APPENDIX 19: CLINICAL EVIDENCE –FOREST PLOTS

1.1 Case identification 8
1.1.1 Depression: EPDS- Sensitivity and Specificity 8
1.1.2 Depression: PHQ- Sensitivity and Specificity 11
1.1.3 Depression- Whooley Questions: Sensitivity and Specificity 12
1.1.4 Depression: Kessler-10- Sensitivity and Specificity 12
1.1.5 Anxiety: EPDS- Sensitivity and Specificity 12
1.1.6 Anxiety: Kessler-10 - Sensitivity and Specificity 13
1.2 Psychosocial interventions: Prevention (risk factors identified) 14
1.2.1 Depression: Post-miscarriage self-help versus TAU 14
1.2.2 Depression: Social support versus TAU 14
1.2.3 Depression: Psychologically (CBT/IPT)-informed psychoeducation versus TAU or Enhanced TAU 15
1.2.4 Depression: Psychoeducational booklet versus TAU or Enhanced TAU 17
1.2.5 Depression: Non-mental health-focused education and support versus TAU or Enhanced TAU 19
1.2.6 Depression: Home visits versus TAU 22
1.2.7 Depression: Post-delivery discussion versus Enhanced TAU 23
1.2.8 Depression: Mother-infant relationship interventions versus TAU 25
1.2.9 Depression: Case management and individualized treatment versus TAU .. 27
1.2.10 Anxiety: Post-miscarriage self-help versus TAU 28
1.2.11 Anxiety: Non-mental health-focused education and support versus TAU or Enhanced TAU 28
1.2.12 Anxiety: Home visits versus TAU 30
1.2.13 PTSD: Post-miscarriage self-help versus TAU 31
1.3 Protocols for women following stillbirth 63
1.3.1 Mental health outcomes for women who saw versus did not see their stillborn infant 63
1.3.2 Mental health outcomes for women who held versus did not hold their stillborn infant 66
1.3.3 Mental health outcomes for women who spent as much time with stillborn infant as they wished versus those who did not 69
1.3.4 Mental health outcomes for women who kept a photo of their stillborn infant versus those who did not 69

1.3.5 Mental health outcomes for women who kept a token of remembrance of their stillborn infant versus those who did not 70

1.3.6 Mental health outcomes for women who took drug to stop milk production following stillbirth versus those who did not 70

1.4 Psychosocial interventions: Prevention (no risk factors identified) 70

1.4.1 Depression: Structured psychological interventions (CBT or IPT) versus TAU 70

1.4.2 Depression: Listening visits versus TAU 71

1.4.3 Depression: Psychologically (CBT/IPT)-informed psychoeducation versus TAU or Enhanced TAU 72

1.4.4 Depression: Home visits versus TAU 73

1.4.5 Depression: Post-delivery discussion versus TAU 74

1.4.6 Depression: Mother-infant relationship interventions versus Enhanced TAU 74

1.4.7 Depression: Mindfulness training versus TAU 75

1.4.8 Anxiety: Structured psychological interventions (CBT or IPT) versus TAU .. 75

1.4.9 Anxiety: Listening visits versus TAU 75

1.4.10 Anxiety: Post-delivery discussion versus TAU 76

1.4.11 Anxiety: Music therapy versus TAU 76

1.4.12 Anxiety: Mindfulness training versus TAU 76

1.5 Psychosocial interventions: Treatment 85

1.5.1 Depression: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU 85

1.5.2 Depression: CBT versus listening visits 92

1.5.3 Depression: CBT versus Relational Constructivist Therapy 92

1.5.4 Depression: IPT versus support group 92

1.5.5 Depression: Facilitated self-help versus TAU 93

1.5.6 Depression: Post-miscarriage self-help versus TAU 93

1.5.7 Depression: Post-miscarriage facilitated self-help versus TAU 94

1.5.8 Depression: Directive counselling versus TAU 95

1.5.9 Depression: Listening visits versus TAU 96

1.5.10 Depression: Post-miscarriage counselling versus TAU 100

1.5.11 Depression: Post-traumatic birth counselling versus TAU 101

1.5.12 Depression: Social support versus TAU 101

1.5.13 Depression: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU 103

1.5.14 Depression: IPT-informed psychoeducation versus non-mental health-focused education and support 108

1.5.15 Depression: Non-mental health-focused education and support versus TAU 108

1.5.16 Depression: Home visits versus TAU/Enhanced TAU 109

1.5.17 Depression: Mother-infant relationship interventions versus TAU/Enhanced TAU 110

1.5.18 Depression: Mother-infant relationship intervention with video feedback versus mother-infant relationship intervention with verbal feedback 114

1.5.19 Depression: Co-parenting intervention versus Enhanced TAU 114

1.5.20 Depression: Infant sleep training (controlled crying) versus TAU/Enhanced TAU 115

1.5.21 Depression: Music therapy during birth versus TAU 116

1.5.22 Depression: Psychosomatic intervention versus TAU 116

1.5.23 Depression: Mindfulness training versus Enhanced TAU 117

1.5.24 Anxiety: Structured psychological interventions versus TAU/Enhanced TAU 118

1.5.25 Anxiety: CBT versus Relational Constructivist Therapy 118

1.5.26 Anxiety: IPT versus support group 119

1.5.27 Anxiety: Facilitated self-help versus TAU 119

1.5.28 Anxiety: Post-miscarriage self-help versus TAU 120

1.5.29 Anxiety: Listening visits versus TAU 120

1.5.30 Anxiety: Directive counselling versus TAU 121

1.5.31 Anxiety: Post-miscarriage counselling versus Enhanced TAU 121

1.5.32 Anxiety: Post-traumatic birth counselling versus TAU 122

1.5.33 Anxiety: Social support versus TAU 122

1.5.34 Anxiety: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU 123

1.5.35 Anxiety: Mother-infant relationship interventions versus TAU/Enhanced TAU 124

1.5.36 Anxiety: Music therapy during birth versus TAU 125

1.5.37 Anxiety: Psychosomatic intervention versus TAU 125

1.5.38 Anxiety: Mindfulness training versus Enhanced TAU 125

1.5.39 Adjustment disorder: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU 126

1.5.40 PTSD: Post-miscarriage self-help versus TAU 126

1.5.41 PTSD: Post-traumatic birth counselling versus TAU 127

1.5.42 PTSD: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU 128

1.5.43 PTSD: Mother-infant relationship interventions versus TAU/Enhanced TAU 129

1.5.44 OCD: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU 130

1.5.45 Fear of childbirth: Pre-delivery discussion/psychoeducation versus TAU . 132

1.5.46 Eating disorder: Mother-infant relationship interventions (and guided self-help) versus listening visits (and guided self-help) 135

1.5.47 General mental health: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU 135

1.5.48 General mental health: IPT versus support group 136

1.5.49 General mental health: Post-miscarriage self-help versus TAU 137

1.5.50 General mental health: Listening visits versus TAU 137

1.5.51 General mental health: Post-miscarriage counselling versus TAU 138

1.5.52 General mental health: Post-traumatic birth counselling versus TAU 138

1.5.53 General mental health: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU 139

1.5.54 General mental health: Home visits versus TAU/Enhanced TAU 140

1.5.55 General mental health: Mother-infant relationship interventions versus TAU/Enhanced TAU 141

1.5.56 General mental health: Co-parenting intervention versus Enhanced TAU .. 142

1.5.57 Mother-infant attachment: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU 142

1.5.58 Mother-infant attachment: Facilitated self-help versus TAU 145

1.5.59 Mother-infant attachment: Listening visits versus TAU 145

1.5.60 Mother-infant attachment: Social support versus TAU 147

1.5.61 Mother-infant attachment: Psychologically (CBT/IPT)-informed psychoeducaiton versus Enhanced TAU 148

1.5.62 Mother-infant attachment: Home visits versus TAU/Enhanced TAU 148

1.5.63 Mother-infant attachment: Mother-infant relationship interventions versus TAU/Enhanced TAU 149

1.5.64 Mother-infant attachment: Mother-infant relationship intervention with video feedback versus mother-infant relationship intervention with verbal feedback 157

1.5.65 Mother-infant attachment: Mother-infant relationship intervention (and guided self-help) versus listening visits (and guided self-help) 158

1.6 Pharmacological interventions: PREVENTION (NO RISK FACTORS) 219

1.6.1 Depression: Omega-3 versus placebo 219

1.6.2 Depression: Selenium versus placebo 221

1.6.3 Depression: Calcium versus placebo 221

1.6.4 Compliance: Selenium versus placebo 222

1.6.5 Quality of life: Calcium versus placebo 222

1.6.6 Infant outcomes: Omega-3 versus placebo 222

1.6.7 Leaving the study early: Omega-3 versus placebo 224

1.6.8 Adverse events/ Service utilisation: Omega-3 versus placebo 224

1.7 Pharmacological interventions (risk factors) 225

1.7.1 Depression: Thyroxine versus placebo 225

1.7.2 Depression: Norethisterone versus placebo 226

1.7.3 Compliance: Thyroxine versus placebo 227

1.7.4 Mother-Infant interaction: Norethisterone versus placebo 227

1.7.5 Leaving the study early: Norethisterone versus placebo 228

1.7.6 Adverse events: Norethisterone versus placebo 228

1.8 Pharmacological interventions: prevention (prophylaxis) 229

1.8.1 Depression: SSRI (Sertraline) versus placebo 229

1.8.2 Depression: TCA (Nortriptyline) versus placebo 229

1.8.3 Adverse events: SSRI (Sertraline) versus placebo 230

1.8.4 Adverse events: TCA (Nortriptyline) versus placebo 230

1.8.5 Leaving the study early: SSRI (Sertraline) versus placebo 231

1.8.6 Leaving the study early: TCA (Nortriptyline) versus placebo 231

1.9 Pharmacological interventions: TREATMENT 232

1.9.1 Non-Response: Omega-3 versus Placebo 232

1.9.2 Non-response to treatment: SSRIs (sertraline/paroxetine) versus placebo .. 233

1.9.3 Non-response to treatment: SSRIs in combination with psychological interventions compared with placebo in combination with psychological interventions 234

1.9.4 Non-response to treatment: SSRIs verses TCA 235
1.9.5 Depression: SSRIs versus Placebo 236
1.9.6 Depression: SSRIs versus TCA 236
1.9.7 Depression: SSRIs in combination with psychological interventions compared with placebo in combination with psychological interventions 237
1.9.8 Depression: Omega-3 versus Placebo 238
1.9.9 Depression: Hormones (transdermal oestrogen) versus placebo 238
1.9.10 General mental health: SSRIs versus TCA 239
1.9.11 General mental health: SSRIs combined with psychosocial interventions versus placebo combined with psychosocial interventions 240
1.9.12 General mental health: SSRIs compared with placebo 241
1.9.13 Service utilisation: SSRIs combined with psychosocial interventions compared with Placebo combined with psychosocial interventions 241
1.9.14 Service Utilisation: SSRIs compared with Placebo 241
1.9.15 Leaving the Study early: SSRIs combined with psychological interventions compared with Placebo combined with psychological interventions 242
1.9.16 Leaving the Study early: SSRIs compared with Placebo 242
1.9.17 Leaving the Study early: SSRIs compared with TCAs 243
1.9.18 Leaving the Study early: Hormones versus placebo 243
1.9.19 Leaving the Study early: Omega-3 versus Placebo 243
1.9.20 Adverse events: SSRI combined with psychosocial interventions compared with Placebo compared with psychosocial interventions 243
1.9.21 Adverse events: omega-3 versus placebo 244
1.9.22 Adverse events: SSRIs versus placebo 245
1.9.23 Compliance: SSRIs versus Placebo 246
1.10 Harms for associated with specific drugs 246
1.10.1 Antidepressants: Teratogenic harms 247
1.10.2 Antidepressants: Neonatal and obstetric complications 259
1.10.3 Antipsychotics: Teratogenic harms 261
1.10.4 Antipsychotics: Neonatal and Obstetric Complications 261
1.10.5 Anticovulsants: Teratogenic harms 266
1.10.6 Anticonvulsants: Neonatal and Obstetric harms 270
1.10.7 Anticonvulsants: Neurodevelopmental outcomes 272
1.10.8 Lithium: Teratogenic harms 275

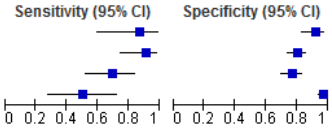
1.10.9 Benzodiazepines: Teratogenic harms 276
1.10.10 Benzodiazepines: Neonatal and Obstetric complications 279
1.10.11 Stimulants (methylphenidate): Teratogenic harms 281
1.11 Physical interventions: Prevention 281
1.11.1 Depression: Physical activity verses treatment as usual 282
1.11.2 Depression: Physical activity combined with psychoeducation verses psychoeducation alone 282
1.12 Physical interventions: Treatment 283
1.12.1 Response: Acupuncture versus massage 283
1.12.2 Response: Depression specific acupuncture versus non-specific acupuncture 284
1.12.3 Response: Bright light therapy versus placebo 284
1.12.4 Depression: Physical activity versus treatment as usual 285
1.12.5 Depression: Physical activity versus mutual support 285
1.12.6 Depression: Acupuncture versus massage 285
1.12.7 Depression: Depression-specific acupuncture versus non-depression specific acupuncture 287
1.12.8 Depression: Electroacupuncture versus non-invasive sham acupuncture ... 288
1.12.9 Depression: Massage combined with support versus support 288
1.12.10 Depression: Massage versus support 288
1.12.11 Depression: Bright light therapy versus placebo 289
1.12.12 Anxiety: Electroacupuncture versus non-invasive sham acupuncture 289

1.1 CASE IDENTIFICATION

1.1.1 Depression: EPDS- Sensitivity and Specificity

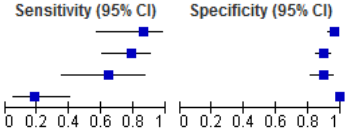
EPDS-Pregnancy- Mixed depression- 9/10 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
ADEWUYA2006	13	6	2	65	No risk	Case control	Developing	0.87 [0.60, 0.98]	0.92 [0.83, 0.97]
FELICE2006	29	38	3	153	No risk	Cohort	Developed	0.91 [0.75, 0.98]	0.80 [0.74, 0.86]
THIAGAYSON2013	25	38	11	126	No risk	Cohort	Developed	0.69 [0.52, 0.84]	0.77 [0.70, 0.83]
TOREKI2013	11	6	11	191	No risk	Cohort	Developed	0.50 [0.28, 0.72]	0.97 [0.93, 0.99]



EPDS-Pregnancy-Mixed depression- 12/13 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
BUNEVICIUS2009	12	9	2	207	No risk	Cohort	Developed	0.86 [0.57, 0.98]	0.96 [0.92, 0.98]
FELICE2006	25	20	7	171	No risk	Cohort	Developed	0.78 [0.60, 0.91]	0.90 [0.84, 0.93]
MURRAY1990B	9	9	5	77	No risk	Cohort	Developed	0.64 [0.35, 0.87]	0.90 [0.81, 0.95]
TOREKI2013	4	1	18	196	No risk	Cohort	Developed	0.18 [0.05, 0.40]	0.99 [0.97, 1.00]

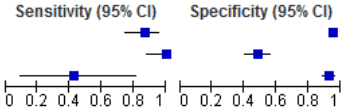


EPDS-Pregnancy-Mixed depression- 14/15 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
FELICE2006	21	6	11	185	No risk	Cohort	Developed	0.66 [0.47, 0.81]	0.97 [0.93, 0.99]
MURRAY1990B	8	2	6	84	No risk	Cohort	Developed	0.57 [0.29, 0.82]	0.98 [0.92, 1.00]
TOREKI2013	3	0	19	197	No risk	Cohort	Developed	0.14 [0.03, 0.35]	1.00 [0.98, 1.00]

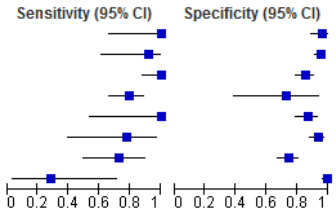
EPDS-Pregnancy- Major depression- 9/10 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
BERGINK2011	41	40	6	758	No risk	Cohort	Developed	0.87 [0.74, 0.95]	0.95 [0.93, 0.96]
FERNANDES2011	28	86	0	80	No risk	Cohort	Developed	1.00 [0.88, 1.00]	0.48 [0.40, 0.56]
TOREKI2013	3	15	4	197	No risk	Cohort	Developed	0.43 [0.10, 0.82]	0.93 [0.89, 0.96]



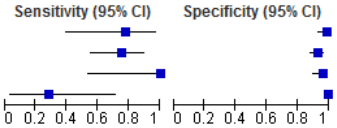
EPDS-Pregnancy- Major depression- 12/13 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
ADEWUYA2006	9	3	0	74	No risk	Case control	Developed	1.00 [0.66, 1.00]	0.96 [0.89, 0.99]
BERGINK2011	11	11	1	207	No risk	Cohort	Developed	0.92 [0.62, 1.00]	0.95 [0.91, 0.97]
FERNANDES2011	28	25	0	141	No risk	Cohort	Developed	1.00 [0.88, 1.00]	0.85 [0.79, 0.90]
FLYNN2011	46	3	12	8	No risk	Cohort	Developed	0.79 [0.67, 0.89]	0.73 [0.39, 0.94]
MURRAY1990B	6	12	0	82	No risk	Cohort	Developed	1.00 [0.54, 1.00]	0.87 [0.79, 0.93]
RUBERTSSON2011	7	7	2	105	No risk	Cohort	Developed	0.78 [0.40, 0.97]	0.94 [0.88, 0.97]
THIAGAYSON2013	16	46	6	132	No risk	Cohort	Developed	0.73 [0.50, 0.89]	0.74 [0.67, 0.80]
TOREKI2013	2	2	5	210	No risk	Cohort	Developed	0.29 [0.04, 0.71]	0.99 [0.97, 1.00]



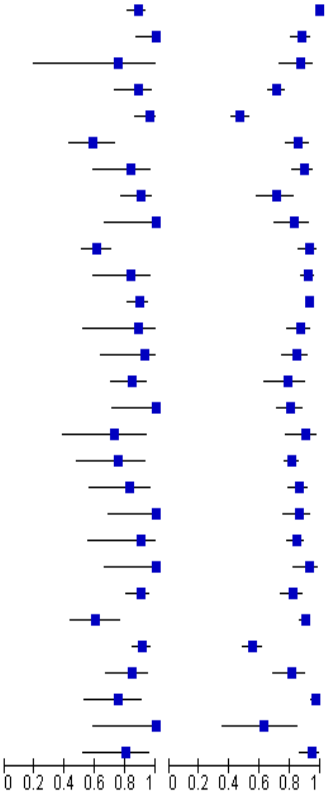
EPDS-Pregnancy- Major depression- 14/15 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
ADEWUYA2006	7	1	2	76	No risk	Case control	Developed	0.78 [0.40, 0.97]	0.99 [0.93, 1.00]
FERNANDES2011	21	12	7	154	No risk	Cohort	Developed	0.75 [0.55, 0.89]	0.93 [0.88, 0.96]
MURRAY1990B	6	4	0	90	No risk	Cohort	Developed	1.00 [0.54, 1.00]	0.96 [0.89, 0.99]
TOREKI2013	2	1	5	211	No risk	Cohort	Developed	0.29 [0.04, 0.71]	1.00 [0.97, 1.00]



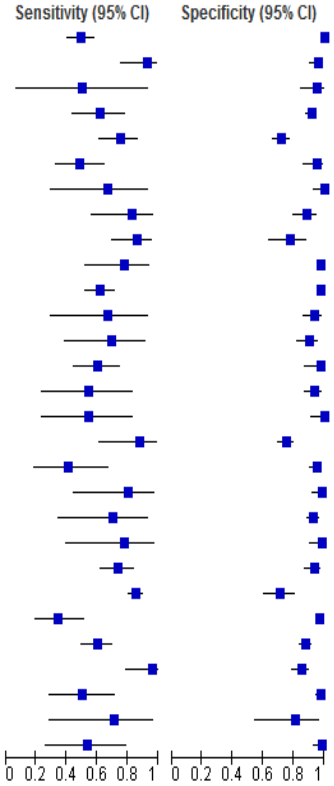
EPDS-Postnatal- Mixed depression- 9/10 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
ADEWUYA2005	113	7	15	756	No risk	Cohort	Developing	0.88 [0.81, 0.93]	0.99 [0.98, 1.00]
AGOUB2005	27	14	0	103	No risk	Cohort	Developing	1.00 [0.87, 1.00]	0.88 [0.81, 0.93]
ALVARADO-ESQUIVEI2006	3	6	1	39	At risk	Case control	Developing	0.75 [0.19, 0.99]	0.87 [0.73, 0.95]
ASCASO2003	30	87	4	213	No risk	Cohort	Developed	0.88 [0.73, 0.97]	0.71 [0.66, 0.76]
AYDIN2004	47	155	2	137	No risk	Cohort	Developed	0.96 [0.86, 1.00]	0.47 [0.41, 0.53]
BECK2001	27	15	19	89	No risk	Cohort	Developed	0.59 [0.43, 0.73]	0.86 [0.77, 0.92]
BENVENUTI1999	15	10	3	85	No risk	Cohort	Developed	0.83 [0.59, 0.96]	0.89 [0.81, 0.95]
BERLE2003	37	17	4	42	At risk	Case control	Developed	0.90 [0.77, 0.97]	0.71 [0.58, 0.82]
CARPINIELLO1997	9	9	0	43	No risk	Cohort	Developed	1.00 [0.66, 1.00]	0.83 [0.70, 0.92]
CHAUDRON2010	68	6	43	81	At risk	Cohort	Developed	0.61 [0.52, 0.70]	0.93 [0.86, 0.97]
FELICE2006	15	17	3	188	No risk	Cohort	Developed	0.83 [0.59, 0.96]	0.92 [0.87, 0.95]
GARCIA-ESTEVE2003	89	72	11	951	No risk	Case control	Developed	0.89 [0.81, 0.94]	0.93 [0.91, 0.94]
GAUSIA2007	8	12	1	79	No risk	Cohort	Developing	0.89 [0.52, 1.00]	0.87 [0.78, 0.93]
GHUBASH1997	12	13	1	69	No risk	Cohort	Developed	0.92 [0.64, 1.00]	0.84 [0.74, 0.91]
GUEDENEY1998	38	9	7	33	At risk	Case control	Developed	0.84 [0.71, 0.94]	0.79 [0.63, 0.90]
JADRESIC1995	11	19	0	78	No risk	Cohort	Developed	1.00 [0.72, 1.00]	0.80 [0.71, 0.88]
KADIR2005	8	4	3	37	No risk	Cohort	Developing	0.73 [0.39, 0.94]	0.90 [0.77, 0.97]
LAU2010	12	62	4	264	No risk	Cohort	Developed	0.75 [0.48, 0.93]	0.81 [0.76, 0.85]
LEE1998	14	18	3	110	No risk	Cohort	Developed	0.82 [0.57, 0.96]	0.86 [0.79, 0.91]
LEONARDOU2009	10	10	0	61	No risk	Cohort	Developed	1.00 [0.69, 1.00]	0.86 [0.76, 0.93]
LEVERTON2000	9	30	1	159	No risk	Cohort	Developed	0.90 [0.55, 1.00]	0.84 [0.78, 0.89]
MAHMUD2003	9	4	0	51	No risk	Cohort	Developing	1.00 [0.66, 1.00]	0.93 [0.82, 0.98]
MAZHARI2007	62	24	7	107	At risk	Case control	Developing	0.90 [0.80, 0.96]	0.82 [0.74, 0.88]
PITANUPONG2007	23	31	15	282	No risk	Cohort	Developing	0.61 [0.43, 0.76]	0.90 [0.86, 0.93]
SANTOS2007	96	123	9	150	At risk	Case control	Developing	0.91 [0.84, 0.96]	0.55 [0.49, 0.61]
TANDON2012	27	12	5	51	At risk	Cohort	Developed	0.84 [0.67, 0.95]	0.81 [0.69, 0.90]
UWAKWE2003	18	6	6	195	No risk	Cohort	Developing	0.75 [0.53, 0.90]	0.97 [0.94, 0.99]
WERRETT2006	7	6	0	10	No risk	Cohort	Developed	1.00 [0.59, 1.00]	0.63 [0.35, 0.85]
YOSHIDA2001	12	4	3	69	No risk	Cohort	Developed	0.80 [0.52, 0.96]	0.95 [0.87, 0.98]



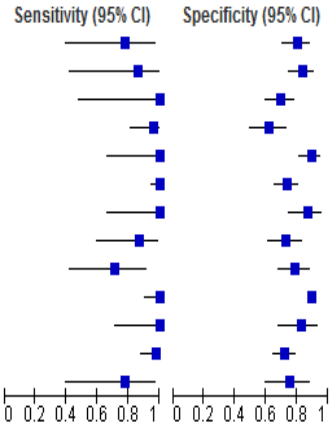
EPDS-Postnatal-Mixed depression- 12/13 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
ADEWUYA2005	63	0	65	748	No risk	Cohort	Developing	0.49 [0.40, 0.58]	1.00 [1.00, 1.00]
AGOUB2005	25	5	2	112	No risk	Cohort	Developing	0.93 [0.76, 0.99]	0.96 [0.90, 0.99]
ALVARADO-ESQUIVEI2006	2	2	2	43	At risk	Case control	Developing	0.50 [0.07, 0.93]	0.96 [0.85, 0.99]
ASCASO2003	21	24	13	276	No risk	Cohort	Developed	0.62 [0.44, 0.78]	0.92 [0.88, 0.95]
AYDIN2004	37	83	12	209	No risk	Cohort	Developed	0.76 [0.61, 0.87]	0.72 [0.66, 0.77]
BERLE2003	20	3	21	56	At risk	Case control	Developed	0.49 [0.33, 0.65]	0.95 [0.86, 0.99]
CARPINIELLO1997	6	0	3	52	No risk	Cohort	Developed	0.67 [0.30, 0.93]	1.00 [0.93, 1.00]
CLARKE2008	14	10	3	76	No risk	Cohort	Developed	0.82 [0.57, 0.96]	0.88 [0.80, 0.94]
COX1987	30	11	5	38	No risk	Cohort	Developed	0.86 [0.70, 0.95]	0.78 [0.63, 0.88]
FELICE2006	14	4	4	201	No risk	Cohort	Developed	0.78 [0.52, 0.94]	0.98 [0.95, 0.99]
GARCIA-ESTEVE2003	62	20	38	1003	No risk	Case control	Developed	0.62 [0.52, 0.72]	0.98 [0.97, 0.99]
GAUSIA2007	6	6	3	85	No risk	Cohort	Developed	0.67 [0.30, 0.93]	0.93 [0.86, 0.98]
GHUBASH1997	9	8	4	74	No risk	Cohort	Developed	0.69 [0.39, 0.91]	0.90 [0.82, 0.96]
GUEDENEY1998	27	1	18	41	At risk	Case control	Developed	0.60 [0.44, 0.74]	0.98 [0.87, 1.00]
JADRESIC1995	6	6	5	91	No risk	Cohort	Developed	0.55 [0.23, 0.83]	0.94 [0.87, 0.98]
KADIR2005	6	0	5	41	No risk	Cohort	Developed	0.55 [0.23, 0.83]	1.00 [0.91, 1.00]
LAU2010	14	82	2	245	No risk	Cohort	Developed	0.88 [0.62, 0.98]	0.75 [0.70, 0.80]
LEE1998	7	6	10	122	No risk	Cohort	Developed	0.41 [0.18, 0.67]	0.95 [0.90, 0.98]
LEONARDOU2009	8	1	2	70	No risk	Cohort	Developed	0.80 [0.44, 0.97]	0.99 [0.92, 1.00]
LEVERTON2000	7	13	3	176	No risk	Cohort	Developed	0.70 [0.35, 0.93]	0.93 [0.89, 0.96]
MAHMUD2003	7	1	2	54	No risk	Cohort	Developed	0.78 [0.40, 0.97]	0.98 [0.90, 1.00]
MAZHARI2007	51	9	18	122	At risk	Case control	Developed	0.74 [0.62, 0.84]	0.93 [0.87, 0.97]
MILGROM2005	222	24	38	60	At risk	Cohort	Developed	0.85 [0.80, 0.89]	0.71 [0.61, 0.81]
PITANUPONG2007	13	9	25	304	No risk	Cohort	Developed	0.34 [0.20, 0.51]	0.97 [0.95, 0.99]
SANTOS2007	63	33	42	240	At risk	Case control	Developed	0.60 [0.50, 0.69]	0.88 [0.83, 0.92]
TENG2005	23	27	1	152	No risk	Cohort	Developed	0.96 [0.79, 1.00]	0.85 [0.79, 0.90]
UWAKWE2003	12	4	12	197	No risk	Cohort	Developed	0.50 [0.29, 0.71]	0.98 [0.95, 0.99]
WERRETT2006	5	3	2	13	No risk	Cohort	Developed	0.71 [0.29, 0.96]	0.81 [0.54, 0.96]
YOSHIDA2001	8	1	7	72	No risk	Cohort	Developed	0.53 [0.27, 0.79]	0.99 [0.93, 1.00]



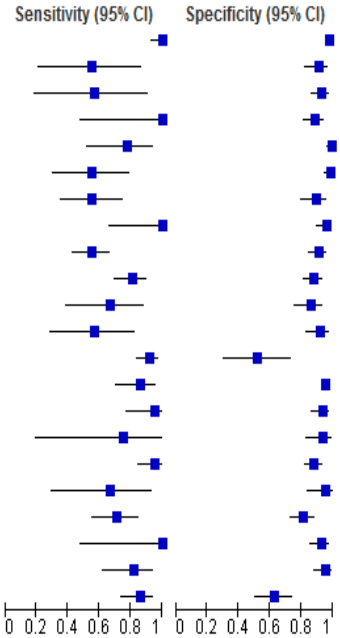
EPDS-Postnatal-Major depression- 9/10 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
BARNETT1999(A)	7	17	2	69	No risk	Cohort	Developed	0.78 [0.40, 0.97]	0.80 [0.70, 0.88]
BARNETT1999(AC)	6	16	1	82	No risk	Cohort	Developed	0.86 [0.42, 1.00]	0.84 [0.75, 0.90]
BARNETT1999(V)	5	33	0	75	No risk	Cohort	Developed	1.00 [0.48, 1.00]	0.69 [0.60, 0.78]
BERLE2003	26	28	1	45	At risk	Case control	Developed	0.96 [0.81, 1.00]	0.62 [0.50, 0.73]
BOYCE1993	9	10	0	84	No risk	Cohort	Developed	1.00 [0.66, 1.00]	0.89 [0.81, 0.95]
CHIBANDA2010	64	39	0	107	No risk	Cohort	Developed	1.00 [0.94, 1.00]	0.73 [0.65, 0.80]
EBERHARD-GRAN2001	9	6	0	41	No risk	Cohort	Developed	1.00 [0.66, 1.00]	0.87 [0.74, 0.95]
EKEROMA2012(s)	13	19	2	51	No risk	Cohort	Developed	0.87 [0.60, 0.98]	0.73 [0.61, 0.83]
EKEROMA2012(t)	10	15	4	56	No risk	Cohort	Developed	0.71 [0.42, 0.92]	0.79 [0.68, 0.88]
GARCIA-ESTEVE2003	36	120	0	967	No risk	Case control	Developed	1.00 [0.90, 1.00]	0.89 [0.87, 0.91]
KADIR2005	11	7	0	34	No risk	Cohort	Developed	1.00 [0.72, 1.00]	0.83 [0.68, 0.93]
MAZHARI2007	42	44	1	113	At risk	Case control	Developed	0.98 [0.88, 1.00]	0.72 [0.64, 0.79]
MUZIK2000	7	10	2	31	No risk	Cohort	Developed	0.78 [0.40, 0.97]	0.76 [0.60, 0.88]



EPDS-Postnatal-Major depression- 12/13 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
ADEWUYA2005	48	17	0	811	No risk	Cohort	Developed	1.00 [0.93, 1.00]	0.98 [0.97, 0.99]
BARNETT1999(A)	5	8	4	78	No risk	Cohort	Developed	0.56 [0.21, 0.86]	0.91 [0.82, 0.96]
BARNETT1999(AC)	4	7	3	91	No risk	Cohort	Developed	0.57 [0.18, 0.90]	0.93 [0.86, 0.97]
BARNETT1999(V)	5	12	0	96	No risk	Cohort	Developed	1.00 [0.48, 1.00]	0.89 [0.81, 0.94]
BECK2001	14	1	4	131	No risk	Cohort	Developed	0.78 [0.52, 0.94]	0.99 [0.96, 1.00]
BENVENUTI1999	10	1	8	94	No risk	Cohort	Developed	0.56 [0.31, 0.78]	0.99 [0.94, 1.00]
BERLE2003	15	8	12	65	At risk	Case control	Developed	0.56 [0.35, 0.75]	0.89 [0.80, 0.95]
BOYCE1993	9	4	0	90	No risk	Cohort	Developed	1.00 [0.66, 1.00]	0.96 [0.89, 0.99]
CHAUDRON2010	40	11	33	114	At risk	Cohort	Developed	0.55 [0.43, 0.66]	0.91 [0.85, 0.96]
CHIBANDA2010	52	18	12	128	No risk	Cohort	Developed	0.81 [0.70, 0.90]	0.88 [0.81, 0.93]
EKEROMA2012(s)	10	10	5	60	No risk	Cohort	Developed	0.67 [0.38, 0.88]	0.86 [0.75, 0.93]
EKEROMA2012(t)	8	6	6	65	No risk	Cohort	Developed	0.57 [0.29, 0.82]	0.92 [0.83, 0.97]
FLYNN2011	70	11	6	12	No risk	Cohort	Developed	0.92 [0.84, 0.97]	0.52 [0.31, 0.73]
GARCIA-ESTEVE2003	31	54	5	1033	No risk	Case control	Developed	0.86 [0.71, 0.95]	0.95 [0.94, 0.96]
HARRIS1989	21	7	1	97	No risk	Cohort	Developed	0.95 [0.77, 1.00]	0.93 [0.87, 0.97]
KADIR2005	3	3	1	45	No risk	Cohort	Developed	0.75 [0.19, 0.99]	0.94 [0.83, 0.99]
MAZHARI2007	41	19	2	138	At risk	Case control	Developed	0.95 [0.84, 0.99]	0.88 [0.82, 0.93]
MUZIK2000	6	2	3	39	No risk	Cohort	Developed	0.67 [0.30, 0.93]	0.95 [0.83, 0.99]
PHILLIPS2009	30	23	12	100	No risk	Cohort	Developed	0.71 [0.55, 0.84]	0.81 [0.73, 0.88]
REGMI2002	5	7	0	88	No risk	Cohort	Developed	1.00 [0.48, 1.00]	0.93 [0.85, 0.97]
TANDON2012	22	3	5	65	At risk	Cohort	Developed	0.81 [0.62, 0.94]	0.96 [0.88, 0.99]
WICKBERG1996	48	27	8	45	No risk	Cohort	Developed	0.86 [0.74, 0.94]	0.63 [0.50, 0.74]

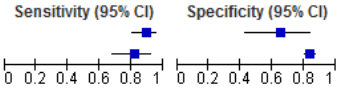


1.1.2 Depression: PHQ- Sensitivity and Specificity

PHQ- All versions, timings and cut-offs

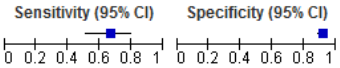
PHQ-9 (simple)- Postnatal- major depression- 10 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
FLYNN2011	68	8	8	15	No risk	Cohort	Developed	0.89 [0.80, 0.95]	0.65 [0.43, 0.84]
GJERDINCJEN2009	37	74	8	387	No risk	Cohort	Developed	0.82 [0.68, 0.92]	0.84 [0.80, 0.87]



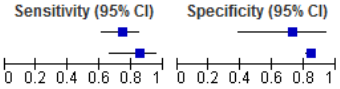
PHQ-9- (complex)- Postnatal - major depression- 10 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
GJERDINCJEN2009	30	37	15	424	No risk	Cohort	Developed	0.67 [0.51, 0.80]	0.92 [0.89, 0.94]



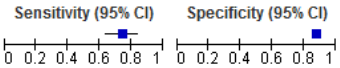
PHQ-9 (simple)- Antenatal- major depression- 10 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
FLYNN2011	43	3	15	8	No risk	Cohort	Developed	0.74 [0.61, 0.85]	0.73 [0.39, 0.94]
SIDEBOTTOM2012	23	115	4	603	No risk	Cohort	Developed	0.85 [0.66, 0.96]	0.84 [0.81, 0.87]



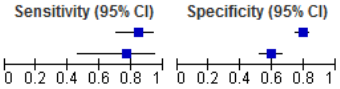
PHQ-9 (simple)- Antenatal- mixed depression- 10 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
SIDEBOTTOM2012	59	80	20	586	No risk	Cohort	Developed	0.75 [0.64, 0.84]	0.88 [0.85, 0.90]



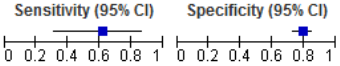
PHQ-2- Postnatal- major depression- cut off 3

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
GJERDINCJEN2009	38	97	7	364	No risk	Cohort	Developed	0.84 [0.71, 0.94]	0.79 [0.75, 0.83]
SMITH2010	10	82	3	118	No risk	Cohort	Developed	0.77 [0.46, 0.95]	0.59 [0.52, 0.66]



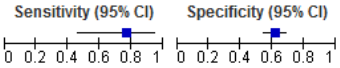
PHQ-2- Postnatal- major depression- cut 4

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
SMITH2010	8	42	5	158	No risk	Cohort	Developed	0.62 [0.32, 0.86]	0.79 [0.73, 0.84]



PHQ-8- Postnatal- Major depression- 10 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
SMITH2010	10	76	3	124	No risk	Cohort	Developed	0.77 [0.46, 0.95]	0.62 [0.55, 0.69]



1.1.3 Depression- Whooley Questions: Sensitivity and Specificity

Whooley Questions- All versions, timings and cut-offs

Whooley Questions- Postnatal- Major depression

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
GJERDINCJEN2009	45	258	0	203	No risk	Cohort	Developed	1.00 [0.92, 1.00]	0.44 [0.39, 0.49]

Whooley questions- Postnatal- Mixed depression

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
MANN2012	18	27	0	49	No risk	Cohort	Developed	1.00 [0.81, 1.00]	0.64 [0.53, 0.75]

Whooley questions (+help qn)- Postnatal- mixed depression

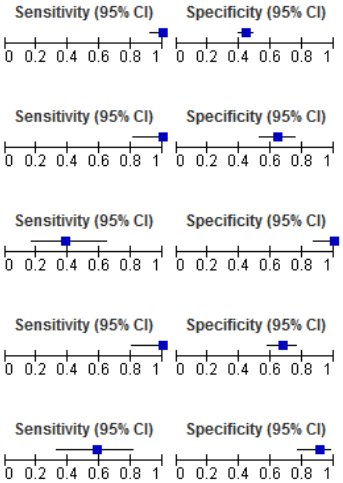
Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
MANN2012	7	0	11	27	No risk	Cohort	Developed	0.39 [0.17, 0.64]	1.00 [0.87, 1.00]

Whooley questions- Antenatal- mixed depression

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
MANN2012	17	35	0	74	No risk	Cohort	Developed	1.00 [0.80, 1.00]	0.68 [0.58, 0.77]

Whooley questions (+ help qn)- Antenatal- mixed depression

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
MANN2012	10	3	7	32	No risk	Cohort	Developed	0.59 [0.33, 0.82]	0.91 [0.77, 0.98]



1.1.4 Depression: Kessler-10- Sensitivity and Specificity

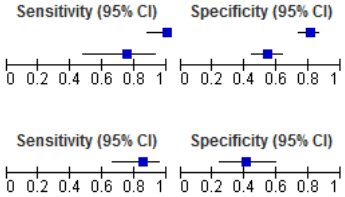
Kessler-10- PHQ- All versions, timings and cut-offs

Kessler-10- Antenatal- major depression- 6 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
FERNANDES2011	28	32	0	134	No risk	Cohort	Developing	1.00 [0.88, 1.00]	0.81 [0.74, 0.86]
SPIES2009	12	52	4	61	No risk	Cohort	Developing	0.75 [0.48, 0.93]	0.54 [0.44, 0.63]

Kessler-10- Postnatal- mixed depression 6 cut off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
BAGGALEY2007	23	20	4	14	At risk	Cohort	Developing	0.85 [0.66, 0.96]	0.41 [0.25, 0.59]

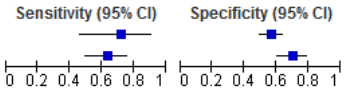


1.1.5 Anxiety: EPDS- Sensitivity and Specificity

EPDS- All versions, timings and cut-offs

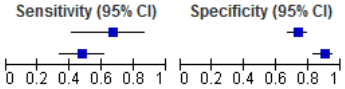
EPDS- Postnatal- Anxiety disorder- 3/4 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
MATTHEY2008	13	95	5	125	No risk	Cohort	Developed	0.72 [0.47, 0.90]	0.57 [0.50, 0.63]
PHILLIPS2009	36	32	21	76	No risk	Cohort	Developed	0.63 [0.49, 0.76]	0.70 [0.61, 0.79]



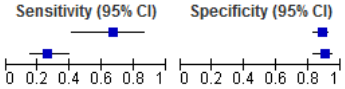
EPDS- Postnatal- Anxiety disorder- 4/5 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
MATTHEY2008	12	59	6	161	No risk	Cohort	Developed	0.67 [0.41, 0.87]	0.73 [0.67, 0.79]
PHILLIPS2009	27	11	30	97	No risk	Cohort	Developed	0.47 [0.34, 0.61]	0.90 [0.83, 0.95]



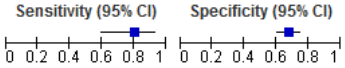
EPDS- Postnatal- anxiety disoder- 5/6 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
MATTHEY2008	12	26	6	194	No risk	Cohort	Developed	0.67 [0.41, 0.87]	0.88 [0.83, 0.92]
PHILLIPS2009	15	11	42	97	No risk	Cohort	Developed	0.26 [0.16, 0.40]	0.90 [0.83, 0.95]



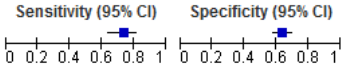
EPDS (full scale)- Antenatal- anxiety disorders- 8/9 cut-off (optimal)

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
THIAGAYSON2013	20	56	5	119	No risk	Cohort	Developed	0.80 [0.59, 0.93]	0.68 [0.61, 0.75]



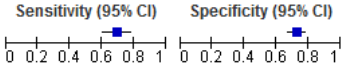
EPDS- Antenatal and postnatal- CMHD- 2/3 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
TRAN2011	80	92	29	163	No risk	Cohort	Developed	0.73 [0.64, 0.81]	0.64 [0.58, 0.70]



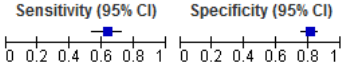
EPDS- Antenatal and postnatal- CMHD- 3/4 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
TRAN2011	76	69	33	186	No risk	Cohort	Developed	0.70 [0.60, 0.78]	0.73 [0.67, 0.78]



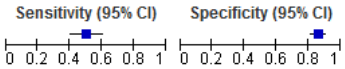
EPDS- Antenatal and postnatal- CMHD- 4/5 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
TRAN2011	69	48	40	207	No risk	Cohort	Developed	0.63 [0.54, 0.72]	0.81 [0.76, 0.86]



EPDS- Antenatal and postnatal- CMHD- 5/6 cut-off

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
TRAN2011	55	35	54	220	No risk	Cohort	Developed	0.50 [0.41, 0.60]	0.86 [0.81, 0.90]

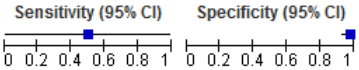


1.1.6 Anxiety: Kessler-10 - Sensitivity and Specificity

Kessler-10- All versions, timings and cut-offs

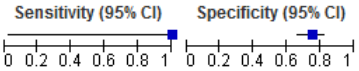
Kessler-10- Antenatal- anxiety (panic disorder)

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
SPIES2009	1	3	1	124	No risk	Cohort	Developed	0.50 [0.01, 0.99]	0.98 [0.93, 1.00]



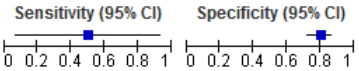
Kessler-10- Antenatal- anxiety (social anxiety)

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
SPIES2009	1	32	0	96	No risk	Cohort	Developed	1.00 [0.03, 1.00]	0.75 [0.67, 0.82]



Kessler-10- Antenatal- Anxiety (PTSD)

Study	TP	FP	FN	TN	Risk factors	Design	Country	Sensitivity (95% CI)	Specificity (95% CI)
SPIES2009	2	25	2	100	No risk	Cohort	Developed	0.50 [0.07, 0.93]	0.80 [0.72, 0.87]



1.2 PSYCHOSOCIAL INTERVENTIONS: PREVENTION (RISK FACTORS IDENTIFIED)

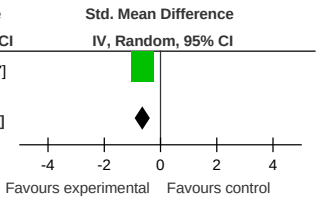
1.2.1 Depression: Post-miscarriage self-help versus TAU

Depression mean symptoms Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KERSTING2013	0.61	0.64	115	1.05	0.73	113	100.0%	-0.64 [-0.91, -0.37]
Total (95% CI)			**115**			**113**	**100.0%**	**-0.64 [-0.91, -0.37]**

Heterogeneity: Not applicable

Test for overall effect: Z = 4.70 (P < 0.00001)



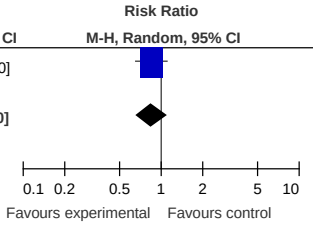
1.2.2 Depression: Social support versus TAU

Depression diagnosis Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HARRIS2006/DENNIS2013	37	61	40	56	100.0%	0.85 [0.65, 1.10]
Total (95% CI)		**61**		**56**	**100.0%**	**0.85 [0.65, 1.10]**
Total events	37		40			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.23 (P = 0.22)

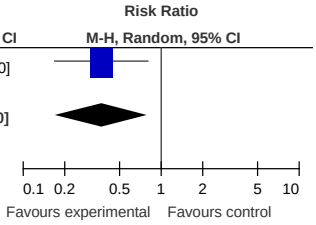


Depression diagnosis Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HARRIS2006/DENNIS2013	6	30	19	35	100.0%	0.37 [0.17, 0.80]
Total (95% CI)		**30**		**35**	**100.0%**	**0.37 [0.17, 0.80]**
Total events	6		19			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.52 (P = 0.01)



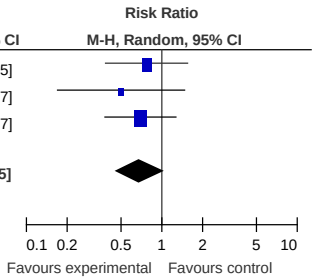
1.2.3 Depression: Psychologically (CBT/IPT)-informed psychoeducation versus TAU or Enhanced TAU

Depression diagnosis Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BRUGHA2000	12	103	16	106	36.3%	0.77 [0.38, 1.55]
GORMAN1997/DENNIS2013	4	24	7	21	15.1%	0.50 [0.17, 1.47]
PHIPPS2013	13	54	18	52	48.5%	0.70 [0.38, 1.27]
Total (95% CI)		**181**		**179**	**100.0%**	**0.69 [0.45, 1.05]**
Total events	29		41			

Heterogeneity: Tau² = 0.00; Chi² = 0.44, df = 2 (P = 0.80); I² = 0%

Test for overall effect: Z = 1.75 (P = 0.08)

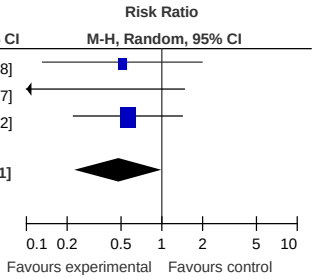


Depression diagnosis Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BRUGHA2000	3	94	6	96	29.6%	0.51 [0.13, 1.98]
GORMAN1997/DENNIS2013	0	20	5	19	6.8%	0.09 [0.01, 1.47]
PHIPPS2013	6	47	10	44	63.6%	0.56 [0.22, 1.42]
Total (95% CI)		**161**		**159**	**100.0%**	**0.48 [0.23, 1.01]**
Total events	9		21			

Heterogeneity: Tau² = 0.00; Chi² = 1.63, df = 2 (P = 0.44); I² = 0%

Test for overall effect: Z = 1.95 (P = 0.05)

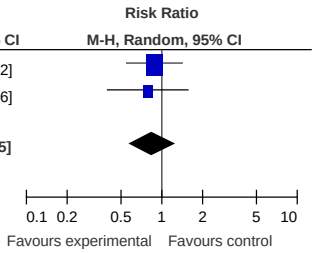


Depression symptomatology Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BRUGHA2000	24	103	28	106	67.7%	0.88 [0.55, 1.42]
GORMAN1997/DENNIS2013	9	24	10	21	32.3%	0.79 [0.40, 1.56]
Total (95% CI)		**127**		**127**	**100.0%**	**0.85 [0.58, 1.25]**
Total events	33		38			

Heterogeneity: Tau² = 0.00; Chi² = 0.07, df = 1 (P = 0.79); I² = 0%

Test for overall effect: Z = 0.82 (P = 0.41)

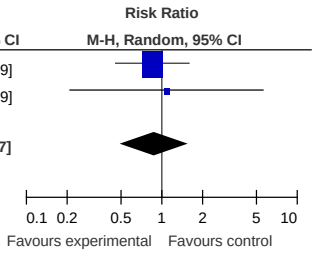


Depression symptomatology Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BRUGHA2000	15	94	18	96	87.4%	0.85 [0.46, 1.59]
GORMAN1997/DENNIS2013	3	18	2	13	12.6%	1.08 [0.21, 5.59]
Total (95% CI)		**112**		**109**	**100.0%**	**0.88 [0.49, 1.57]**
Total events	18		20			

Heterogeneity: Tau² = 0.00; Chi² = 0.07, df = 1 (P = 0.79); I² = 0%

Test for overall effect: Z = 0.44 (P = 0.66)

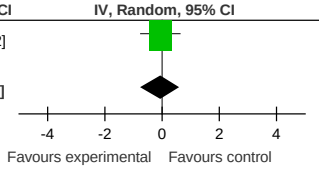


Depression mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GORMAN1997/DENNIS2013	7.2	5.3	18	7.5	4.2	15	100.0%	-0.06 [-0.75, 0.62]
Total (95% CI)			**18**			**15**	**100.0%**	**-0.06 [-0.75, 0.62]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.17 (P = 0.86)

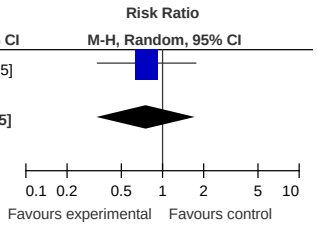


Depression diagnosis Intermediate Follow-up (17-24 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GORMAN1997/DENNIS2013	7	24	8	21	100.0%	0.77 [0.33, 1.75]
Total (95% CI)		**24**		**21**	**100.0%**	**0.77 [0.33, 1.75]**
Total events	7		8			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.63 (P = 0.53)

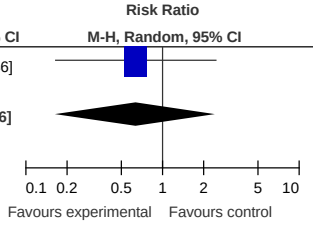


Depression diagnosis Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GORMAN1997/DENNIS2013	3	20	4	17	100.0%	0.64 [0.17, 2.46]
Total (95% CI)		**20**		**17**	**100.0%**	**0.64 [0.17, 2.46]**
Total events	3		4			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.65 (P = 0.51)

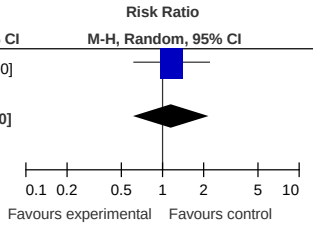


Depression symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GORMAN1997/DENNIS2013	12	24	9	21	100.0%	1.17 [0.62, 2.20]
Total (95% CI)		**24**		**21**	**100.0%**	**1.17 [0.62, 2.20]**
Total events	12		9			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.48 (P = 0.63)

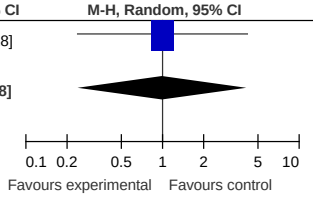


Depression symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GORMAN1997/DENNIS2013	3	15	3	15	100.0%	1.00 [0.24, 4.18]
Total (95% CI)		**15**		**15**	**100.0%**	**1.00 [0.24, 4.18]**
Total events	3		3			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.00 (P = 1.00)

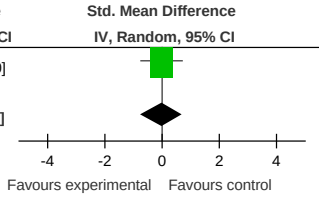


Depression mean scores Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GORMAN1997/DENNIS2013	7.9	5.2	13	8	5.6	17	100.0%	-0.02 [-0.74, 0.70]
Total (95% CI)			**13**			**17**	**100.0%**	**-0.02 [-0.74, 0.70]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.05 (P = 0.96)



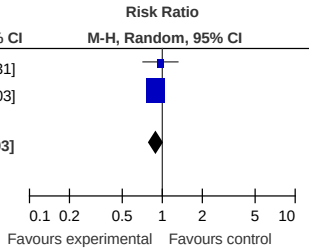
1.2.4 Depression: Psychoeducational booklet versus TAU or Enhanced TAU

Depression symptomatology Post-treatment) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2012	63	270	65	270	19.1%	0.97 [0.72, 1.31]
WEBSTER2003	153	299	174	301	80.9%	0.89 [0.76, 1.03]
Total (95% CI)		**569**		**571**	**100.0%**	**0.90 [0.79, 1.03]**
Total events	216		239			

Heterogeneity: Tau² = 0.00; Chi² = 0.29, df = 1 (P = 0.59); I² = 0%

Test for overall effect: Z = 1.55 (P = 0.12)

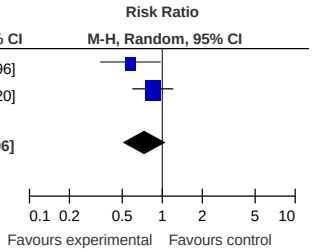


Depression symptomatology Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2012	20	227	37	242	37.6%	0.58 [0.35, 0.96]
WEBSTER2003	46	192	50	177	62.4%	0.85 [0.60, 1.20]
Total (95% CI)		**419**		**419**	**100.0%**	**0.73 [0.51, 1.06]**
Total events	66		87			

Heterogeneity: Tau² = 0.03; Chi² = 1.52, df = 1 (P = 0.22); I² = 34%

Test for overall effect: Z = 1.65 (P = 0.10)

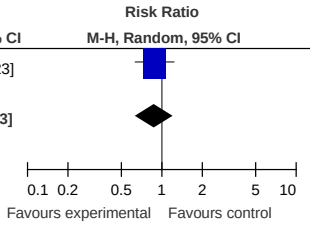


Depression symptomatology Short Follow-up (9-16 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2012	53	270	60	270	100.0%	0.88 [0.64, 1.23]
Total (95% CI)		**270**		**270**	**100.0%**	**0.88 [0.64, 1.23]**
Total events	53		60			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.74 (P = 0.46)

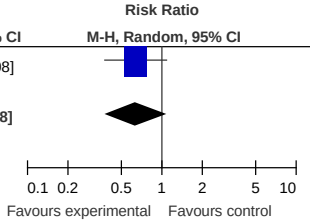


Depression symptomatology Short Follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2012	20	237	32	242	100.0%	0.64 [0.38, 1.08]
Total (95% CI)		**237**		**242**	**100.0%**	**0.64 [0.38, 1.08]**
Total events	20		32			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.66 (P = 0.10)

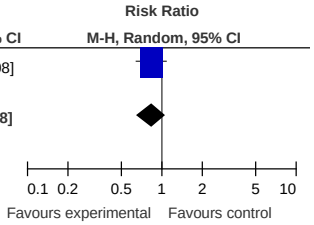


Depression symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2012	75	270	90	270	100.0%	0.83 [0.65, 1.08]
Total (95% CI)		**270**		**270**	**100.0%**	**0.83 [0.65, 1.08]**
Total events	75		90			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.40 (P = 0.16)

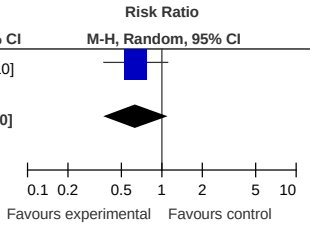


Depression symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2012	19	214	29	209	100.0%	0.64 [0.37, 1.10]
Total (95% CI)		**214**		**209**	**100.0%**	**0.64 [0.37, 1.10]**
Total events	19		29			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.60 (P = 0.11)



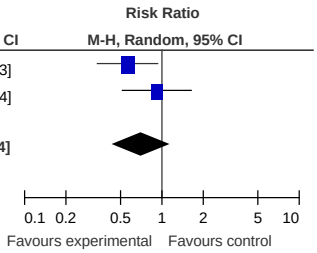
1.2.5 Depression: Non-mental health-focused education and support versus TAU or Enhanced TAU

Depression symptomatology Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	17	80	31	82	54.2%	0.56 [0.34, 0.93]
STAMP1995	17	73	18	71	45.8%	0.92 [0.52, 1.64]
Total (95% CI)		**153**		**153**	**100.0%**	**0.70 [0.44, 1.14]**
Total events	34		49			

Heterogeneity: Tau² = 0.04; Chi² = 1.58, df = 1 (P = 0.21); I² = 37%

Test for overall effect: Z = 1.43 (P = 0.15)

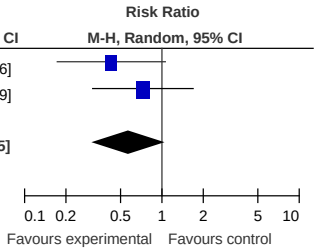


Depression symptomatology Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	6	69	13	64	46.4%	0.43 [0.17, 1.06]
STAMP1995	8	64	11	64	53.6%	0.73 [0.31, 1.69]
Total (95% CI)		**133**		**128**	**100.0%**	**0.57 [0.31, 1.05]**
Total events	14		24			

Heterogeneity: Tau² = 0.00; Chi² = 0.71, df = 1 (P = 0.40); I² = 0%

Test for overall effect: Z = 1.79 (P = 0.07)

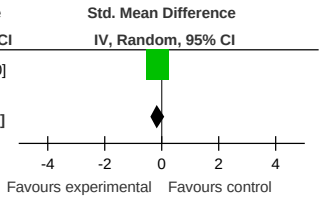


Depression mean scores Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KIEFFER2013	10.56	7.988191	138	11.65	8.19329	137	100.0%	-0.13 [-0.37, 0.10]
Total (95% CI)			**138**			**137**	**100.0%**	**-0.13 [-0.37, 0.10]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.11 (P = 0.27)

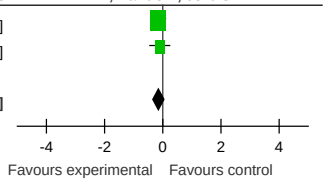


Depression mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MELNYK2006	7.05	2.886936	132	7.51	2.88849	105	63.7%	-0.16 [-0.42, 0.10]
SEN2006/DENNIS2013	7	4.3	69	7.5	5.4	64	36.3%	-0.10 [-0.44, 0.24]
Total (95% CI)			**201**			**169**	**100.0%**	**-0.14 [-0.34, 0.07]**

Heterogeneity: Tau² = 0.00; Chi² = 0.07, df = 1 (P = 0.80); I² = 0%

Test for overall effect: Z = 1.32 (P = 0.19)

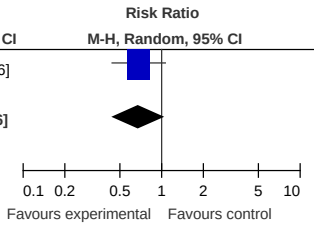


Depression symptomatology Short Follow-up (9-16 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	22	80	33	82	100.0%	0.68 [0.44, 1.06]
Total (95% CI)		**80**		**82**	**100.0%**	**0.68 [0.44, 1.06]**
Total events	22		33			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.69 (P = 0.09)

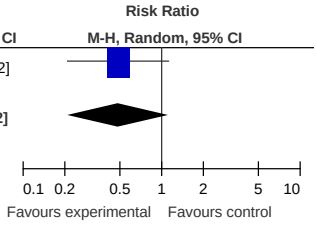


Depression symptomatology Short Follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	7	65	14	63	100.0%	0.48 [0.21, 1.12]
Total (95% CI)		**65**		**63**	**100.0%**	**0.48 [0.21, 1.12]**
Total events	7		14			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.69 (P = 0.09)

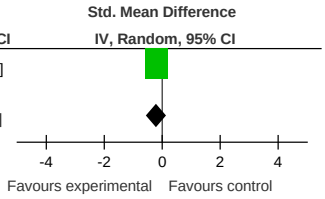


Depression mean scores Short Follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SEN2006/DENNIS2013	6.1	4.4	65	7.2	5.8	63	100.0%	-0.21 [-0.56, 0.13]
Total (95% CI)			**65**			**63**	**100.0%**	**-0.21 [-0.56, 0.13]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.20 (P = 0.23)

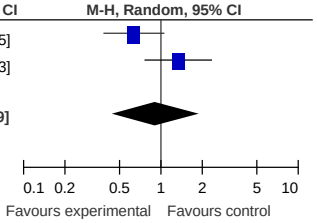


Depression symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	18	80	29	82	51.3%	0.64 [0.39, 1.05]
STAMP1995	22	73	16	71	48.7%	1.34 [0.77, 2.33]
Total (95% CI)		**153**		**153**	**100.0%**	**0.91 [0.44, 1.89]**
Total events	40		45			

Heterogeneity: Tau² = 0.20; Chi² = 3.79, df = 1 (P = 0.05); I² = 74%

Test for overall effect: Z = 0.24 (P = 0.81)

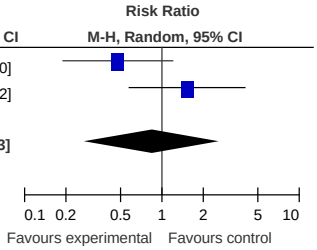


Depression symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	6	68	12	65	50.9%	0.48 [0.19, 1.20]
STAMP1995	9	60	6	61	49.1%	1.52 [0.58, 4.02]
Total (95% CI)		**128**		**126**	**100.0%**	**0.84 [0.27, 2.63]**
Total events	15		18			

Heterogeneity: Tau² = 0.44; Chi² = 2.90, df = 1 (P = 0.09); I² = 65%

Test for overall effect: Z = 0.29 (P = 0.77)

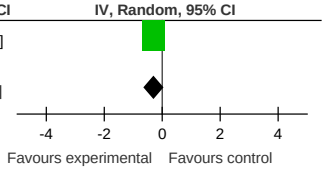


Depression mean scores Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SEN2006/DENNIS2013	5.4	4.5	68	6.9	5.5	65	100.0%	-0.30 [-0.64, 0.04]
Total (95% CI)			**68**			**65**	**100.0%**	**-0.30 [-0.64, 0.04]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.71 (P = 0.09)

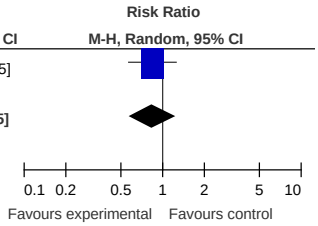


Depression symptomatology Long Follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	28	80	34	82	100.0%	0.84 [0.57, 1.25]
Total (95% CI)		**80**		**82**	**100.0%**	**0.84 [0.57, 1.25]**
Total events	28		34			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.84 (P = 0.40)

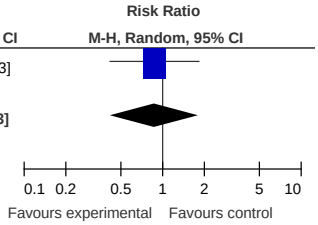


Depression symptomatology Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	11	63	12	60	100.0%	0.87 [0.42, 1.83]
Total (95% CI)		**63**		**60**	**100.0%**	**0.87 [0.42, 1.83]**
Total events	11		12			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.36 (P = 0.72)

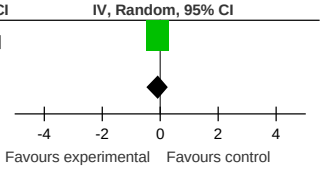


Depression mean scores Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SEN2006/DENNIS2013	7.2	5	63	7.6	4.4	60	100.0%	-0.08 [-0.44, 0.27]
Total (95% CI)			**63**			**60**	**100.0%**	**-0.08 [-0.44, 0.27]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.47 (P = 0.64)



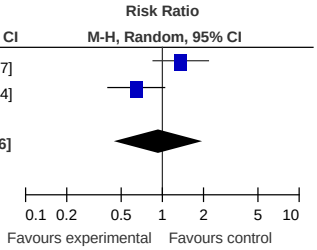
1.2.6 Depression: Home visits versus TAU

Depression symptomatology Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARNET2007	24	44	16	40	50.2%	1.36 [0.86, 2.17]
SPITTLE2010/2009/SPENCERS	18	61	27	59	49.8%	0.64 [0.40, 1.04]
Total (95% CI)		**105**		**99**	**100.0%**	**0.94 [0.45, 1.96]**
Total events	42		43			

Heterogeneity: Tau² = 0.22; Chi² = 4.88, df = 1 (P = 0.03); I² = 80%

Test for overall effect: Z = 0.17 (P = 0.87)

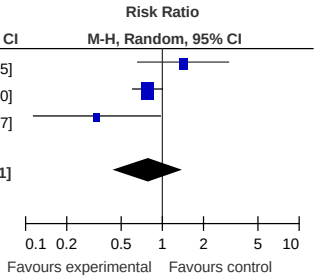


Depression symptomatology Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARNET2007	11	31	8	32	28.9%	1.42 [0.66, 3.05]
EASTERBROOKS2013	88	314	78	217	51.4%	0.78 [0.61, 1.00]
SPITTLE2010/2009/SPENCERS	4	47	11	43	19.7%	0.33 [0.11, 0.97]
Total (95% CI)		**392**		**292**	**100.0%**	**0.78 [0.44, 1.41]**
Total events	103		97			

Heterogeneity: Tau² = 0.16; Chi² = 4.80, df = 2 (P = 0.09); I² = 58%

Test for overall effect: Z = 0.81 (P = 0.42)

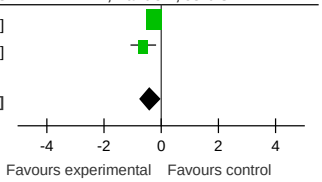


Depression mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
EASTERBROOKS2013	11.59	9.29	314	13.96	11.19	217	62.7%	-0.23 [-0.41, -0.06]
SPITTLE2010/2009/SPENCERS	3.3	2.6	47	5.2	3.4	43	37.3%	-0.63 [-1.05, -0.20]
Total (95% CI)			**361**			**260**	**100.0%**	**-0.38 [-0.75, -0.01]**

Heterogeneity: Tau² = 0.05; Chi² = 2.81, df = 1 (P = 0.09); I² = 64%

Test for overall effect: Z = 2.01 (P = 0.04)

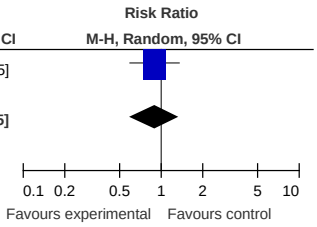


Depression symptomatology Very long Follow-up (>104 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	25	61	27	59	100.0%	0.90 [0.59, 1.35]
Total (95% CI)		**61**		**59**	**100.0%**	**0.90 [0.59, 1.35]**
Total events	25		27			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.53 (P = 0.60)

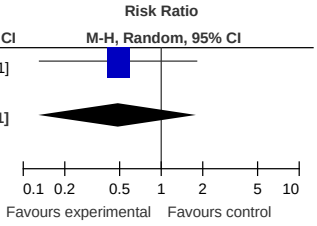


Depression symptomatology Very long Follow-up (>104 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	3	39	6	38	100.0%	0.49 [0.13, 1.81]
Total (95% CI)		**39**		**38**	**100.0%**	**0.49 [0.13, 1.81]**
Total events	3		6			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.07 (P = 0.28)

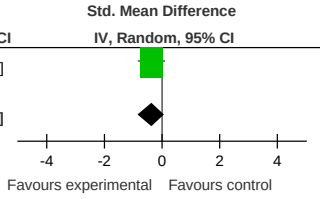


Depression mean scores Very long Follow-up (>104 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	3.4	3.5	39	4.6	2.9	38	100.0%	-0.37 [-0.82, 0.08]
Total (95% CI)			**39**			**38**	**100.0%**	**-0.37 [-0.82, 0.08]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.61 (P = 0.11)



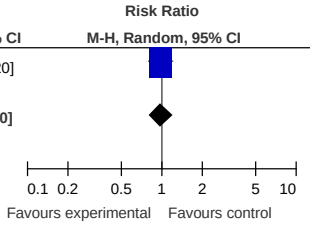
1.2.7 Depression: Post-delivery discussion versus Enhanced TAU

Depression symptomatology Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SMALL2000/2006	134	520	137	521	100.0%	0.98 [0.80, 1.20]
Total (95% CI)		**520**		**521**	**100.0%**	**0.98 [0.80, 1.20]**
Total events	134		137			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.19 (P = 0.85)

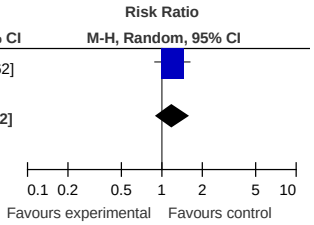


Depression symptomatology Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SMALL2000/2006	81	467	65	449	100.0%	1.20 [0.89, 1.62]
Total (95% CI)		**467**		**449**	**100.0%**	**1.20 [0.89, 1.62]**
Total events	81		65			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.18 (P = 0.24)

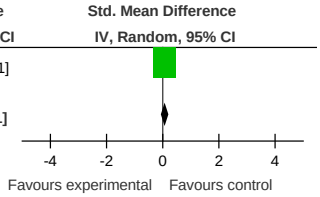


Depression mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SMALL2000/2006	7.16	5.68	467	6.72	5.5	449	100.0%	0.08 [-0.05, 0.21]
Total (95% CI)			**467**			**449**	**100.0%**	**0.08 [-0.05, 0.21]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.19 (P = 0.23)

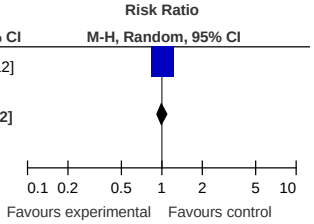


Depression symptomatology Very long Follow-up (>104 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SMALL2000/2006	298	520	296	521	100.0%	1.01 [0.91, 1.12]
Total (95% CI)		**520**		**521**	**100.0%**	**1.01 [0.91, 1.12]**
Total events	298		296			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.16 (P = 0.87)

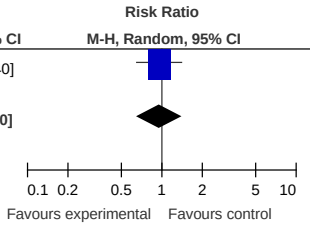


Depression symptomatology Very long Follow-up (>104 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SMALL2000/2006	42	264	45	270	100.0%	0.95 [0.65, 1.40]
Total (95% CI)		**264**		**270**	**100.0%**	**0.95 [0.65, 1.40]**
Total events	42		45			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.24 (P = 0.81)

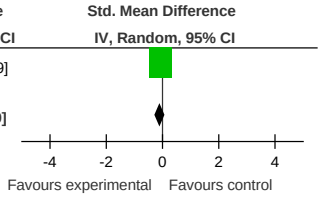


Depression mean scores Very long Follow-up (>104 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SMALL2000/2006	6.33	5.16	264	6.77	5.69	270	100.0%	-0.08 [-0.25, 0.09]
Total (95% CI)			**264**			**270**	**100.0%**	**-0.08 [-0.25, 0.09]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.93 (P = 0.35)



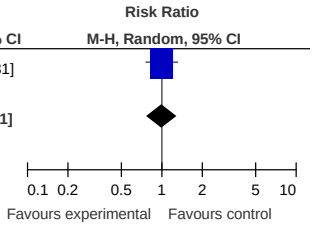
1.2.8 Depression: Mother-infant relationship interventions versus TAU

Depression diagnosis Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2009	71	220	74	229	100.0%	1.00 [0.76, 1.31]
Total (95% CI)		**220**		**229**	**100.0%**	**1.00 [0.76, 1.31]**
Total events	71		74			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.01 (P = 0.99)

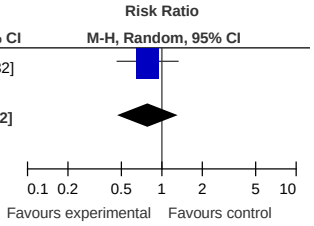


Depression diagnosis Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2009	21	170	29	184	100.0%	0.78 [0.47, 1.32]
Total (95% CI)		**170**		**184**	**100.0%**	**0.78 [0.47, 1.32]**
Total events	21		29			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.92 (P = 0.36)

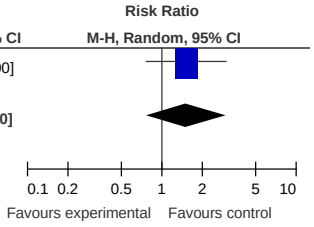


Depression symptomatology Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	17	56	10	50	100.0%	1.52 [0.77, 3.00]
Total (95% CI)		**56**		**50**	**100.0%**	**1.52 [0.77, 3.00]**
Total events	17		10			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.20 (P = 0.23)

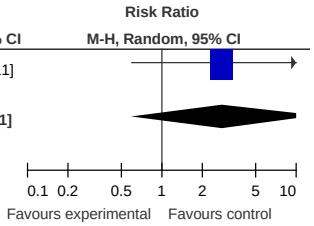


Depression symptomatology Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	6	45	2	42	100.0%	2.80 [0.60, 13.11]
Total (95% CI)		**45**		**42**	**100.0%**	**2.80 [0.60, 13.11]**
Total events	6		2			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.31 (P = 0.19)

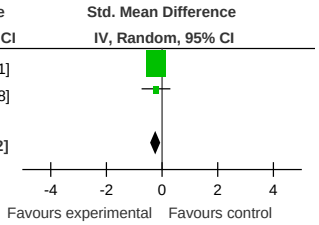


Depression mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2009	2.78	4.54	170	3.91	5.8	184	84.9%	-0.22 [-0.42, -0.01]
NEWNHAM2009	7.93	4.56	32	8.99	4.99	31	15.1%	-0.22 [-0.71, 0.28]
Total (95% CI)			**202**			**215**	**100.0%**	**-0.22 [-0.41, -0.02]**

Heterogeneity: Tau² = 0.00; Chi² = 0.00, df = 1 (P = 0.99); I² = 0%

Test for overall effect: Z = 2.20 (P = 0.03)

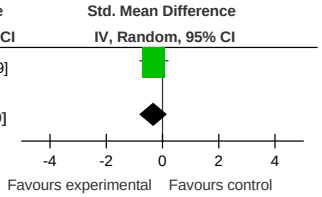


Depression mean scores Short Follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEWNHAM2009	8.1	5.4	32	9.7	4.99	31	100.0%	-0.30 [-0.80, 0.19]
Total (95% CI)			**32**			**31**	**100.0%**	**-0.30 [-0.80, 0.19]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.20 (P = 0.23)

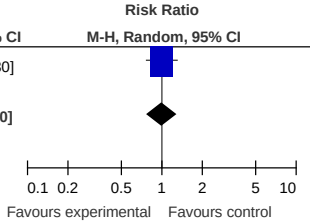


Depression diagnosis Long Follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2009	73	220	76	229	100.0%	1.00 [0.77, 1.30]
Total (95% CI)		**220**		**229**	**100.0%**	**1.00 [0.77, 1.30]**
Total events	73		76			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.00 (P = 1.00)

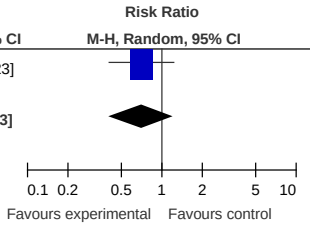


Depression diagnosis Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2009	18	165	28	181	100.0%	0.71 [0.41, 1.23]
Total (95% CI)		**165**		**181**	**100.0%**	**0.71 [0.41, 1.23]**
Total events	18		28			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.24 (P = 0.22)

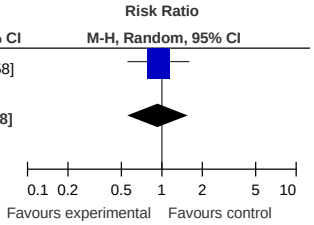


Depression symptomatology Long Follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	19	56	18	50	100.0%	0.94 [0.56, 1.58]
Total (95% CI)		**56**		**50**	**100.0%**	**0.94 [0.56, 1.58]**
Total events	19		18			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.22 (P = 0.82)

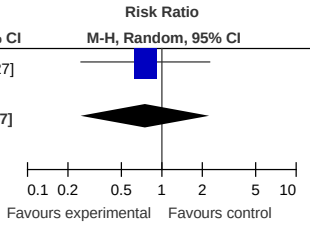


Depression symptomatology Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	5	42	6	38	100.0%	0.75 [0.25, 2.27]
Total (95% CI)		**42**		**38**	**100.0%**	**0.75 [0.25, 2.27]**
Total events	5		6			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.50 (P = 0.62)

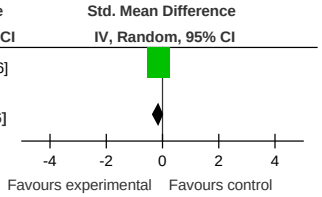


Depression mean scores Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2009	1.93	4.54	170	2.69	5.86	184	100.0%	-0.14 [-0.35, 0.06]
Total (95% CI)			**170**			**184**	**100.0%**	**-0.14 [-0.35, 0.06]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.35 (P = 0.18)



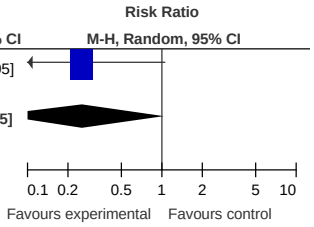
1.2.9 Depression: Case management and individualized treatment versus TAU

Depression symptomatology Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MEYER1994	2	18	7	16	100.0%	0.25 [0.06, 1.05]
Total (95% CI)		**18**		**16**	**100.0%**	**0.25 [0.06, 1.05]**
Total events	2		7			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.89 (P = 0.06)

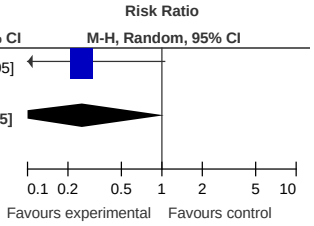


Depression symptomatology Post-treatment -Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MEYER1994	2	18	7	16	100.0%	0.25 [0.06, 1.05]
Total (95% CI)		**18**		**16**	**100.0%**	**0.25 [0.06, 1.05]**
Total events	2		7			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.89 (P = 0.06)



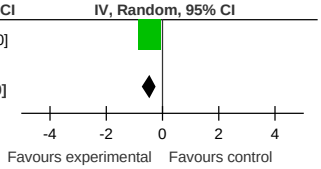
1.2.10 Anxiety: Post-miscarriage self-help versus TAU

Anxiety mean scores Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KERSTING2013	0.37	0.41	115	0.63	0.67	113	100.0%	-0.47 [-0.73, -0.20]
Total (95% CI)			**115**			**113**	**100.0%**	**-0.47 [-0.73, -0.20]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.48 (P = 0.0005)



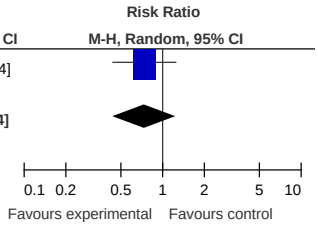
1.2.11 Anxiety: Non-mental health-focused education and support versus TAU or Enhanced TAU

Anxiety symptomatology Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	18	80	25	82	100.0%	0.74 [0.44, 1.24]
Total (95% CI)		**80**		**82**	**100.0%**	**0.74 [0.44, 1.24]**
Total events	18		25			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.14 (P = 0.25)

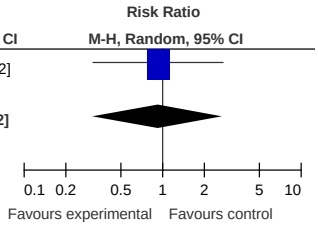


Anxiety symptomatology Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	6	68	6	63	100.0%	0.93 [0.32, 2.72]
Total (95% CI)		**68**		**63**	**100.0%**	**0.93 [0.32, 2.72]**
Total events	6		6			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.14 (P = 0.89)

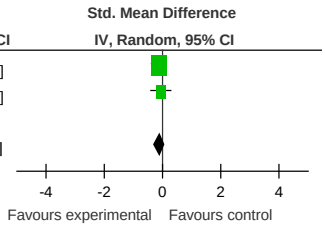


Anxiety mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MELNYK2006	31.08	4.340939	134	31.63	4.587602	105	64.3%	-0.12 [-0.38, 0.13]
SEN2006/DENNIS2013	5.1	3.3	68	5.3	3.7	63	35.7%	-0.06 [-0.40, 0.29]
Total (95% CI)			**202**			**168**	**100.0%**	**-0.10 [-0.30, 0.11]**

Heterogeneity: Tau² = 0.00; Chi² = 0.09, df = 1 (P = 0.76); I² = 0%

Test for overall effect: Z = 0.95 (P = 0.34)

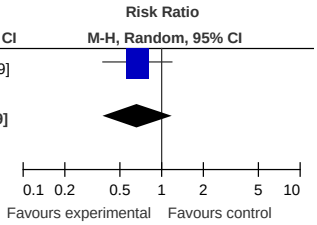


Anxiety symptomatology Short Follow-up (9-16 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	15	80	23	82	100.0%	0.67 [0.38, 1.19]
Total (95% CI)		**80**		**82**	**100.0%**	**0.67 [0.38, 1.19]**
Total events	15		23			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.38 (P = 0.17)

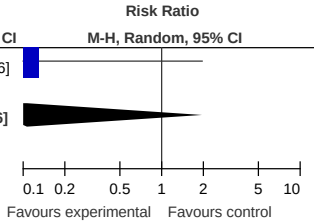


Anxiety symptomatology Short Follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	0	65	4	63	100.0%	0.11 [0.01, 1.96]
Total (95% CI)		**65**		**63**	**100.0%**	**0.11 [0.01, 1.96]**
Total events	0		4			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.51 (P = 0.13)

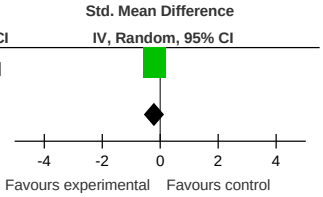


Anxiety mean scores Short Follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SEN2006/DENNIS2013	3.5	2.5	65	4.1	3.5	63	100.0%	-0.20 [-0.54, 0.15]
Total (95% CI)			**65**			**63**	**100.0%**	**-0.20 [-0.54, 0.15]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.11 (P = 0.27)

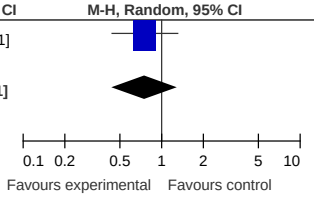


Anxiety symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	17	80	23	82	100.0%	0.76 [0.44, 1.31]
Total (95% CI)		**80**		**82**	**100.0%**	**0.76 [0.44, 1.31]**
Total events	17		23			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.00 (P = 0.32)

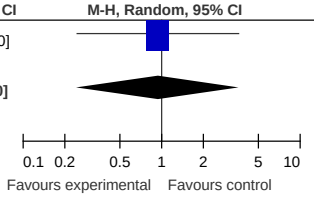


Anxiety symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	4	67	4	63	100.0%	0.94 [0.25, 3.60]
Total (95% CI)		**67**		**63**	**100.0%**	**0.94 [0.25, 3.60]**
Total events	4		4			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.09 (P = 0.93)

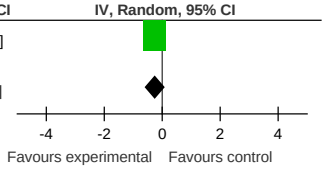


Anxiety mean scores Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SEN2006/DENNIS2013	4.5	3	67	5.4	3.9	63	100.0%	-0.26 [-0.60, 0.09]
Total (95% CI)			**67**			**63**	**100.0%**	**-0.26 [-0.60, 0.09]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.46 (P = 0.14)



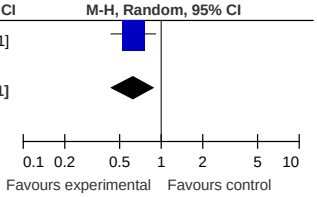
1.2.12 Anxiety: Home visits versus TAU

Anxiety symptomatology Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	24	61	37	59	100.0%	0.63 [0.43, 0.91]
Total (95% CI)		**61**		**59**	**100.0%**	**0.63 [0.43, 0.91]**
Total events	24		37			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.48 (P = 0.01)

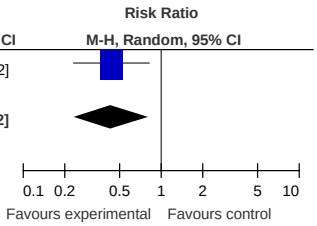


Anxiety symptomatology Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	10	47	21	43	100.0%	0.44 [0.23, 0.82]
Total (95% CI)		**47**		**43**	**100.0%**	**0.44 [0.23, 0.82]**
Total events	10		21			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.59 (P = 0.010)

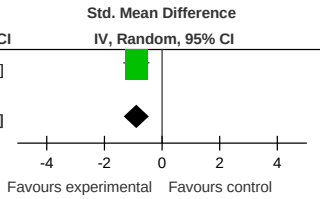


Anxiety mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	5	3.3	47	8.1	3.6	43	100.0%	-0.89 [-1.33, -0.46]
Total (95% CI)			**47**			**43**	**100.0%**	**-0.89 [-1.33, -0.46]**

Heterogeneity: Not applicable

Test for overall effect: Z = 4.02 (P < 0.0001)

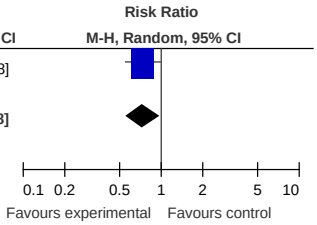


Anxiety symptomatology Long Follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	32	61	42	59	100.0%	0.74 [0.55, 0.98]
Total (95% CI)		**61**		**59**	**100.0%**	**0.74 [0.55, 0.98]**
Total events	32		42			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.07 (P = 0.04)

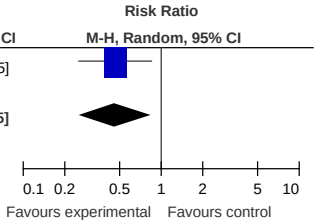


Anxiety symptomatology Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	10	39	21	38	100.0%	0.46 [0.25, 0.85]
Total (95% CI)		**39**		**38**	**100.0%**	**0.46 [0.25, 0.85]**
Total events	10		21			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.48 (P = 0.01)

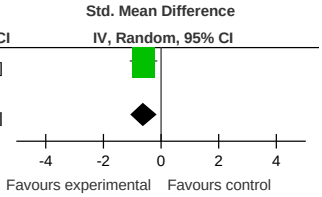


Anxiety mean scores Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	5.8	2.9	39	7.7	3.3	38	100.0%	-0.61 [-1.06, -0.15]
Total (95% CI)			**39**			**38**	**100.0%**	**-0.61 [-1.06, -0.15]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.60 (P = 0.009)



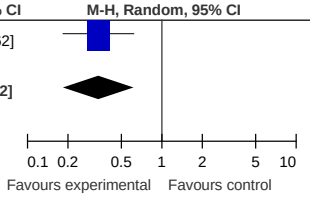
1.2.13 PTSD: Post-miscarriage self-help versus TAU

PTSD symptomatology Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2013	12	115	35	113	100.0%	0.34 [0.18, 0.62]
Total (95% CI)		**115**		**113**	**100.0%**	**0.34 [0.18, 0.62]**
Total events	12		35			

Heterogeneity: Not applicable

Test for overall effect: Z = 3.54 (P = 0.0004)

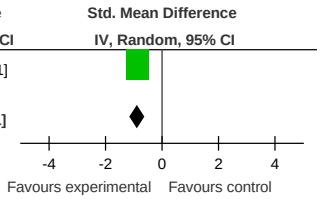


PTSD mean scores Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KERSTING2013	17.64	12.22	115	28.27	11.81	113	100.0%	-0.88 [-1.15, -0.61]
Total (95% CI)			**115**			**113**	**100.0%**	**-0.88 [-1.15, -0.61]**

Heterogeneity: Not applicable

Test for overall effect: Z = 6.35 (P < 0.00001)



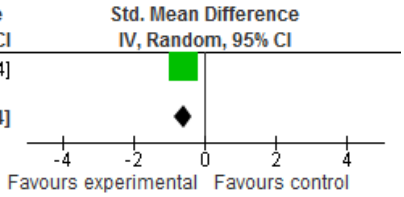
1.2.14 General mental health: Post-miscarriage self-help versus TAU

General mental health mean scores Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KERSTING2013	0.47	0.43	115	0.75	0.49	113	100.0%	-0.61 [-0.87, -0.34]
Total (95% CI)			**115**			**113**	**100.0%**	**-0.61 [-0.87, -0.34]**

Heterogeneity: Not applicable

Test for overall effect: Z = 4.47 (P < 0.00001)



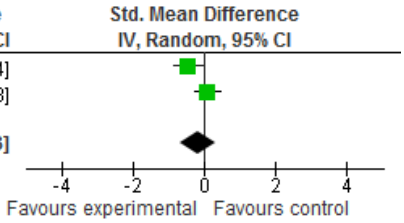
1.2.15 General mental health: Home visits versus TAU

General mental health mean scores Post-treatment – Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ARACENA2009	10.94	5.58	45	13.85	6.99	45	48.0%	-0.46 [-0.87, -0.04]
BARLOW2007	12.34	5.56	61	11.88	7.24	56	52.0%	0.07 [-0.29, 0.43]
Total (95% CI)			**106**			**101**	**100.0%**	**-0.18 [-0.70, 0.33]**

Heterogeneity: Tau² = 0.10; Chi² = 3.48, df = 1 (P = 0.06); I² = 71%

Test for overall effect: Z = 0.69 (P = 0.49)



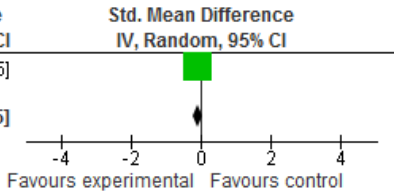
1.2.16 General mental health: Post-delivery discussion versus Enhanced TAU

General mental health mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SMALL2000/2006	69.69	18.79	467	71.2	18.14	450	100.0%	-0.08 [-0.21, 0.05]
Total (95% CI)			**467**			**450**	**100.0%**	**-0.08 [-0.21, 0.05]**

Heterogeneity: Not applicable

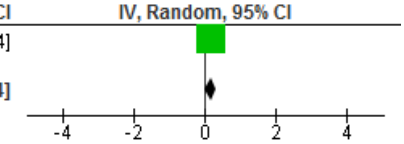
Test for overall effect: Z = 1.24 (P = 0.22)



General mental health mean scores Very long follow-up (>104 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SMALL2000/2006	47	10.7	264	45.2	10.8	270	100.0%	0.17 [-0.00, 0.34]
Total (95% CI)			**264**			**270**	**100.0%**	**0.17 [-0.00, 0.34]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.93 (P = 0.05)

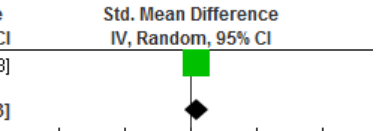


1.2.17 General mental health: Mother-infant relationship interventions versus TAU

General mental health mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	7.36	5.71	64	6.3	5.88	61	100.0%	0.18 [-0.17, 0.53]
Total (95% CI)			**64**			**61**	**100.0%**	**0.18 [-0.17, 0.53]**

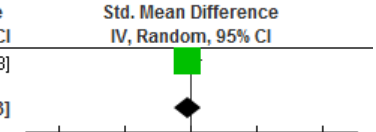
Heterogeneity: Not applicable
Test for overall effect: Z = 1.01 (P = 0.31)



General mental health mean scores Long follow-up (25-104 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	3.8	4.88	49	4.31	5.88	39	100.0%	-0.09 [-0.52, 0.33]
Total (95% CI)			**49**			**39**	**100.0%**	**-0.09 [-0.52, 0.33]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.44 (P = 0.66)

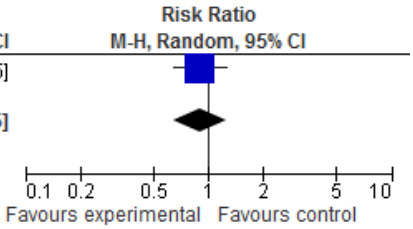


1.2.18 Mother-infant attachment: Non-mental health-focused education and support versus TAU or Enhanced TAU

Mother-infant attachment problems Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	36	80	41	82	100.0%	0.90 [0.65, 1.25]
Total (95% CI)		**80**		**82**	**100.0%**	**0.90 [0.65, 1.25]**
Total events	36		41			

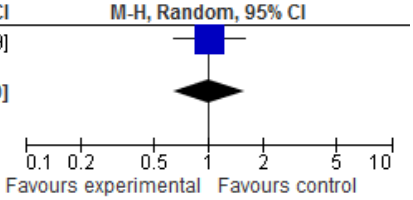
Heterogeneity: Not applicable
Test for overall effect: Z = 0.64 (P = 0.52)



Mother-infant attachment problems Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	25	69	23	64	100.0%	1.01 [0.64, 1.59]
Total (95% CI)		**69**		**64**	**100.0%**	**1.01 [0.64, 1.59]**
Total events	25		23			

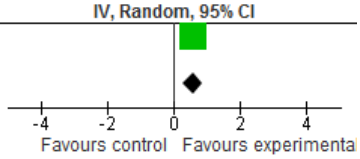
Heterogeneity: Not applicable
Test for overall effect: Z = 0.04 (P = 0.97)



Positive mother-infant interaction mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MELNYK2006	4.87	0.892948	116	4.36	0.895114	95	100.0%	0.57 [0.29, 0.85]
Total (95% CI)			**116**			**95**	**100.0%**	**0.57 [0.29, 0.85]**

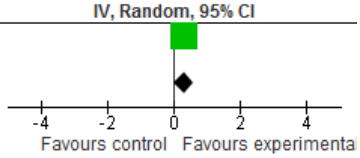
Heterogeneity: Not applicable
Test for overall effect: Z = 4.03 (P < 0.0001)



Maternal sensitivity mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MELNYK2006	81.63	9.206135	112	78.85	9.208407	87	100.0%	0.30 [0.02, 0.58]
Total (95% CI)			**112**			**87**	**100.0%**	**0.30 [0.02, 0.58]**

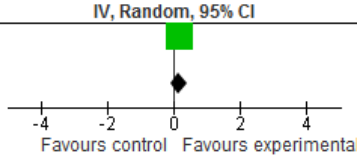
Heterogeneity: Not applicable
Test for overall effect: Z = 2.09 (P = 0.04)



Maternal confidence mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MELNYK2006	41.06	2.569127	134	40.67	2.559632	107	100.0%	0.15 [-0.10, 0.41]
Total (95% CI)			**134**			**107**	**100.0%**	**0.15 [-0.10, 0.41]**

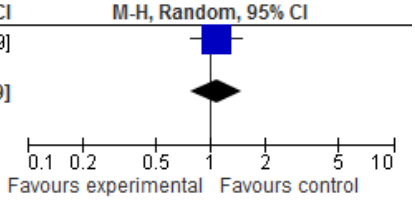
Heterogeneity: Not applicable
Test for overall effect: Z = 1.17 (P = 0.24)



Mother-infant attachment problems Short Follow-up (9-16 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	40	80	38	82	100.0%	1.08 [0.78, 1.49]
Total (95% CI)		**80**		**82**	**100.0%**	**1.08 [0.78, 1.49]**
Total events	40		38			

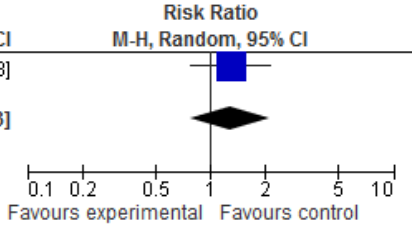
Heterogeneity: Not applicable
Test for overall effect: Z = 0.47 (P = 0.64)



Mother-infant attachment problems Short Follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	24	64	18	62	100.0%	1.29 [0.78, 2.13]
Total (95% CI)		**64**		**62**	**100.0%**	**1.29 [0.78, 2.13]**
Total events	24		18			

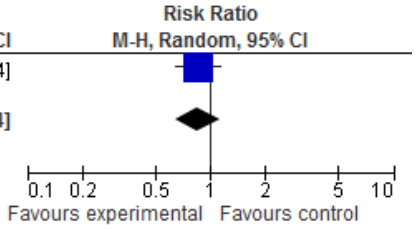
Heterogeneity: Not applicable
Test for overall effect: Z = 1.00 (P = 0.32)



Mother-infant attachment problems Intermediate Follow-up (17-24 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	40	80	48	82	100.0%	0.85 [0.64, 1.14]
Total (95% CI)		**80**		**82**	**100.0%**	**0.85 [0.64, 1.14]**
Total events	40		48			

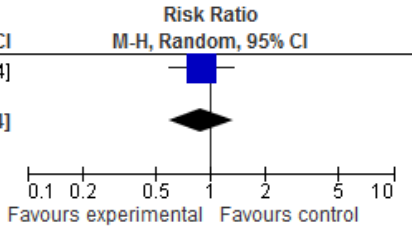
Heterogeneity: Not applicable
Test for overall effect: Z = 1.08 (P = 0.28)



Mother-infant attachment problems Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	26	66	27	61	100.0%	0.89 [0.59, 1.34]
Total (95% CI)		**66**		**61**	**100.0%**	**0.89 [0.59, 1.34]**
Total events	26		27			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.56 (P = 0.58)

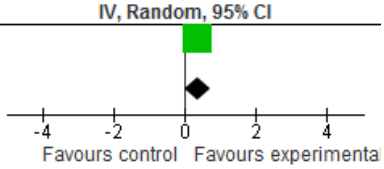


1.2.19 Mother-infant attachment: Home visits versus TAU

Maternal sensitivity mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BARLOW2007	9.27	2.67	62	8.2	3.26	59	100.0%	0.36 [-0.00, 0.72]
Total (95% CI)			**62**			**59**	**100.0%**	**0.36 [-0.00, 0.72]**

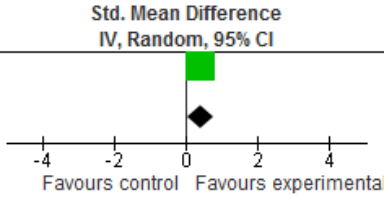
Heterogeneity: Not applicable
Test for overall effect: Z = 1.95 (P = 0.05)



Infant involvement mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BARLOW2007	9.35	3.08	62	7.92	3.7	59	100.0%	0.42 [0.06, 0.78]
Total (95% CI)			**62**			**59**	**100.0%**	**0.42 [0.06, 0.78]**

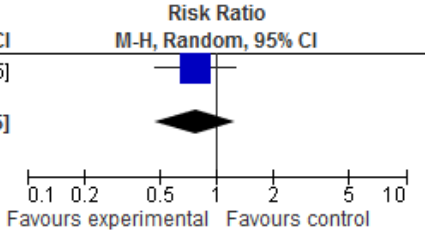
Heterogeneity: Not applicable
Test for overall effect: Z = 2.27 (P = 0.02)



Discontinued breastfeeding <6 months - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARLOW2007	20	68	24	63	100.0%	0.77 [0.48, 1.25]
Total (95% CI)		**68**		**63**	**100.0%**	**0.77 [0.48, 1.25]**
Total events	20		24			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.05 (P = 0.30)

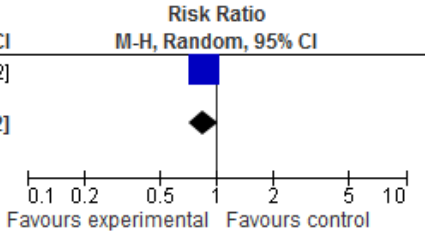


1.2.20 Mother-infant attachment: Mother-infant relationship interventions versus TAU

Mother-infant attachment problems Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2009	104	220	127	229	100.0%	0.85 [0.71, 1.02]
Total (95% CI)		**220**		**229**	**100.0%**	**0.85 [0.71, 1.02]**
Total events	104		127			

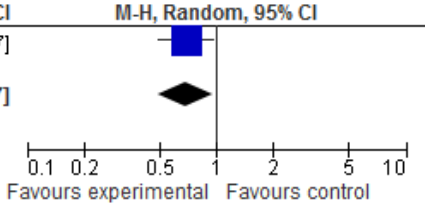
Heterogeneity: Not applicable
Test for overall effect: Z = 1.72 (P = 0.08)



Mother-infant attachment problems Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2009	40	156	60	162	100.0%	0.69 [0.50, 0.97]
Total (95% CI)		**156**		**162**	**100.0%**	**0.69 [0.50, 0.97]**
Total events	40		60			

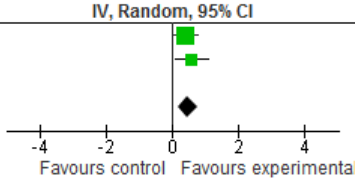
Heterogeneity: Not applicable
Test for overall effect: Z = 2.16 (P = 0.03)



Positive mother-infant interaction mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	3.9	4	57	2.5	3	55	64.6%	0.39 [0.02, 0.77]
NEWNHAM2009	0.29	0.09	32	0.23	0.11	31	35.4%	0.59 [0.09, 1.10]
Total (95% CI)			**89**			**86**	**100.0%**	**0.46 [0.16, 0.76]**

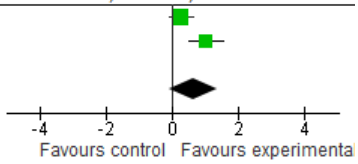
Heterogeneity: Tau² = 0.00; Chi² = 0.38, df = 1 (P = 0.54); I² = 0%
Test for overall effect: Z = 3.01 (P = 0.003)



Maternal sensitivity mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	4.13	0.78	53	3.91	0.84	56	53.2%	0.27 [-0.11, 0.65]
NEWNHAM2009	1.97	0.08	32	1.64	0.45	31	46.8%	1.02 [0.49, 1.54]
Total (95% CI)			**85**			**87**	**100.0%**	**0.62 [-0.11, 1.35]**

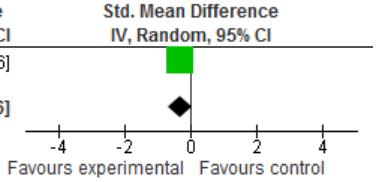
Heterogeneity: Tau² = 0.22; Chi² = 5.11, df = 1 (P = 0.02); I² = 80%
Test for overall effect: Z = 1.66 (P = 0.10)



Maternal intrusiveness mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	1.75	0.87	53	2.04	0.93	56	100.0%	-0.32 [-0.70, 0.06]
Total (95% CI)			**53**			**56**	**100.0%**	**-0.32 [-0.70, 0.06]**

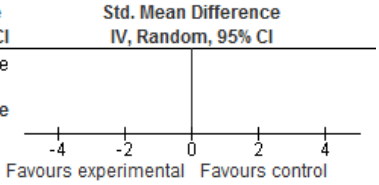
Heterogeneity: Not applicable
Test for overall effect: Z = 1.66 (P = 0.10)



Maternal negative engagement mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	0.1	0.67	57	0	0	55		Not estimable
Total (95% CI)			**57**			**55**		**Not estimable**

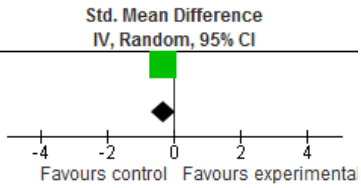
Heterogeneity: Not applicable
Test for overall effect: Not applicable



Infant involvement mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	4.7	6.3	57	8.1	14	55	100.0%	-0.31 [-0.69, 0.06]
Total (95% CI)			**57**			**55**	**100.0%**	**-0.31 [-0.69, 0.06]**

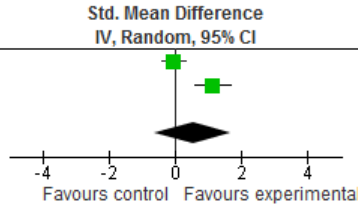
Heterogeneity: Not applicable
Test for overall effect: Z = 1.65 (P = 0.10)



Infant responsivity mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	24.4	16.8	57	25.2	14.6	55	51.4%	-0.05 [-0.42, 0.32]
NEWNHAM2009	1.03	0.1	32	0.59	0.54	31	48.6%	1.13 [0.59, 1.66]
Total (95% CI)			**89**			**86**	**100.0%**	**0.52 [-0.63, 1.68]**

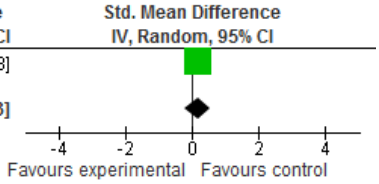
Heterogeneity: Tau² = 0.64; Chi² = 12.62, df = 1 (P = 0.0004); I² = 92%
Test for overall effect: Z = 0.89 (P = 0.38)



Infant negative engagement/behaviour problems mean score Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	2.8	9.1	57	1.6	5.2	55	100.0%	0.16 [-0.21, 0.53]
Total (95% CI)			**57**			**55**	**100.0%**	**0.16 [-0.21, 0.53]**

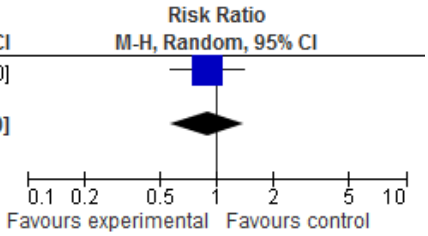
Heterogeneity: Not applicable
Test for overall effect: Z = 0.85 (P = 0.40)



Discontinued breastfeeding <6 months - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	22	56	22	50	100.0%	0.89 [0.57, 1.40]
Total (95% CI)		**56**		**50**	**100.0%**	**0.89 [0.57, 1.40]**
Total events	22		22			

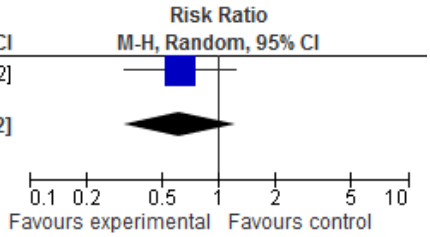
Heterogeneity: Not applicable
Test for overall effect: Z = 0.49 (P = 0.62)



Discontinued breastfeeding <6 months - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	10	44	16	44	100.0%	0.63 [0.32, 1.22]
Total (95% CI)		**44**		**44**	**100.0%**	**0.63 [0.32, 1.22]**
Total events	10		16			

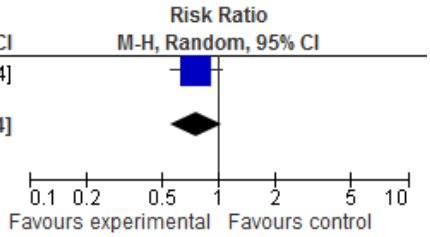
Heterogeneity: Not applicable
Test for overall effect: Z = 1.37 (P = 0.17)



Discontinued breastfeeding <9 months - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	29	56	34	50	100.0%	0.76 [0.56, 1.04]
Total (95% CI)		**56**		**50**	**100.0%**	**0.76 [0.56, 1.04]**
Total events	29		34			

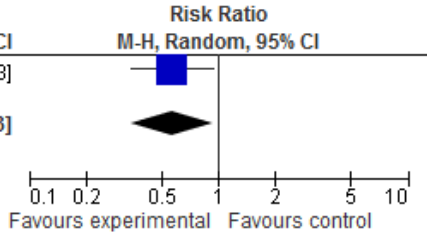
Heterogeneity: Not applicable
Test for overall effect: Z = 1.69 (P = 0.09)



Discontinued breastfeeding <9 months - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	14	41	24	40	100.0%	0.57 [0.35, 0.93]
Total (95% CI)		**41**		**40**	**100.0%**	**0.57 [0.35, 0.93]**
Total events	14		24			

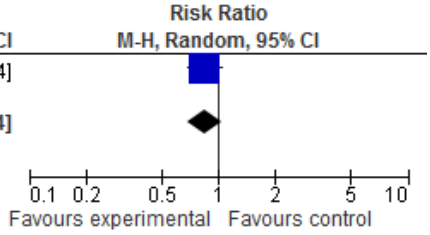
Heterogeneity: Not applicable
Test for overall effect: Z = 2.23 (P = 0.03)



Discontinued breastfeeding <12 months - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	40	56	42	50	100.0%	0.85 [0.69, 1.04]
Total (95% CI)		**56**		**50**	**100.0%**	**0.85 [0.69, 1.04]**
Total events	40		42			

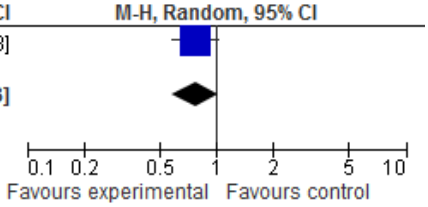
Heterogeneity: Not applicable
Test for overall effect: Z = 1.55 (P = 0.12)



Discontinued breastfeeding <12 months - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAVN2012	26	42	32	40	100.0%	0.77 [0.58, 1.03]
Total (95% CI)		**42**		**40**	**100.0%**	**0.77 [0.58, 1.03]**
Total events	26		32			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.77 (P = 0.08)

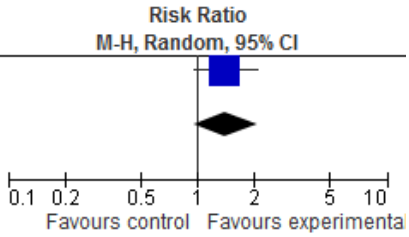


1.2.21 Mother-infant attachment: Case management and individualized treatment versus TAU

Maternal sensitivity Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MEYER1994	14	15	10	15	100.0%	1.40 [0.95, 2.05]
Total (95% CI)		**15**		**15**	**100.0%**	**1.40 [0.95, 2.05]**
Total events	14		10			

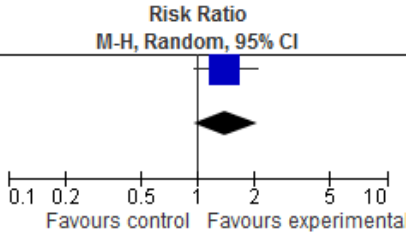
Heterogeneity: Not applicable
Test for overall effect: Z = 1.72 (P = 0.08)



Maternal sensitivity Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MEYER1994	14	15	10	15	100.0%	1.40 [0.95, 2.05]
Total (95% CI)		**15**		**15**	**100.0%**	**1.40 [0.95, 2.05]**
Total events	14		10			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.72 (P = 0.08)

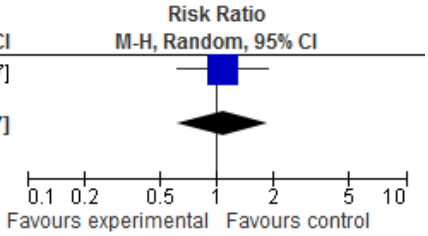


1.2.22 Quality of life: Psychologically (CBT/IPT)-informed psychoeducation versus TAU or Enhanced TAU

Poor social support Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BRUGHA2000	21	103	20	106	100.0%	1.08 [0.62, 1.87]
Total (95% CI)		**103**		**106**	**100.0%**	**1.08 [0.62, 1.87]**
Total events	21		20			

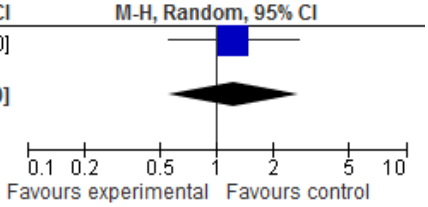
Heterogeneity: Not applicable
Test for overall effect: Z = 0.28 (P = 0.78)



Poor social support Post-treatment - Available case (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BRUGHA2000	12	94	10	96	100.0%	1.23 [0.56, 2.70]
Total (95% CI)		**94**		**96**	**100.0%**	**1.23 [0.56, 2.70]**
Total events	12		10			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.50 (P = 0.61)

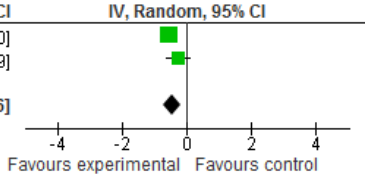


1.2.23 Quality of life: Non-mental health-focused education and support versus TAU or Enhanced TAU

Parental stress mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MELNYK2006	1.78	0.356997	136	1.98	0.359551	109	59.3%	-0.56 [-0.81, -0.30]
SEN2006/DENNIS2013	65.7	14.2	65	69.6	14.7	59	40.7%	-0.27 [-0.62, 0.09]
Total (95% CI)			**201**			**168**	**100.0%**	**-0.44 [-0.72, -0.16]**

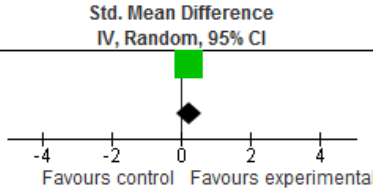
Heterogeneity: Tau² = 0.02; Chi² = 1.67, df = 1 (P = 0.20); I² = 40%
Test for overall effect: Z = 3.10 (P = 0.002)



Social support mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SEN2006/DENNIS2013	16	3.1	69	15.3	3.1	64	100.0%	0.22 [-0.12, 0.57]
Total (95% CI)			**69**			**64**	**100.0%**	**0.22 [-0.12, 0.57]**

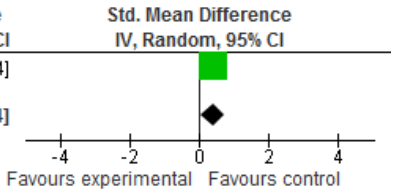
Heterogeneity: Not applicable
Test for overall effect: Z = 1.29 (P = 0.20)



Social support mean scores Short Follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SEN2006/DENNIS2013	16.4	2.4	64	15.3	3.2	63	100.0%	0.39 [0.04, 0.74]
Total (95% CI)			**64**			**63**	**100.0%**	**0.39 [0.04, 0.74]**

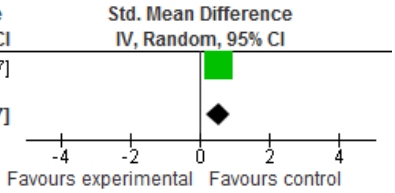
Heterogeneity: Not applicable
Test for overall effect: Z = 2.16 (P = 0.03)



Social support mean scores Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SEN2006/DENNIS2013	16.1	2.7	66	14.6	3	63	100.0%	0.52 [0.17, 0.87]
Total (95% CI)			**66**			**63**	**100.0%**	**0.52 [0.17, 0.87]**

Heterogeneity: Not applicable
Test for overall effect: Z = 2.92 (P = 0.004)

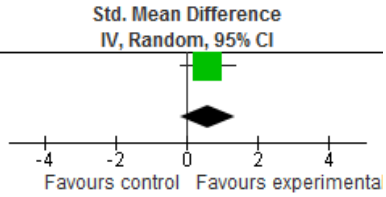


1.2.24 Quality of life: Home visits versus TAU

Social support mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BARLOW2007	19.41	7.97	17	15	6.37	12	100.0%	0.58 [-0.17, 1.34]
Total (95% CI)			**17**			**12**	**100.0%**	**0.58 [-0.17, 1.34]**

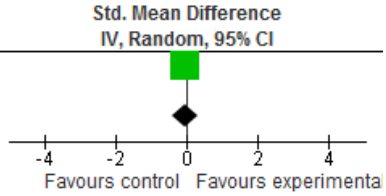
Heterogeneity: Not applicable
Test for overall effect: Z = 1.51 (P = 0.13)



Self-esteem mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BARLOW2007	29.19	5.39	59	29.42	6.24	55	100.0%	-0.04 [-0.41, 0.33]
Total (95% CI)			**59**			**55**	**100.0%**	**-0.04 [-0.41, 0.33]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.21 (P = 0.83)

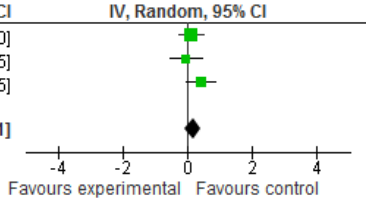


1.2.25 Quality of life: Mother-infant relationship interventions versus TAU

Parental stress mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	43.65	16.84	60	41.96	14.76	43	41.8%	0.10 [-0.29, 0.50]
NEWNHAM2009	91.34	104.68	32	94.6	12.24	31	26.3%	-0.04 [-0.54, 0.45]
RAVN2012	59.8	11.5	40	55	12.1	38	31.9%	0.40 [-0.05, 0.85]
Total (95% CI)			**132**			**112**	**100.0%**	**0.16 [-0.09, 0.41]**

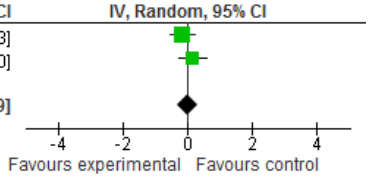
Heterogeneity: Tau² = 0.00; Chi² = 1.85, df = 2 (P = 0.40); I² = 0%
Test for overall effect: Z = 1.25 (P = 0.21)



Parental stress mean scores Long follow-up (25-104 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEIJSSEN2010A/2010B/2011	225.85	58.68	60	234.98	53.7	43	55.0%	-0.16 [-0.55, 0.23]
RAVN2012	197.2	32.5	41	192.3	28.2	39	45.0%	0.16 [-0.28, 0.60]
Total (95% CI)			**101**			**82**	**100.0%**	**-0.02 [-0.33, 0.29]**

Heterogeneity: Tau² = 0.01; Chi² = 1.13, df = 1 (P = 0.29); I² = 11%
Test for overall effect: Z = 0.10 (P = 0.92)

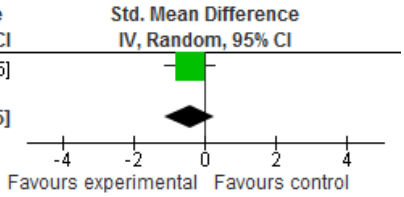


1.2.26 Quality of life: Case management and individualized treatment versus TAU

Parental stress mean scores Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEYER1994	72.3	41.8	18	87.8	26.2	16	100.0%	-0.43 [-1.11, 0.25]
Total (95% CI)			**18**			**16**	**100.0%**	**-0.43 [-1.11, 0.25]**

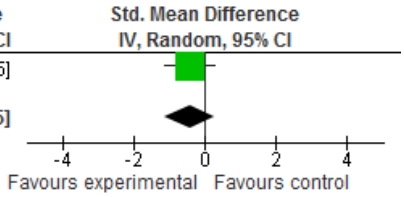
Heterogeneity: Not applicable
Test for overall effect: Z = 1.23 (P = 0.22)



Parental stress mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEYER1994	72.3	41.8	18	87.8	26.2	16	100.0%	-0.43 [-1.11, 0.25]
Total (95% CI)			**18**			**16**	**100.0%**	**-0.43 [-1.11, 0.25]**

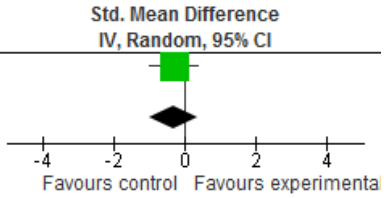
Heterogeneity: Not applicable
Test for overall effect: Z = 1.23 (P = 0.22)



Self-esteem mean scores Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEYER1994	109	9.8	18	112.3	11.9	16	100.0%	-0.30 [-0.97, 0.38]
Total (95% CI)			**18**			**16**	**100.0%**	**-0.30 [-0.97, 0.38]**

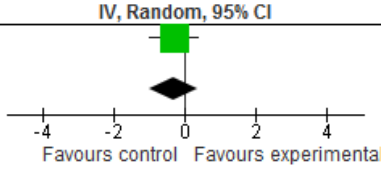
Heterogeneity: Not applicable
Test for overall effect: Z = 0.86 (P = 0.39)



Self-esteem mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MEYER1994	109	9.8	18	112.3	11.9	16	100.0%	-0.30 [-0.97, 0.38]
Total (95% CI)			**18**			**16**	**100.0%**	**-0.30 [-0.97, 0.38]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.86 (P = 0.39)

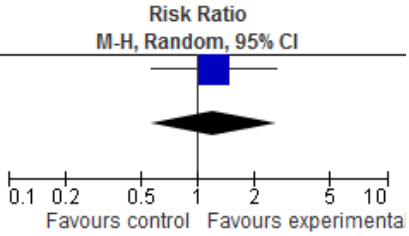


1.2.27 Service utilisation: Psychologically (CBT/IPT)-informed psychoeducation versus TAU or Enhanced TAU

Contact with primary and/or secondary care Post-Treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BRUGHA2000	13	103	11	106	100.0%	1.22 [0.57, 2.59]
Total (95% CI)		**103**		**106**	**100.0%**	**1.22 [0.57, 2.59]**
Total events	13		11			

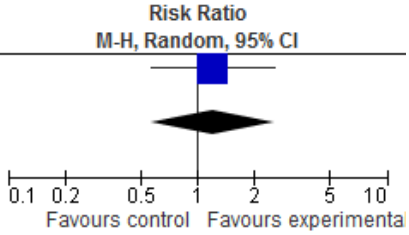
Heterogeneity: Not applicable
Test for overall effect: Z = 0.51 (P = 0.61)



Contact with primary and/or secondary care Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BRUGHA2000	13	94	11	96	100.0%	1.21 [0.57, 2.56]
Total (95% CI)		**94**		**96**	**100.0%**	**1.21 [0.57, 2.56]**
Total events	13		11			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.49 (P = 0.62)

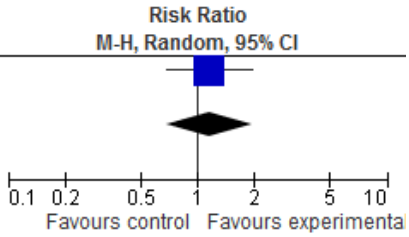


1.2.28 Service utilisation: Home visits versus TAU

Maternal contact with primary and/or secondary care Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARNET2007	19	44	15	40	100.0%	1.15 [0.68, 1.95]
Total (95% CI)		**44**		**40**	**100.0%**	**1.15 [0.68, 1.95]**
Total events	19		15			

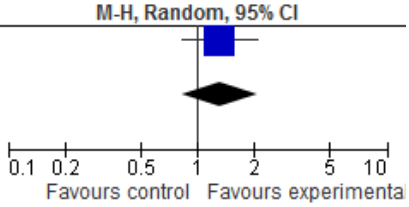
Heterogeneity: Not applicable
Test for overall effect: Z = 0.53 (P = 0.60)



Maternal contact with primary and/or secondary care Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARNET2007	19	31	15	32	100.0%	1.31 [0.82, 2.08]
Total (95% CI)		**31**		**32**	**100.0%**	**1.31 [0.82, 2.08]**
Total events	19		15			

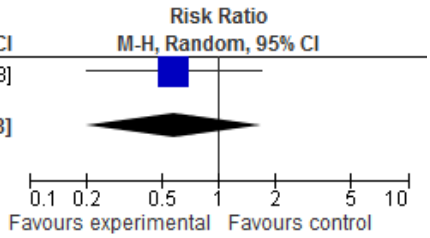
Heterogeneity: Not applicable
Test for overall effect: Z = 1.14 (P = 0.26)



Infant admissions to hospital Mid-treatment (at 6 months) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARLOW2007	5	68	8	63	100.0%	0.58 [0.20, 1.68]
Total (95% CI)		**68**		**63**	**100.0%**	**0.58 [0.20, 1.68]**
Total events	5		8			

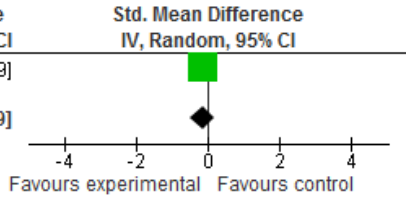
Heterogeneity: Not applicable
Test for overall effect: Z = 1.01 (P = 0.31)



Infant length of stay in hospital Mid-treatment (at 6 months) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BARLOW2007	3	8.7	68	4	1.1	63	100.0%	-0.16 [-0.50, 0.19]
Total (95% CI)			**68**			**63**	**100.0%**	**-0.16 [-0.50, 0.19]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.90 (P = 0.37)

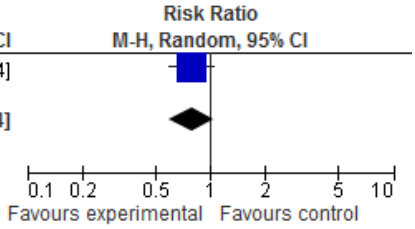


1.2.29 Experience of care: Non-mental health-focused education and support versus TAU or Enhanced TAU

Maternal dissatisfaction with care Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	40	80	52	82	100.0%	0.79 [0.60, 1.04]
Total (95% CI)		**80**		**82**	**100.0%**	**0.79 [0.60, 1.04]**
Total events	40		52			

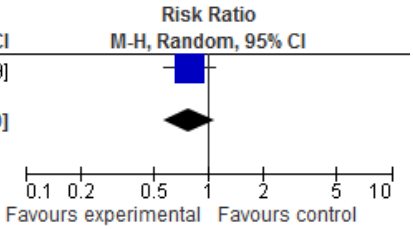
Heterogeneity: Not applicable
Test for overall effect: Z = 1.70 (P = 0.09)



Maternal dissatisfaction with care Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SEN2006/DENNIS2013	32	72	39	69	100.0%	0.79 [0.56, 1.09]
Total (95% CI)		**72**		**69**	**100.0%**	**0.79 [0.56, 1.09]**
Total events	32		39			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.42 (P = 0.15)

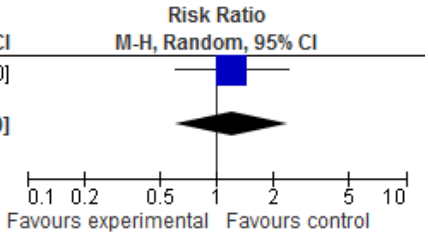


1.2.30 Attrition: Post-miscarriage self-help versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2013	16	115	13	113	100.0%	1.21 [0.61, 2.40]
Total (95% CI)		**115**		**113**	**100.0%**	**1.21 [0.61, 2.40]**
Total events	16		13			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.54 (P = 0.59)

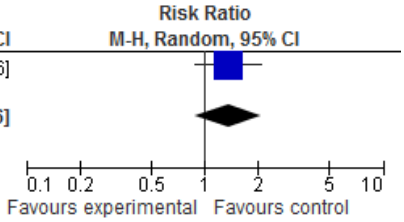


1.2.31 Attrition: Social support versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HARRIS2006/DENNIS2013	31	61	21	56	100.0%	1.36 [0.89, 2.06]
Total (95% CI)		**61**		**56**	**100.0%**	**1.36 [0.89, 2.06]**
Total events	31		21			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.42 (P = 0.15)

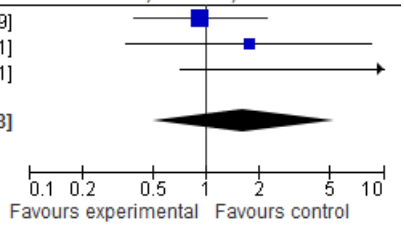


1.2.32 Attrition: Psychologically (CBT/IPT)-informed psychoeducation versus TAU or Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BRUGHA2000	9	103	10	106	54.3%	0.93 [0.39, 2.19]
GORMAN1997/DENNIS2013	4	24	2	21	31.8%	1.75 [0.36, 8.61]
PHIPPS2013	6	54	0	52	13.9%	12.53 [0.72, 216.91]
Total (95% CI)		**181**		**179**	**100.0%**	**1.63 [0.50, 5.28]**
Total events	19		12			

Heterogeneity: Tau² = 0.47; Chi² = 3.45, df = 2 (P = 0.18); I² = 42%
Test for overall effect: Z = 0.81 (P = 0.42)

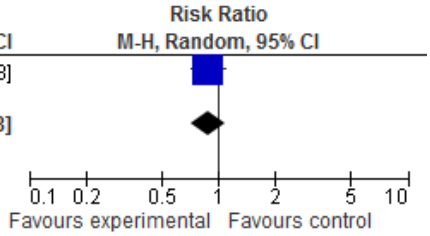


1.2.33 Attrition: Psychoeducational booklet versus TAU or Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WEBSTER2003	107	299	122	301	100.0%	0.88 [0.72, 1.08]
Total (95% CI)		**299**		**301**	**100.0%**	**0.88 [0.72, 1.08]**
Total events	107		122			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.19 (P = 0.23)

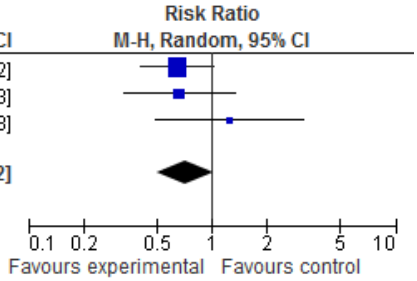


1.2.34 Attrition: Non-mental health-focused education and support versus TAU or Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KIEFFER2013	24	139	37	139	59.7%	0.65 [0.41, 1.02]
SEN2006/DENNIS2013	11	80	17	82	25.9%	0.66 [0.33, 1.33]
STAMP1995	9	73	7	71	14.3%	1.25 [0.49, 3.18]
Total (95% CI)		**292**		**292**	**100.0%**	**0.72 [0.50, 1.02]**
Total events	44		61			

Heterogeneity: Tau² = 0.00; Chi² = 1.60, df = 2 (P = 0.45); I² = 0%
Test for overall effect: Z = 1.85 (P = 0.06)

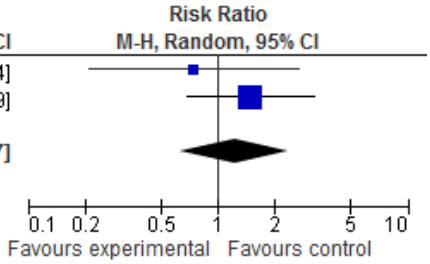


1.2.35 Attrition: Home visits versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARLOW2007	4	68	5	63	26.9%	0.74 [0.21, 2.64]
BARNET2007	13	44	8	40	73.1%	1.48 [0.68, 3.19]
Total (95% CI)		**112**		**103**	**100.0%**	**1.23 [0.64, 2.37]**
Total events	17		13			

Heterogeneity: Tau² = 0.00; Chi² = 0.84, df = 1 (P = 0.36); I² = 0%
Test for overall effect: Z = 0.61 (P = 0.54)

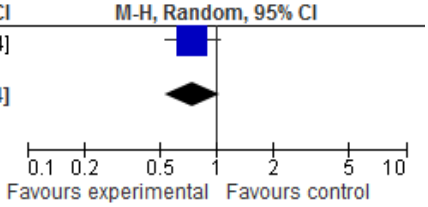


1.2.36 Attrition: Post-delivery discussion versus Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SMALL2000/2006	53	520	71	521	100.0%	0.75 [0.54, 1.04]
Total (95% CI)		**520**		**521**	**100.0%**	**0.75 [0.54, 1.04]**
Total events	53		71			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.70 (P = 0.09)

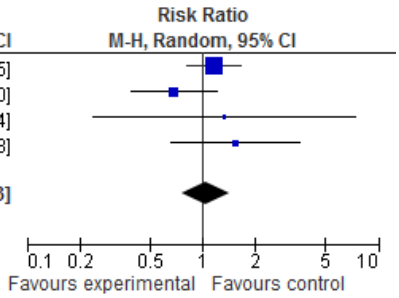


1.2.37 Attrition: Mother-infant relationship interventions versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2009	50	220	45	229	56.5%	1.16 [0.81, 1.65]
MEIJSSEN2010A/2010B/2011	15	72	24	79	27.4%	0.69 [0.39, 1.20]
NEWNHAM2009	3	35	2	31	3.3%	1.33 [0.24, 7.44]
RAVN2012	12	56	7	50	12.8%	1.53 [0.65, 3.58]
Total (95% CI)		**383**		**389**	**100.0%**	**1.04 [0.76, 1.43]**
Total events	80		78			

Heterogeneity: Tau² = 0.01; Chi² = 3.33, df = 3 (P = 0.34); I² = 10%
Test for overall effect: Z = 0.27 (P = 0.79)

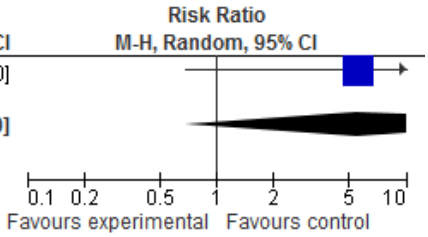


1.2.38 Infant physical health: Home visits versus TAU

Congenital malformations (measured at 6 months) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARLOW2007	6	68	1	63	100.0%	5.56 [0.69, 44.90]
Total (95% CI)		**68**		**63**	**100.0%**	**5.56 [0.69, 44.90]**
Total events	6		1			

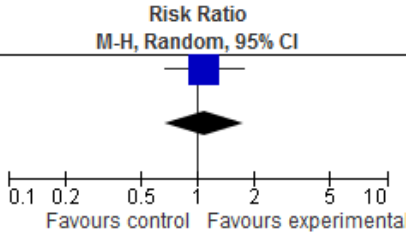
Heterogeneity: Not applicable
Test for overall effect: Z = 1.61 (P = 0.11)



Normal weight Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARACENA2009	20	41	17	38	100.0%	1.09 [0.68, 1.75]
Total (95% CI)		**41**		**38**	**100.0%**	**1.09 [0.68, 1.75]**
Total events	20		17			

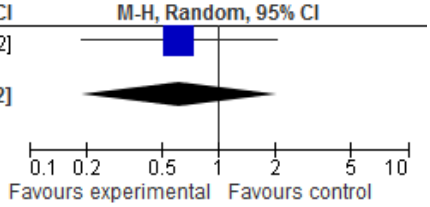
Heterogeneity: Not applicable
Test for overall effect: Z = 0.36 (P = 0.72)



Underweight Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARACENA2009	4	41	6	38	100.0%	0.62 [0.19, 2.02]
Total (95% CI)		**41**		**38**	**100.0%**	**0.62 [0.19, 2.02]**
Total events	4		6			

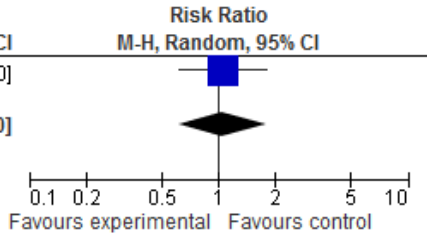
Heterogeneity: Not applicable
Test for overall effect: Z = 0.80 (P = 0.43)



Overweight Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARACENA2009	17	41	15	38	100.0%	1.05 [0.61, 1.80]
Total (95% CI)		**41**		**38**	**100.0%**	**1.05 [0.61, 1.80]**
Total events	17		15			

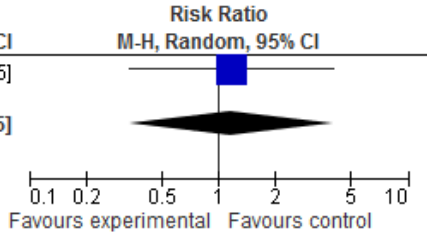
Heterogeneity: Not applicable
Test for overall effect: Z = 0.18 (P = 0.86)



Incidence of severe diarrhoea Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARACENA2009	5	45	4	42	100.0%	1.17 [0.34, 4.05]
Total (95% CI)		**45**		**42**	**100.0%**	**1.17 [0.34, 4.05]**
Total events	5		4			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.24 (P = 0.81)

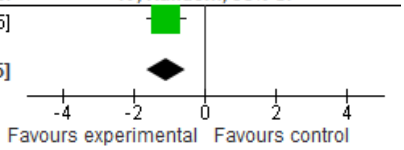


1.2.39 Infant regulatory problems: Mother-infant relationship interventions versus TAU

Infant colic mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEWNHAM2009	0.42	0.21	32	1.15	0.93	31	100.0%	-1.08 [-1.61, -0.55]
Total (95% CI)			**32**			**31**	**100.0%**	**-1.08 [-1.61, -0.55]**

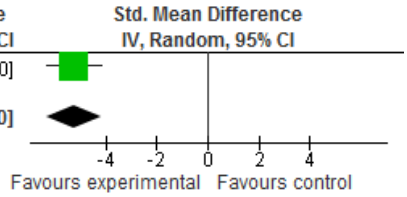
Heterogeneity: Not applicable
Test for overall effect: Z = 3.98 (P < 0.0001)



Infant sleep problems mean score Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEWNHAM2009	0.52	0.33	32	2	0.21	31	100.0%	-5.27 [-6.34, -4.20]
Total (95% CI)			**32**			**31**	**100.0%**	**-5.27 [-6.34, -4.20]**

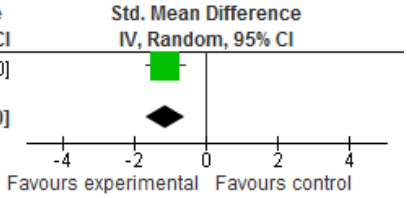
Heterogeneity: Not applicable
Test for overall effect: Z = 9.64 (P < 0.00001)



Infant excessive crying mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEWNHAM2009	0.95	0.82	32	1.88	0.8	31	100.0%	-1.13 [-1.67, -0.60]
Total (95% CI)			**32**			**31**	**100.0%**	**-1.13 [-1.67, -0.60]**

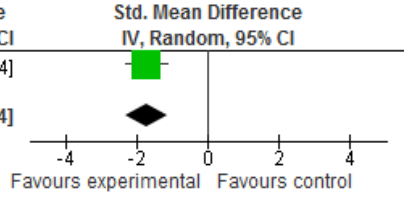
Heterogeneity: Not applicable
Test for overall effect: Z = 4.16 (P < 0.0001)



Infant colic mean scores Short follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEWNHAM2009	0.12	0.1	32	0.95	0.67	31	100.0%	-1.72 [-2.31, -1.14]
Total (95% CI)			**32**			**31**	**100.0%**	**-1.72 [-2.31, -1.14]**

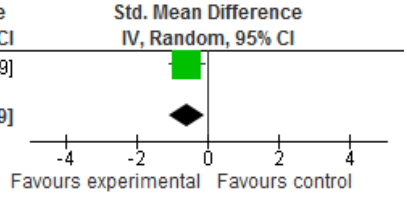
Heterogeneity: Not applicable
Test for overall effect: Z = 5.79 (P < 0.00001)



Infant sleep problems mean score Short follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEWNHAM2009	0.25	0.63	32	0.58	0.44	31	100.0%	-0.60 [-1.10, -0.09]
Total (95% CI)			**32**			**31**	**100.0%**	**-0.60 [-1.10, -0.09]**

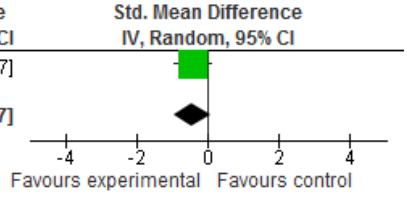
Heterogeneity: Not applicable
Test for overall effect: Z = 2.32 (P = 0.02)



Infant excessive crying mean scores Short follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEWNHAM2009	0.55	0.63	32	0.89	0.91	31	100.0%	-0.43 [-0.93, 0.07]
Total (95% CI)			**32**			**31**	**100.0%**	**-0.43 [-0.93, 0.07]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.69 (P = 0.09)

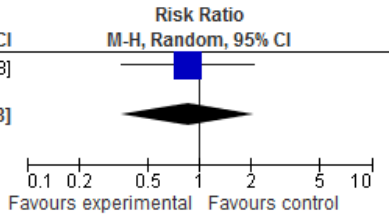


1.2.40 Infant physical development: Home visits versus TAU

Infant motor development (delayed or impaired) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	8	61	9	59	100.0%	0.86 [0.36, 2.08]
Total (95% CI)		**61**		**59**	**100.0%**	**0.86 [0.36, 2.08]**
Total events	8		9			

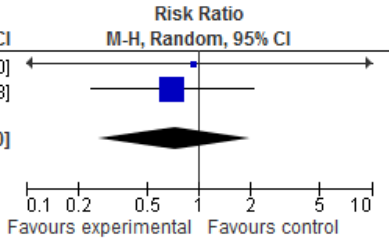
Heterogeneity: Not applicable
Test for overall effect: Z = 0.34 (P = 0.74)



Infant motor development (delayed or impaired) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARACENA2009	1	41	1	38	13.6%	0.93 [0.06, 14.30]
SPITTLE2010/2009/SPENCERS	5	58	7	57	86.4%	0.70 [0.24, 2.08]
Total (95% CI)		**99**		**95**	**100.0%**	**0.73 [0.27, 2.00]**
Total events	6		8			

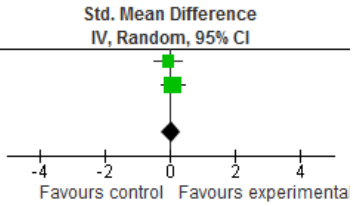
Heterogeneity: Tau² = 0.00; Chi² = 0.03, df = 1 (P = 0.85); I² = 0%
Test for overall effect: Z = 0.61 (P = 0.54)



Infant motor development mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ARACENA2009	1	0.65	41	1.03	0.1	38	40.7%	-0.06 [-0.50, 0.38]
SPITTLE2010/2009/SPENCERS	99.9	14.8	58	98.6	16.9	57	59.3%	0.08 [-0.28, 0.45]
Total (95% CI)			**99**			**95**	**100.0%**	**0.02 [-0.26, 0.30]**

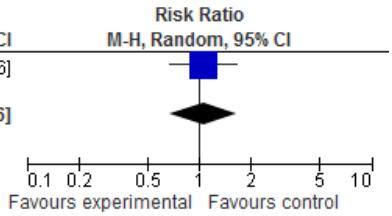
Heterogeneity: Tau² = 0.00; Chi² = 0.24, df = 1 (P = 0.62); I² = 0%
Test for overall effect: Z = 0.16 (P = 0.87)



Infant motor development (delayed or impaired) Long follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	24	61	22	59	100.0%	1.06 [0.67, 1.66]
Total (95% CI)		**61**		**59**	**100.0%**	**1.06 [0.67, 1.66]**
Total events	24		22			

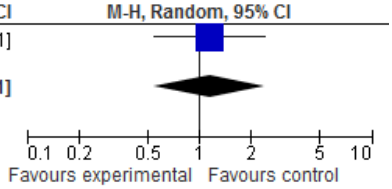
Heterogeneity: Not applicable
Test for overall effect: Z = 0.23 (P = 0.82)



Infant motor development (delayed or impaired) Long follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	12	49	10	47	100.0%	1.15 [0.55, 2.41]
Total (95% CI)		**49**		**47**	**100.0%**	**1.15 [0.55, 2.41]**
Total events	12		10			

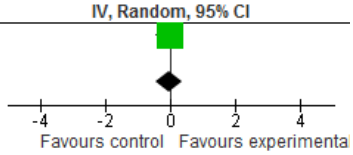
Heterogeneity: Not applicable
Test for overall effect: Z = 0.37 (P = 0.71)



Infant motor development mean scores Long follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	68.3	19.1	49	69	24.1	47	100.0%	-0.03 [-0.43, 0.37]
Total (95% CI)			**49**			**47**	**100.0%**	**-0.03 [-0.43, 0.37]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.16 (P = 0.88)

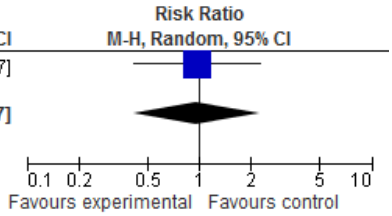


1.2.41 Infant cognitive development: Home visits versus TAU

Infant cognitive development (impairment) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	9	61	9	59	100.0%	0.97 [0.41, 2.27]
Total (95% CI)		**61**		**59**	**100.0%**	**0.97 [0.41, 2.27]**
Total events	9		9			

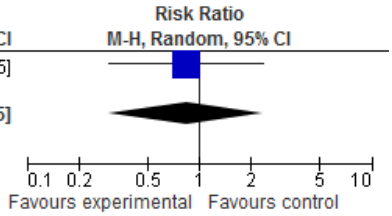
Heterogeneity: Not applicable
Test for overall effect: Z = 0.08 (P = 0.94)



Infant cognitive development (impairment) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	6	58	7	57	100.0%	0.84 [0.30, 2.35]
Total (95% CI)		**58**		**57**	**100.0%**	**0.84 [0.30, 2.35]**
Total events	6		7			

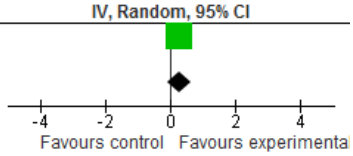
Heterogeneity: Not applicable
Test for overall effect: Z = 0.33 (P = 0.74)



Infant cognitive development mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	99	12.8	58	95.6	12.6	57	100.0%	0.27 [-0.10, 0.63]
Total (95% CI)			**58**			**57**	**100.0%**	**0.27 [-0.10, 0.63]**

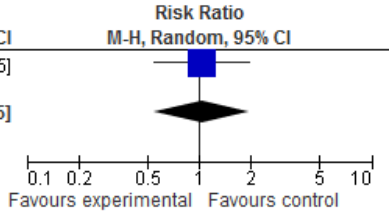
Heterogeneity: Not applicable
Test for overall effect: Z = 1.42 (P = 0.16)



Infant verbal development (impairment) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	15	61	14	59	100.0%	1.04 [0.55, 1.95]
Total (95% CI)		**61**		**59**	**100.0%**	**1.04 [0.55, 1.95]**
Total events	15		14			

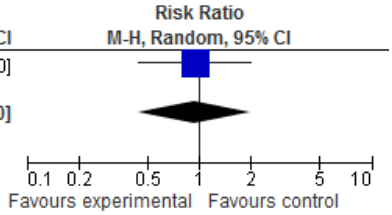
Heterogeneity: Not applicable
Test for overall effect: Z = 0.11 (P = 0.91)



Infant verbal development (impairment) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	11	57	11	54	100.0%	0.95 [0.45, 2.00]
Total (95% CI)		**57**		**54**	**100.0%**	**0.95 [0.45, 2.00]**
Total events	11		11			

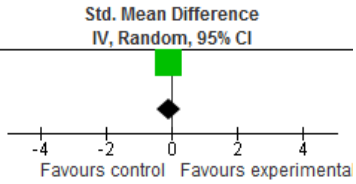
Heterogeneity: Not applicable
Test for overall effect: Z = 0.14 (P = 0.89)



Infant verbal development mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	96.4	16.1	57	97.9	16	54	100.0%	-0.09 [-0.47, 0.28]
Total (95% CI)			**57**			**54**	**100.0%**	**-0.09 [-0.47, 0.28]**

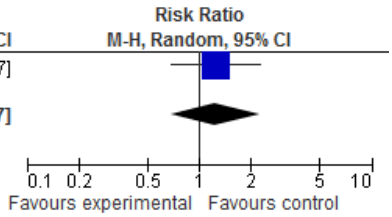
Heterogeneity: Not applicable
Test for overall effect: Z = 0.49 (P = 0.63)



Infant nonverbal development (impairment) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	18	61	14	59	100.0%	1.24 [0.68, 2.27]
Total (95% CI)		**61**		**59**	**100.0%**	**1.24 [0.68, 2.27]**
Total events	18		14			

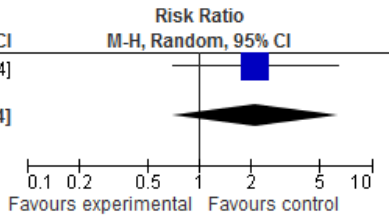
Heterogeneity: Not applicable
Test for overall effect: Z = 0.71 (P = 0.48)



Infant nonverbal development (impairment) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	9	52	4	49	100.0%	2.12 [0.70, 6.44]
Total (95% CI)		**52**		**49**	**100.0%**	**2.12 [0.70, 6.44]**
Total events	9		4			

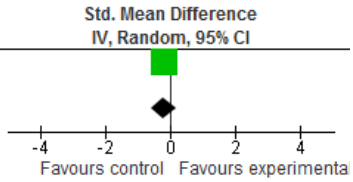
Heterogeneity: Not applicable
Test for overall effect: Z = 1.33 (P = 0.19)



Infant nonverbal development mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	98.6	14.4	52	101.3	11.5	49	100.0%	-0.20 [-0.60, 0.19]
Total (95% CI)			**52**			**49**	**100.0%**	**-0.20 [-0.60, 0.19]**

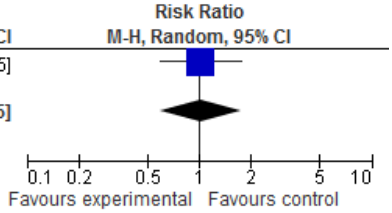
Heterogeneity: Not applicable
Test for overall effect: Z = 1.03 (P = 0.30)



Infant spatial reasoning development (impairment) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	19	61	18	59	100.0%	1.02 [0.60, 1.75]
Total (95% CI)		**61**		**59**	**100.0%**	**1.02 [0.60, 1.75]**
Total events	19		18			

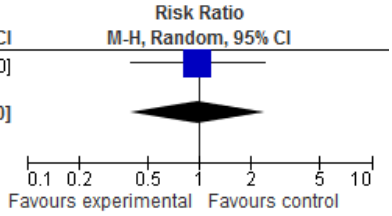
Heterogeneity: Not applicable
Test for overall effect: Z = 0.08 (P = 0.94)



Infant spatial reasoning development (impairment) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	8	50	8	49	100.0%	0.98 [0.40, 2.40]
Total (95% CI)		**50**		**49**	**100.0%**	**0.98 [0.40, 2.40]**
Total events	8		8			

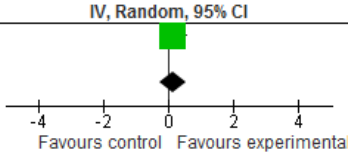
Heterogeneity: Not applicable
Test for overall effect: Z = 0.04 (P = 0.96)



Infant spatial reasoning development mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	100.4	18.3	50	97.9	17.5	49	100.0%	0.14 [-0.26, 0.53]
Total (95% CI)			**50**			**49**	**100.0%**	**0.14 [-0.26, 0.53]**

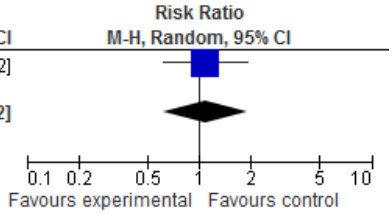
Heterogeneity: Not applicable
Test for overall effect: Z = 0.69 (P = 0.49)



Infant cognitive development (impairment) Long Follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	18	61	16	59	100.0%	1.09 [0.62, 1.92]
Total (95% CI)		**61**		**59**	**100.0%**	**1.09 [0.62, 1.92]**
Total events	18		16			

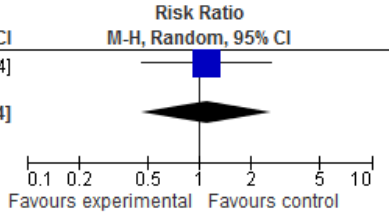
Heterogeneity: Not applicable
Test for overall effect: Z = 0.29 (P = 0.77)



Infant cognitive development (impairment) Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	9	52	8	51	100.0%	1.10 [0.46, 2.64]
Total (95% CI)		**52**		**51**	**100.0%**	**1.10 [0.46, 2.64]**
Total events	9		8			

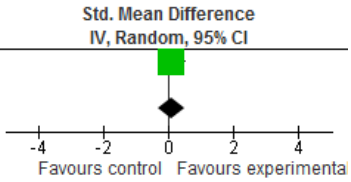
Heterogeneity: Not applicable
Test for overall effect: Z = 0.22 (P = 0.82)



Infant cognitive development mean scores Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	99.2	15.3	52	97.8	15.7	51	100.0%	0.09 [-0.30, 0.48]
Total (95% CI)			**52**			**51**	**100.0%**	**0.09 [-0.30, 0.48]**

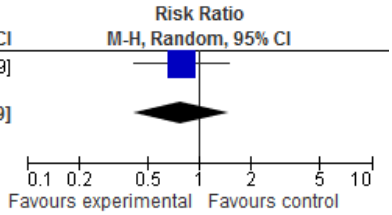
Heterogeneity: Not applicable
Test for overall effect: Z = 0.45 (P = 0.65)



Infant verbal development (impairment) Long Follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	13	61	16	59	100.0%	0.79 [0.42, 1.49]
Total (95% CI)		**61**		**59**	**100.0%**	**0.79 [0.42, 1.49]**
Total events	13		16			

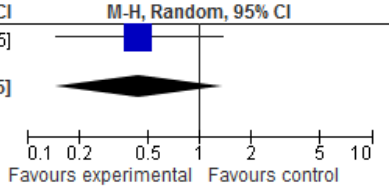
Heterogeneity: Not applicable
Test for overall effect: Z = 0.74 (P = 0.46)



Infant verbal development (impairment) Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	4	52	9	52	100.0%	0.44 [0.15, 1.35]
Total (95% CI)		**52**		**52**	**100.0%**	**0.44 [0.15, 1.35]**
Total events	4		9			

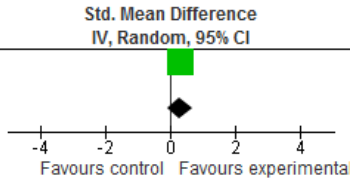
Heterogeneity: Not applicable
Test for overall effect: Z = 1.43 (P = 0.15)



Infant verbal development mean scores Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	99.2	11.1	52	94.9	18.1	52	100.0%	0.28 [-0.10, 0.67]
Total (95% CI)			**52**			**52**	**100.0%**	**0.28 [-0.10, 0.67]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.44 (P = 0.15)

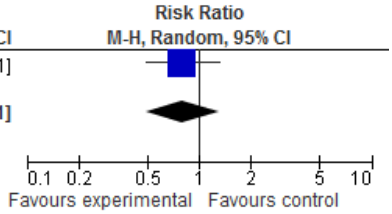


1.2.42 Infant emotional development: Home visits versus TAU

Infant adaptive behaviour (impairment) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	19	61	23	59	100.0%	0.80 [0.49, 1.31]
Total (95% CI)		**61**		**59**	**100.0%**	**0.80 [0.49, 1.31]**
Total events	19		23			

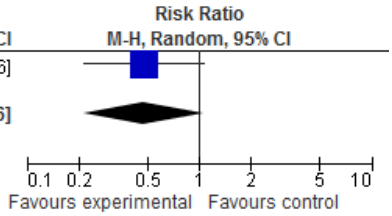
Heterogeneity: Not applicable
Test for overall effect: Z = 0.90 (P = 0.37)



Infant adaptive behaviour (impairment) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	7	48	15	49	100.0%	0.48 [0.21, 1.06]
Total (95% CI)		**48**		**49**	**100.0%**	**0.48 [0.21, 1.06]**
Total events	7		15			

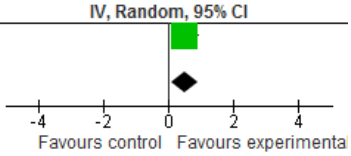
Heterogeneity: Not applicable
Test for overall effect: Z = 1.81 (P = 0.07)



Infant adaptive behaviour mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	48.8	11.5	48	42.6	13.4	51	100.0%	0.49 [0.09, 0.89]
Total (95% CI)			**48**			**51**	**100.0%**	**0.49 [0.09, 0.89]**

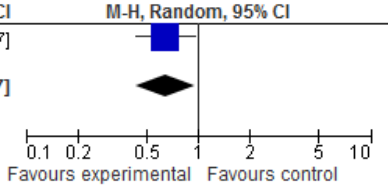
Heterogeneity: Not applicable
Test for overall effect: Z = 2.41 (P = 0.02)



Infant emotional development (impairment) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	22	61	33	59	100.0%	0.64 [0.43, 0.97]
Total (95% CI)		**61**		**59**	**100.0%**	**0.64 [0.43, 0.97]**
Total events	22		33			

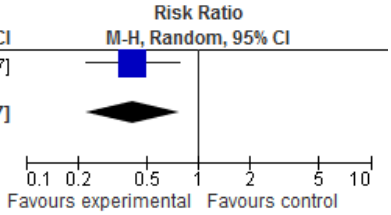
Heterogeneity: Not applicable
Test for overall effect: Z = 2.13 (P = 0.03)



Infant emotional development (impairment) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	10	48	25	50	100.0%	0.42 [0.22, 0.77]
Total (95% CI)		**48**		**50**	**100.0%**	**0.42 [0.22, 0.77]**
Total events	10		25			

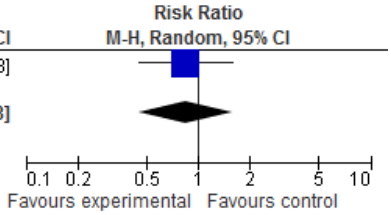
Heterogeneity: Not applicable
Test for overall effect: Z = 2.78 (P = 0.005)



Infant externalizing (impairment) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	14	61	16	59	100.0%	0.85 [0.45, 1.58]
Total (95% CI)		**61**		**59**	**100.0%**	**0.85 [0.45, 1.58]**
Total events	14		16			

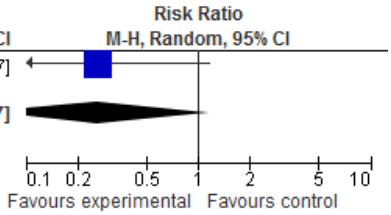
Heterogeneity: Not applicable
Test for overall effect: Z = 0.53 (P = 0.60)



Infant externalizing (impairment) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	2	49	8	51	100.0%	0.26 [0.06, 1.17]
Total (95% CI)		**49**		**51**	**100.0%**	**0.26 [0.06, 1.17]**
Total events	2		8			

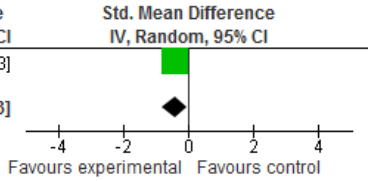
Heterogeneity: Not applicable
Test for overall effect: Z = 1.76 (P = 0.08)



Infant externalizing mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	48.3	8.7	49	52.4	10.2	51	100.0%	-0.43 [-0.83, -0.03]
Total (95% CI)			**49**			**51**	**100.0%**	**-0.43 [-0.83, -0.03]**

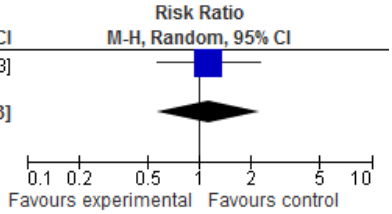
Heterogeneity: Not applicable
Test for overall effect: Z = 2.12 (P = 0.03)



Infant internalizing (impairment) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	14	61	12	59	100.0%	1.13 [0.57, 2.23]
Total (95% CI)		**61**		**59**	**100.0%**	**1.13 [0.57, 2.23]**
Total events	14		12			

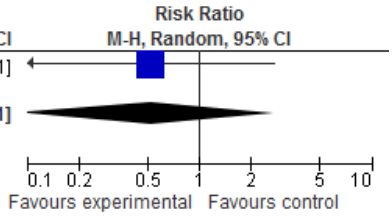
Heterogeneity: Not applicable
Test for overall effect: Z = 0.35 (P = 0.73)



Infant internalizing (impairment) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	2	49	4	51	100.0%	0.52 [0.10, 2.71]
Total (95% CI)		**49**		**51**	**100.0%**	**0.52 [0.10, 2.71]**
Total events	2		4			

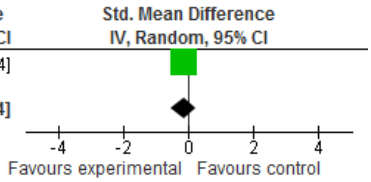
Heterogeneity: Not applicable
Test for overall effect: Z = 0.78 (P = 0.44)



Infant internalizing mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	45.9	9.5	49	47.4	10.3	51	100.0%	-0.15 [-0.54, 0.24]
Total (95% CI)			**49**			**51**	**100.0%**	**-0.15 [-0.54, 0.24]**

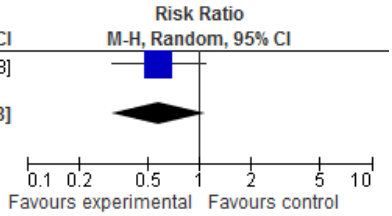
Heterogeneity: Not applicable
Test for overall effect: Z = 0.75 (P = 0.45)



Infant dysregulation (impairment) Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	12	61	20	59	100.0%	0.58 [0.31, 1.08]
Total (95% CI)		**61**		**59**	**100.0%**	**0.58 [0.31, 1.08]**
Total events	12		20			

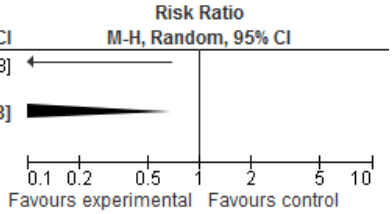
Heterogeneity: Not applicable
Test for overall effect: Z = 1.72 (P = 0.09)



Infant dysregulation (impairment) Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	0	49	12	51	100.0%	0.04 [0.00, 0.68]
Total (95% CI)		**49**		**51**	**100.0%**	**0.04 [0.00, 0.68]**
Total events	0		12			

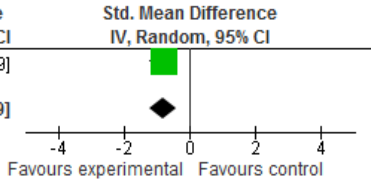
Heterogeneity: Not applicable
Test for overall effect: Z = 2.23 (P = 0.03)



Infant dysregulation mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	42.9	7.6	49	51.5	13	51	100.0%	-0.80 [-1.21, -0.39]
Total (95% CI)			**49**			**51**	**100.0%**	**-0.80 [-1.21, -0.39]**

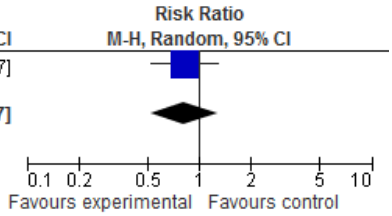
Heterogeneity: Not applicable
Test for overall effect: Z = 3.83 (P = 0.0001)



Infant adaptive behaviour (impairment) Long Follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	22	61	26	59	100.0%	0.82 [0.53, 1.27]
Total (95% CI)		**61**		**59**	**100.0%**	**0.82 [0.53, 1.27]**
Total events	22		26			

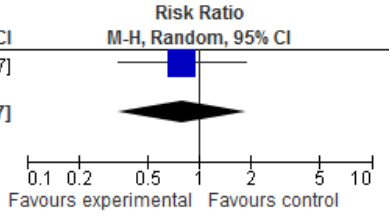
Heterogeneity: Not applicable
Test for overall effect: Z = 0.89 (P = 0.37)



Infant adaptive behaviour (impairment) Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	8	47	9	42	100.0%	0.79 [0.34, 1.87]
Total (95% CI)		**47**		**42**	**100.0%**	**0.79 [0.34, 1.87]**
Total events	8		9			

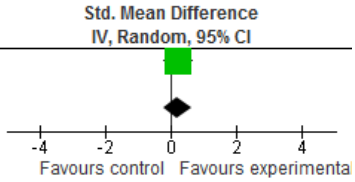
Heterogeneity: Not applicable
Test for overall effect: Z = 0.53 (P = 0.60)



Infant adaptive behaviour mean scores Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	46.5	10.3	47	44.6	8.5	42	100.0%	0.20 [-0.22, 0.62]
Total (95% CI)			**47**			**42**	**100.0%**	**0.20 [-0.22, 0.62]**

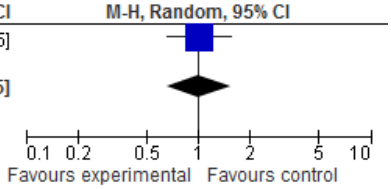
Heterogeneity: Not applicable
Test for overall effect: Z = 0.93 (P = 0.35)



Infant externalizing (impairment) Long Follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	25	61	24	59	100.0%	1.01 [0.65, 1.55]
Total (95% CI)		**61**		**59**	**100.0%**	**1.01 [0.65, 1.55]**
Total events	25		24			

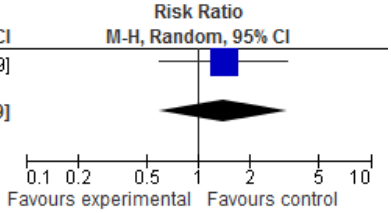
Heterogeneity: Not applicable
Test for overall effect: Z = 0.03 (P = 0.97)



Infant externalizing (impairment) Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	11	47	7	42	100.0%	1.40 [0.60, 3.29]
Total (95% CI)		**47**		**42**	**100.0%**	**1.40 [0.60, 3.29]**
Total events	11		7			

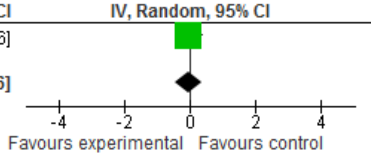
Heterogeneity: Not applicable
Test for overall effect: Z = 0.78 (P = 0.43)



Infant externalizing mean scores Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	52	10.3	47	52.5	8.3	42	100.0%	-0.05 [-0.47, 0.36]
Total (95% CI)			**47**			**42**	**100.0%**	**-0.05 [-0.47, 0.36]**

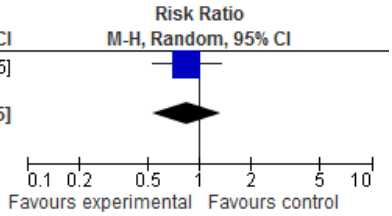
Heterogeneity: Not applicable
Test for overall effect: Z = 0.25 (P = 0.80)



Infant internalizing (impairment) Long Follow-up (25-103 weeks post-intervention) - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	21	61	24	59	100.0%	0.85 [0.53, 1.35]
Total (95% CI)		**61**		**59**	**100.0%**	**0.85 [0.53, 1.35]**
Total events	21		24			

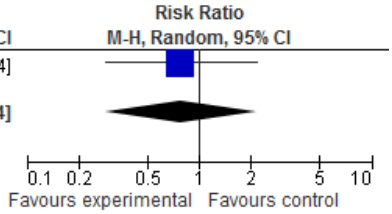
Heterogeneity: Not applicable
Test for overall effect: Z = 0.71 (P = 0.48)



Infant internalizing (impairment) Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPITTLE2010/2009/SPENCERS	6	46	7	42	100.0%	0.78 [0.29, 2.14]
Total (95% CI)		**46**		**42**	**100.0%**	**0.78 [0.29, 2.14]**
Total events	6		7			

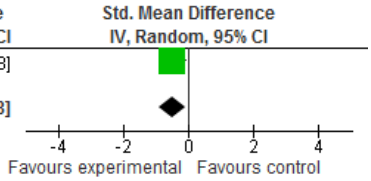
Heterogeneity: Not applicable
Test for overall effect: Z = 0.48 (P = 0.63)



Infant internalizing mean scores Long Follow-up (25-103 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SPITTLE2010/2009/SPENCERS	48.3	10	46	53.5	10.6	42	100.0%	-0.50 [-0.93, -0.08]
Total (95% CI)			**46**			**42**	**100.0%**	**-0.50 [-0.93, -0.08]**

Heterogeneity: Not applicable
Test for overall effect: Z = 2.31 (P = 0.02)

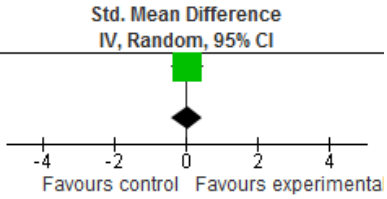


1.2.43 Infant emotional development: Mother-infant relationship interventions versus TAU

Infant social-communication development mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
RAVN2012	34.5	8.5	42	34.2	8.8	40	100.0%	0.03 [-0.40, 0.47]
Total (95% CI)			**42**			**40**	**100.0%**	**0.03 [-0.40, 0.47]**

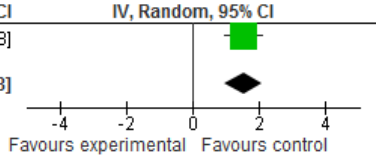
Heterogeneity: Not applicable
Test for overall effect: Z = 0.16 (P = 0.88)



Infant social withdrawal mean scores Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEWNHAM2009	2.89	0.624067	32	1.97	0.572514	31	100.0%	1.52 [0.95, 2.08]
Total (95% CI)			**32**			**31**	**100.0%**	**1.52 [0.95, 2.08]**

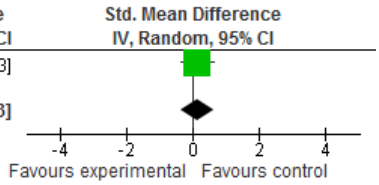
Heterogeneity: Not applicable
Test for overall effect: Z = 5.26 (P < 0.00001)



Infant social withdrawal mean scores Short follow-up (9-16 weeks post-intervention) - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEWNHAM2009	2.54	0.707275	32	2.42	0.995085	31	100.0%	0.14 [-0.36, 0.63]
Total (95% CI)			**32**			**31**	**100.0%**	**0.14 [-0.36, 0.63]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.55 (P = 0.59)

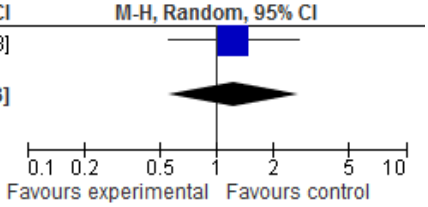


1.2.44 Prevention of neglect or abuse of the infant: Home visits versus TAU

Child protection issues Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARLOW2007	12	68	9	63	100.0%	1.24 [0.56, 2.73]
Total (95% CI)		**68**		**63**	**100.0%**	**1.24 [0.56, 2.73]**
Total events	12		9			

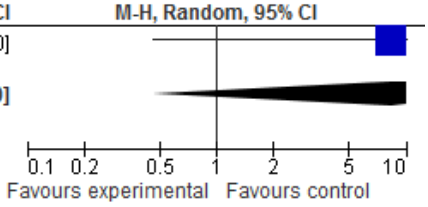
Heterogeneity: Not applicable
Test for overall effect: Z = 0.52 (P = 0.60)



Child removed from home Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARLOW2007	4	68	0	63	100.0%	8.35 [0.46, 152.00]
Total (95% CI)		**68**		**63**	**100.0%**	**8.35 [0.46, 152.00]**
Total events	4		0			

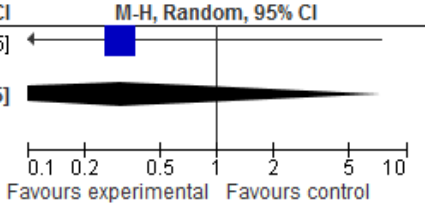
Heterogeneity: Not applicable
Test for overall effect: Z = 1.43 (P = 0.15)



Infant mortality Post-treatment - ITT analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BARLOW2007	0	68	1	63	100.0%	0.31 [0.01, 7.45]
Total (95% CI)		**68**		**63**	**100.0%**	**0.31 [0.01, 7.45]**
Total events	0		1			

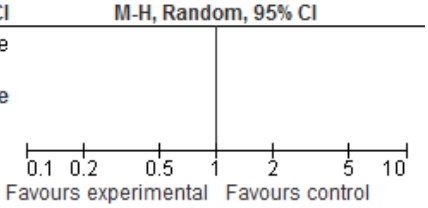
Heterogeneity: Not applicable
Test for overall effect: Z = 0.72 (P = 0.47)



Infant abuse or neglect Post-treatment - Available case analysis (at-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARACENA2009	0	41	0	38		Not estimable
Total (95% CI)		**41**		**38**		**Not estimable**
Total events	0		0			

Heterogeneity: Not applicable
Test for overall effect: Not applicable

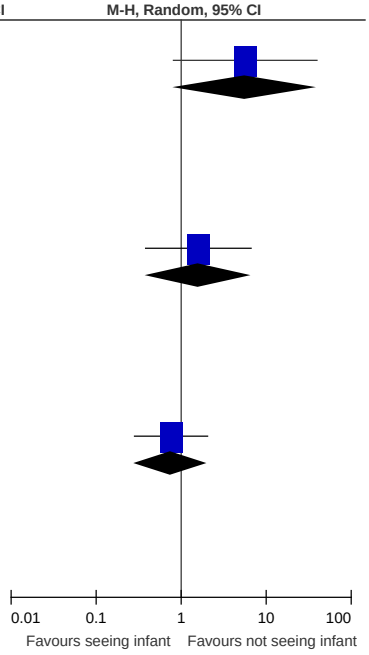


1.3 PROTOCOLS FOR WOMEN FOLLOWING STILLBIRTH

1.3.1 Mental health outcomes for women who saw versus did not see their stillborn infant

Depression symptomatology

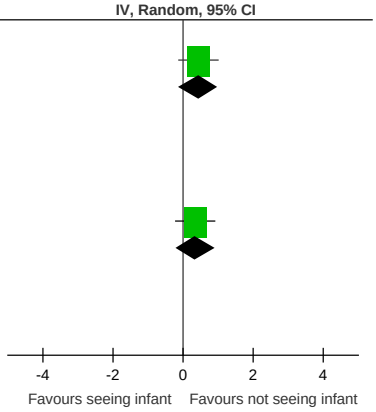
Study or Subgroup	Saw infant Events	Saw infant Total	Did not see infant Events	Did not see infant Total	Weight	Risk Ratio M-H, Random, 95% CI
1.1.1 Pregnant at participation (3rd trimester; EPDS>14)						
HUGHES2002/TURTON2009	16	48	1	17	100.0%	5.67 [0.81, 39.55]
Subtotal (95% CI)		**48**		**17**	**100.0%**	**5.67 [0.81, 39.55]**
Total events	16		1			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.75 (P = 0.08)						
1.1.2 Pregnant at participation (1-year follow-up; BDI>10)						
HUGHES2002/TURTON2009	9	48	2	17	100.0%	1.59 [0.38, 6.65]
Subtotal (95% CI)		**48**		**17**	**100.0%**	**1.59 [0.38, 6.65]**
Total events	9		2			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.64 (P = 0.52)						
1.1.3 3-years post-stillbirth (CES-D>90th percentile)						
RADESTAD2009/SURKAN2008	25	263	4	32	100.0%	0.76 [0.28, 2.05]
Subtotal (95% CI)		**263**		**32**	**100.0%**	**0.76 [0.28, 2.05]**
Total events	25		4			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.54 (P = 0.59)						



Test for subgroup differences: $Chi^2 = 3.40$, df = 2 (P = 0.18), $I^2 = 41.2\%$

Depression mean symptoms

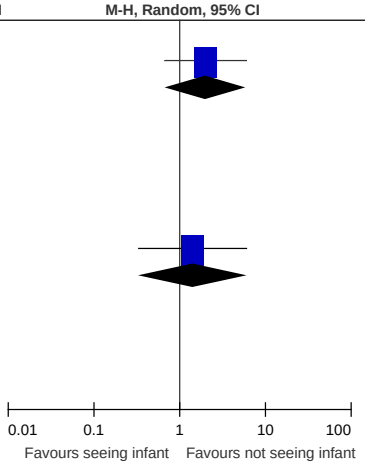
Study or Subgroup	Saw infant Mean	SD	Total	Did not see infant Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.2.1 Pregnant at participation (3rd trimester; EPDS)								
HUGHES2002/TURTON2009	11.2	5.9	48	8.8	3.5	17	100.0%	0.44 [-0.12, 1.00]
Subtotal (95% CI)			**48**			**17**	**100.0%**	**0.44 [-0.12, 1.00]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.54 (P = 0.12)								
1.2.2 Pregnant at participation (1-year follow-up; BDI)								
HUGHES2002/TURTON2009	6.9	6.5	48	4.8	4	17	100.0%	0.35 [-0.21, 0.90]
Subtotal (95% CI)			**48**			**17**	**100.0%**	**0.35 [-0.21, 0.90]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.22 (P = 0.22)								



Test for subgroup differences: Chi² = 0.05, df = 1 (P = 0.82), I² = 0%

Anxiety symptomatology

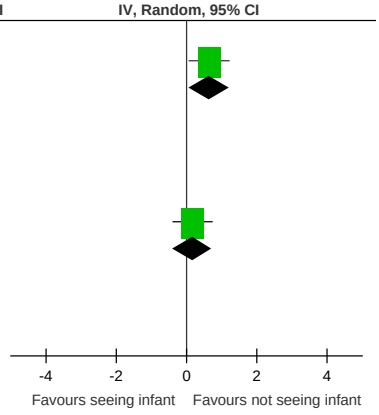
Study or Subgroup	Saw infant Events	Total	Did not see infant Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
1.3.1 Pregnant at participation (3rd trimester; STAI>44)						
HUGHES2002/TURTON2009	17	48	3	17	100.0%	2.01 [0.67, 6.00]
Subtotal (95% CI)		**48**		**17**	**100.0%**	**2.01 [0.67, 6.00]**
Total events	17		3			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.25 (P = 0.21)						
1.3.2 Pregnant at participation (1-year follow-up; STAI>44)						
HUGHES2002/TURTON2009	8	48	2	17	100.0%	1.42 [0.33, 6.02]
Subtotal (95% CI)		**48**		**17**	**100.0%**	**1.42 [0.33, 6.02]**
Total events	8		2			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.47 (P = 0.64)						



Test for subgroup differences: Chi² = 0.14, df = 1 (P = 0.71), I² = 0%

Anxiety mean symptoms

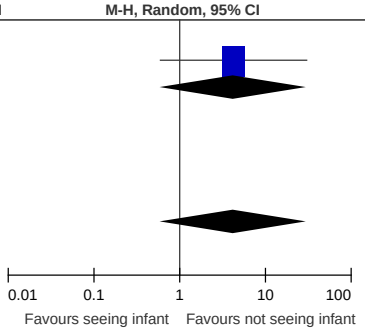
Study or Subgroup	Saw infant Mean	SD	Total	Did not see infant Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.4.1 Pregnant at participation (3rd trimester; STAI)								
HUGHES2002/TURTON2009	41.3	11.9	48	33.9	9.5	17	100.0%	0.64 [0.08, 1.21]
Subtotal (95% CI)			**48**			**17**	**100.0%**	**0.64 [0.08, 1.21]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.24 (P = 0.03)								
1.4.2 Pregnant at participation (1-year follow-up; STAI)								
HUGHES2002/TURTON2009	32.5	11.2	48	30.6	9.7	17	100.0%	0.17 [-0.38, 0.73]
Subtotal (95% CI)			**48**			**17**	**100.0%**	**0.17 [-0.38, 0.73]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.61 (P = 0.54)								



Test for subgroup differences: Chi² = 1.36, df = 1 (P = 0.24), I² = 26.7%

PTSD symptomatology

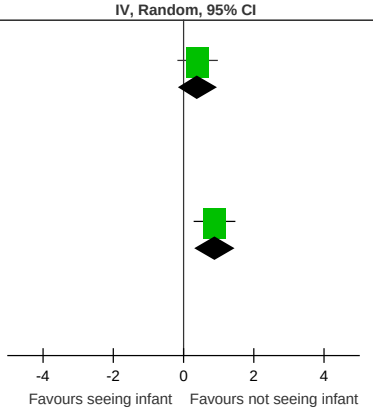
Study or Subgroup	Saw infant Events	Saw infant Total	Did not see infant Events	Did not see infant Total	Weight	Risk Ratio M-H, Random, 95% CI
1.5.1 Pregnant at participation (3rd trimester; PTSD-1)						
HUGHES2002/TURTON2009	12	48	1	17	100.0%	4.25 [0.60, 30.28]
Subtotal (95% CI)		**48**		**17**	**100.0%**	**4.25 [0.60, 30.28]**
Total events	12		1			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.44 (P = 0.15)						
Total (95% CI)		**48**		**17**	**100.0%**	**4.25 [0.60, 30.28]**
Total events	12		1			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.44 (P = 0.15)						
Test for subgroup differences: Not applicable						



PTSD mean symptoms

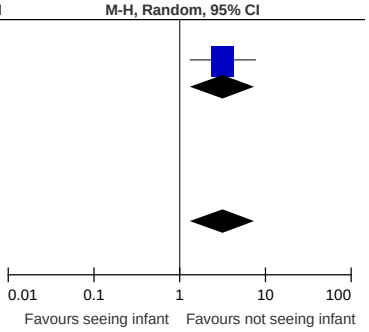
Study or Subgroup	Saw infant Mean	Saw infant SD	Saw infant Total	Did not see infant Mean	Did not see infant SD	Did not see infant Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.6.1 Pregnant at participation (3rd trimester; PTSD-1)								
HUGHES2002/TURTON2009	48.9	18.2	48	41.7	16.4	17	100.0%	0.40 [-0.16, 0.96]
Subtotal (95% CI)			**48**			**17**	**100.0%**	**0.40 [-0.16, 0.96]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.41 (P = 0.16)								
1.6.2 Pregnant at participation (1-year follow-up; PTSD-1)								
HUGHES2002/TURTON2009	40.6	14.7	48	28.3	10.6	17	100.0%	0.88 [0.31, 1.46]
Subtotal (95% CI)			**48**			**17**	**100.0%**	**0.88 [0.31, 1.46]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 3.01 (P = 0.003)								

Test for subgroup differences: $Chi^2 = 1.39$, df = 1 (P = 0.24), $I^2 = 28.0\%$



Overall adverse outcome

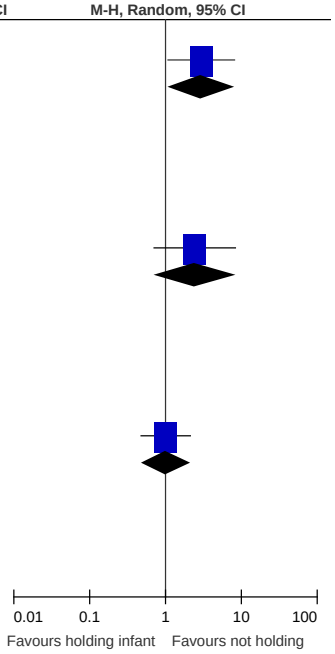
Study or Subgroup	Saw infant Events	Saw infant Total	Did not see infant Events	Did not see infant Total	Weight	Risk Ratio M-H, Random, 95% CI
1.7.1 Pregnant at participation (=> 1 score above cut-off)						
HUGHES2002/TURTON2009	36	48	4	17	100.0%	3.19 [1.33, 7.63]
Subtotal (95% CI)		**48**		**17**	**100.0%**	**3.19 [1.33, 7.63]**
Total events	36		4			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.60 (P = 0.009)						
Total (95% CI)		**48**		**17**	**100.0%**	**3.19 [1.33, 7.63]**
Total events	36		4			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.60 (P = 0.009)						
Test for subgroup differences: Not applicable						



1.3.2 Mental health outcomes for women who held versus did not hold their stillborn infant

Depression symptomatology

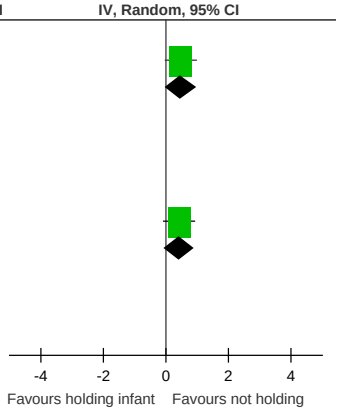
Study or Subgroup	Held infant Events	Held infant Total	Did not hold infant Events	Did not hold infant Total	Weight	Risk Ratio M-H, Random, 95% CI
2.1.1 Pregnant at participation (3rd trimester; EPDS>14)						
HUGHES2002/TURTON2009	13	34	4	31	100.0%	2.96 [1.08, 8.13]
Subtotal (95% CI)		**34**		**31**	**100.0%**	**2.96 [1.08, 8.13]**
Total events	13		4			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.11 (P = 0.03)						
2.1.2 Pregnant at participation (1-year follow-up; BDI>10)						
HUGHES2002/TURTON2009	8	34	3	31	100.0%	2.43 [0.71, 8.36]
Subtotal (95% CI)		**34**		**31**	**100.0%**	**2.43 [0.71, 8.36]**
Total events	8		3			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.41 (P = 0.16)						
2.1.3 3-years post-stillbirth (CES-D>90th percentile)						
RADESTAD2009/SURKAN2008	20	203	9	92	100.0%	1.01 [0.48, 2.13]
Subtotal (95% CI)		**203**		**92**	**100.0%**	**1.01 [0.48, 2.13]**
Total events	20		9			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.02 (P = 0.99)						



Test for subgroup differences: Chi² = 3.35, df = 2 (P = 0.19), I² = 40.2%

Depression mean symptoms

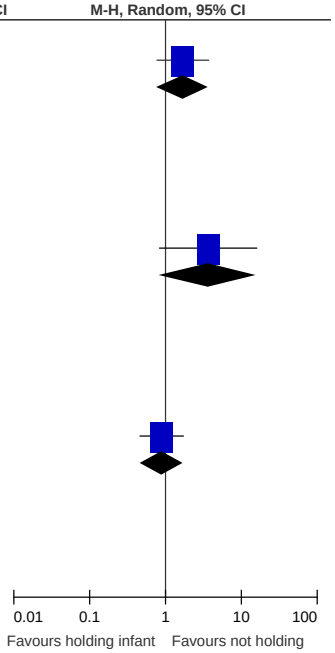
Study or Subgroup	Held infant Mean	Held infant SD	Held infant Total	Did not hold infant Mean	Did not hold infant SD	Did not hold infant Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.2.1 Pregnant at participation (3rd trimester; EPDS)								
HUGHES2002/TURTON2009	11.8	5.7	34	9.3	4.5	31	100.0%	0.48 [-0.02, 0.97]
Subtotal (95% CI)			**34**			**31**	**100.0%**	**0.48 [-0.02, 0.97]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.90 (P = 0.06)								
2.2.2 Pregnant at participation (1-year follow-up; BDI)								
HUGHES2002/TURTON2009	7.5	7.2	34	5	3.9	31	100.0%	0.42 [-0.07, 0.91]
Subtotal (95% CI)			**34**			**31**	**100.0%**	**0.42 [-0.07, 0.91]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.68 (P = 0.09)								



Test for subgroup differences: Chi² = 0.03, df = 1 (P = 0.87), I² = 0%

Anxiety symptomatology

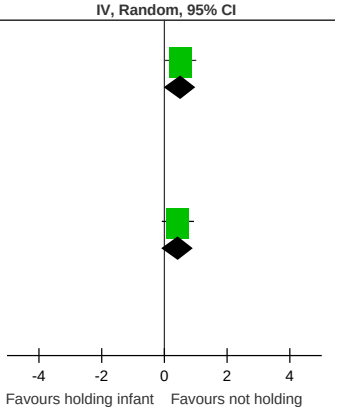
Study or Subgroup	Held infant Events	Held infant Total	Did not hold infant Events	Did not hold infant Total	Weight	Risk Ratio M-H, Random, 95% CI
2.3.1 Pregnant at participation (3rd trimester; STAI>44)						
HUGHES2002/TURTON2009	13	34	7	31	100.0%	1.69 [0.78, 3.69]
Subtotal (95% CI)		**34**		**31**	**100.0%**	**1.69 [0.78, 3.69]**
Total events	13		7			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.32 (P = 0.19)						
2.3.2 Pregnant at participation (1-year follow-up; STAI>44)						
HUGHES2002/TURTON2009	8	34	2	31	100.0%	3.65 [0.84, 15.88]
Subtotal (95% CI)		**34**		**31**	**100.0%**	**3.65 [0.84, 15.88]**
Total events	8		2			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.72 (P = 0.08)						
2.3.3 3-year post-stillbirth (STAI-S>90th percentile)						
RADESTAD2009/SURKAN2008	23	200	12	93	100.0%	0.89 [0.46, 1.71]
Subtotal (95% CI)		**200**		**93**	**100.0%**	**0.89 [0.46, 1.71]**
Total events	23		12			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.35 (P = 0.73)						



Test for subgroup differences: Chi² = 3.61, df = 2 (P = 0.16), I² = 44.6%

Anxiety mean symptoms

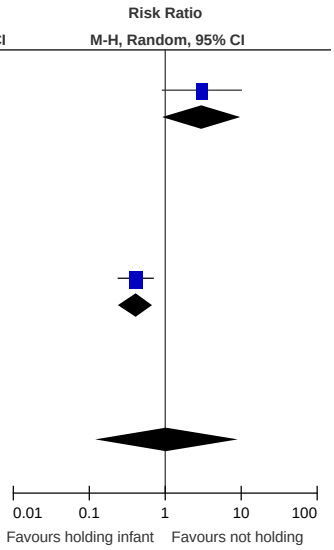
Study or Subgroup	Held infant Mean	Held infant SD	Held infant Total	Did not hold infant Mean	Did not hold infant SD	Did not hold infant Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.4.1 Pregnant at participation (3rd trimester; STAI)								
HUGHES2002/TURTON2009	42.1	11.4	34	36.3	11.4	31	100.0%	0.50 [0.01, 1.00]
Subtotal (95% CI)			**34**			**31**	**100.0%**	**0.50 [0.01, 1.00]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.99 (P = 0.05)								
2.4.2 Pregnant at participation (1-year follow-up; STAI)								
HUGHES2002/TURTON2009	34.1	12.2	34	29.5	8.3	31	100.0%	0.43 [-0.06, 0.92]
Subtotal (95% CI)			**34**			**31**	**100.0%**	**0.43 [-0.06, 0.92]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.72 (P = 0.09)								



Test for subgroup differences: Chi² = 0.04, df = 1 (P = 0.84), I² = 0%

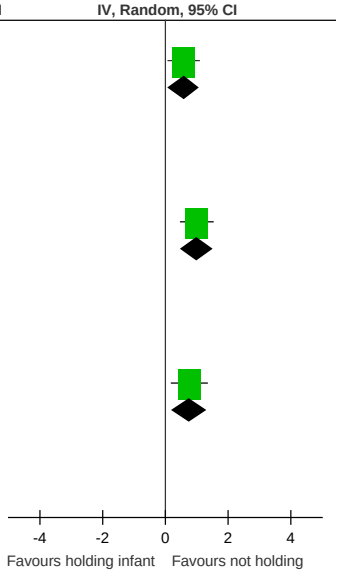
PTSD/PTSS symptomatology

Study or Subgroup	Held infant Events	Held infant Total	Did not hold infant Events	Did not hold infant Total	Weight	Risk Ratio M-H, Random, 95% CI
2.5.1 Pregnant at participation (3rd trimester; PTSD-1)						
HUGHES2002/TURTON2009	10	34	3	31	46.9%	3.04 [0.92, 10.04]
Subtotal (95% CI)		**34**		**31**	**46.9%**	**3.04 [0.92, 10.04]**
Total events	10		3			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.82 (P = 0.07)						
2.5.2 Retrospective (5-18 years post-stillbirth; IES>20)						
GRAVENSTEEN2013	20	80	11	18	53.1%	0.41 [0.24, 0.69]
Subtotal (95% CI)		**80**		**18**	**53.1%**	**0.41 [0.24, 0.69]**
Total events	20		11			
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.31 (P = 0.0009)						
Total (95% CI)		**114**		**49**	**100.0%**	**1.05 [0.12, 9.09]**
Total events	30		14			
Heterogeneity: Tau² = 2.22; Chi² = 10.97, df = 1 (P = 0.0009); I² = 91%						
Test for overall effect: Z = 0.04 (P = 0.97)						
Test for subgroup differences: Chi² = 9.05, df = 1 (P = 0.003), I² = 88.9%						



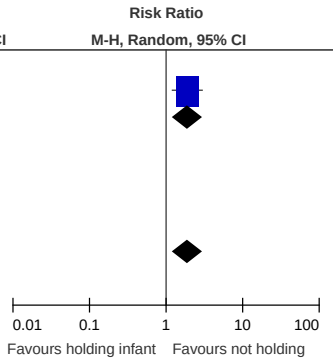
PTSD mean symptoms

Study or Subgroup	Held infant Mean	Held infant SD	Held infant Total	Did not hold infant Mean	Did not hold infant SD	Did not hold infant Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.6.1 Pregnant at participation (3rd trimester; PTSD-1)								
HUGHES2002/TURTON2009	51.8	18.9	34	41.6	15.2	31	100.0%	0.58 [0.09, 1.08]
Subtotal (95% CI)			**34**			**31**	**100.0%**	**0.58 [0.09, 1.08]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.30 (P = 0.02)								
2.6.2 Pregnant at participation (1-year follow-up; PTSD-1)								
HUGHES2002/TURTON2009	43.2	14.9	34	30.1	10.3	31	100.0%	1.00 [0.48, 1.52]
Subtotal (95% CI)			**34**			**31**	**100.0%**	**1.00 [0.48, 1.52]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 3.79 (P = 0.0002)								
2.6.3 Pregnant at participation (7-year follow-up; PTSD-1)								
HUGHES2002/TURTON2009	32	7.8	30	25.6	8.8	22	100.0%	0.77 [0.19, 1.34]
Subtotal (95% CI)			**30**			**22**	**100.0%**	**0.77 [0.19, 1.34]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.63 (P = 0.009)								
Test for subgroup differences: Chi² = 1.30, df = 2 (P = 0.52), I² = 0%								



Overall adverse outcome

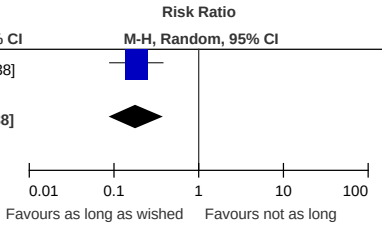
Study or Subgroup	Held infant Events	Total	Did not hold infant Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
2.7.1 Pregnant at participation (=> 1 score above cut-off)						
HUGHES2002/TURTON2009	27	34	13	31	100.0%	1.89 [1.21, 2.96]
Subtotal (95% CI)		**34**		**31**	**100.0%**	**1.89 [1.21, 2.96]**
Total events	27		13			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.79 (P = 0.005)						
Total (95% CI)		**34**		**31**	**100.0%**	**1.89 [1.21, 2.96]**
Total events	27		13			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.79 (P = 0.005)						
Test for subgroup differences: Not applicable						



1.3.3 Mental health outcomes for women who spent as much time with stillborn infant as they wished versus those who did not

Depression (3-years post-stillbirth; CES-D>90th percentile)

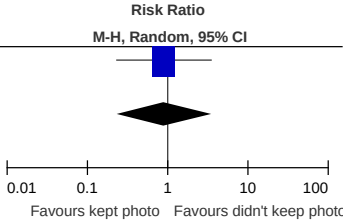
Study or Subgroup	As long as wished Events	Total	Not as long as wished Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
RADESTAD2009/SURKAN2008	12	207	12	38	100.0%	0.18 [0.09, 0.38]
Total (95% CI)		**207**		**38**	**100.0%**	**0.18 [0.09, 0.38]**
Total events	12		12			
Heterogeneity: Not applicable						
Test for overall effect: Z = 4.60 (P < 0.00001)						



1.3.4 Mental health outcomes for women who kept a photo of their stillborn infant versus those who did not

Depression (3-years post-stillbirth; CES-D>90th percentile)

Study or Subgroup	Kept photo Events	Total	Did not keep photo Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
RADESTAD2009/SURKAN2008	28	280	2	18	100.0%	0.90 [0.23, 3.48]
Total (95% CI)		**280**		**18**	**100.0%**	**0.90 [0.23, 3.48]**
Total events	28		2			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.15 (P = 0.88)						



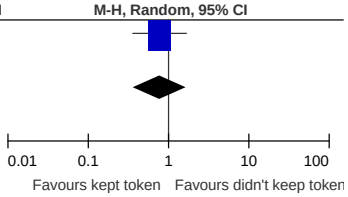
1.3.5 Mental health outcomes for women who kept a token of remembrance of their stillborn infant versus those who did not

Depression (3-years post-stillbirth; CES-D>90th percentile)

Study or Subgroup	Kept token Events	Kept token Total	Did not keep token Events	Did not keep token Total	Weight	Risk Ratio M-H, Random, 95% CI
RADESTAD2009/SURKAN2008	22	231	8	65	100.0%	0.77 [0.36, 1.66]
Total (95% CI)		**231**		**65**	**100.0%**	**0.77 [0.36, 1.66]**
Total events	22		8			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.66 (P = 0.51)



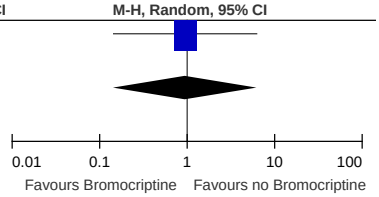
1.3.6 Mental health outcomes for women who took drug to stop milk production following stillbirth versus those who did not

Depression (3-years post-stillbirth; CES-D>90th percentile)

Study or Subgroup	Bromocriptine Events	Bromocriptine Total	No Bromocriptine Events	No Bromocriptine Total	Weight	Risk Ratio M-H, Random, 95% CI
RADESTAD2009/SURKAN2008	27	256	1	9	100.0%	0.95 [0.14, 6.23]
Total (95% CI)		**256**		**9**	**100.0%**	**0.95 [0.14, 6.23]**
Total events	27		1			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.05 (P = 0.96)



1.4 PSYCHOSOCIAL INTERVENTIONS: PREVENTION (NO RISK FACTORS IDENTIFIED)

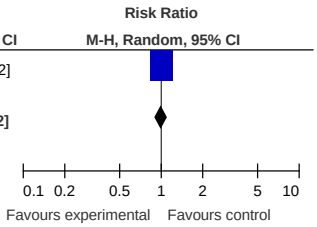
1.4.1 Depression: Structured psychological interventions (CBT or IPT) versus TAU

Depression symptomatology Post-treatment - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2009A/2009B/2011	402	1152	408	1172	100.0%	1.00 [0.90, 1.12]
Total (95% CI)		**1152**		**1172**	**100.0%**	**1.00 [0.90, 1.12]**
Total events	402		408			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.04 (P = 0.97)

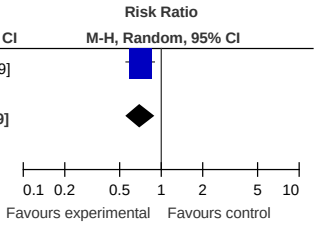


Depression symptomatology Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2009A/2009B/2011	98	848	150	914	100.0%	0.70 [0.56, 0.89]
Total (95% CI)		**848**		**914**	**100.0%**	**0.70 [0.56, 0.89]**
Total events	98		150			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.90 (P = 0.004)

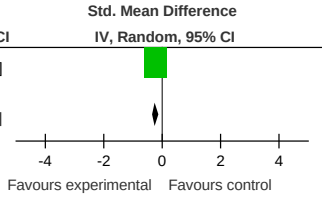


Depression mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	5.44092	3.281434	848	6.4	5.2	914	100.0%	-0.22 [-0.31, -0.13]
Total (95% CI)			**848**			**914**	**100.0%**	**-0.22 [-0.31, -0.13]**

Heterogeneity: Not applicable

Test for overall effect: Z = 4.57 (P < 0.00001)



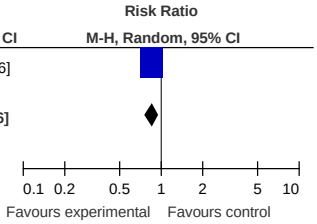
1.4.2 Depression: Listening visits versus TAU

Depression symptomatology Post-treatment - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2009A/2009B/2011	335	1125	408	1172	100.0%	0.86 [0.76, 0.96]
Total (95% CI)		**1125**		**1172**	**100.0%**	**0.86 [0.76, 0.96]**
Total events	335		408			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.57 (P = 0.01)

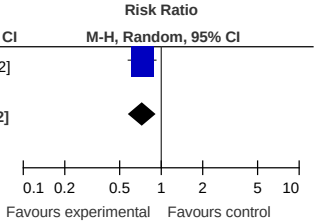


Depression symptomatology Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2009A/2009B/2011	107	897	150	914	100.0%	0.73 [0.58, 0.92]
Total (95% CI)		**897**		**914**	**100.0%**	**0.73 [0.58, 0.92]**
Total events	107		150			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.72 (P = 0.007)

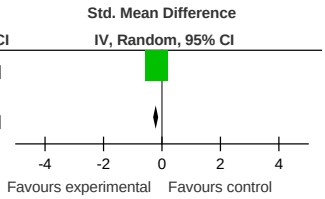


Depression mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	5.507358	3.332814	897	6.4	5.2	914	100.0%	-0.20 [-0.30, -0.11]
Total (95% CI)			**897**			**914**	**100.0%**	**-0.20 [-0.30, -0.11]**

Heterogeneity: Not applicable

Test for overall effect: Z = 4.33 (P < 0.0001)



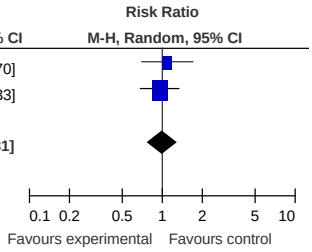
1.4.3 Depression: Psychologically (CBT/IPT)-informed psychoeducation versus TAU or Enhanced TAU

Depression symptomatology Post-treatment - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2014	36	270	33	270	36.1%	1.09 [0.70, 1.70]
KOZINSZKY2012	54	609	77	829	63.9%	0.95 [0.69, 1.33]
Total (95% CI)		**879**		**1099**	**100.0%**	**1.00 [0.77, 1.31]**
Total events	90		110			

Heterogeneity: Tau² = 0.00; Chi² = 0.22, df = 1 (P = 0.64); I² = 0%

Test for overall effect: Z = 0.01 (P = 0.99)

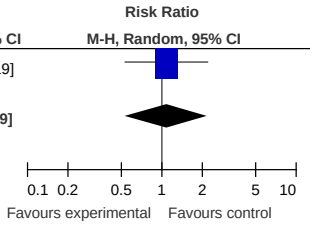


Depression symptomatology Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2014	15	249	14	251	100.0%	1.08 [0.53, 2.19]
Total (95% CI)		**249**		**251**	**100.0%**	**1.08 [0.53, 2.19]**
Total events	15		14			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.21 (P = 0.83)

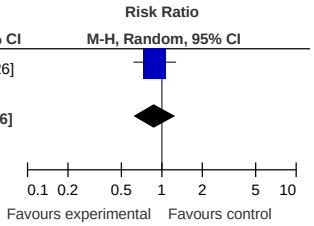


Depression symptomatology Short Follow-up (9-16 weeks post-intervention) - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2014	47	270	53	270	100.0%	0.89 [0.62, 1.26]
Total (95% CI)		**270**		**270**	**100.0%**	**0.89 [0.62, 1.26]**
Total events	47		53			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.66 (P = 0.51)

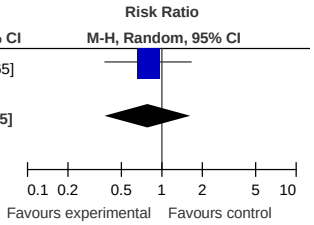


Depression symptomatology Short Follow-up (9-16 weeks post-intervention) - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2014	12	235	15	232	100.0%	0.79 [0.38, 1.65]
Total (95% CI)		**235**		**232**	**100.0%**	**0.79 [0.38, 1.65]**
Total events	12		15			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.63 (P = 0.53)

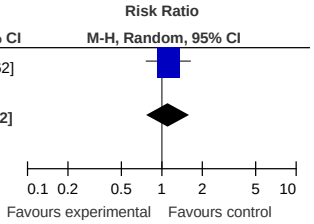


Depression symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2014	48	270	43	270	100.0%	1.12 [0.77, 1.62]
Total (95% CI)		**270**		**270**	**100.0%**	**1.12 [0.77, 1.62]**
Total events	48		43			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.57 (P = 0.57)

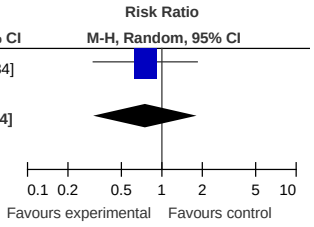


Depression symptomatology Intermediate Follow-up (17-24 weeks post-intervention) - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2014	8	230	11	238	100.0%	0.75 [0.31, 1.84]
Total (95% CI)		**230**		**238**	**100.0%**	**0.75 [0.31, 1.84]**
Total events	8		11			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.62 (P = 0.53)



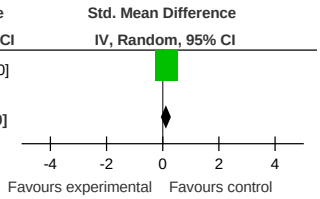
1.4.4 Depression: Home visits versus TAU

Depression mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2000	7.4	5.2	276	6.7	5.5	266	100.0%	0.13 [-0.04, 0.30]
Total (95% CI)			**276**			**266**	**100.0%**	**0.13 [-0.04, 0.30]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.52 (P = 0.13)

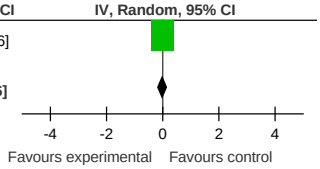


Depression mean scores Intermediate Follow-up (17-24 weeks post-intervention) - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2000	6.6	5.1	252	6.7	5.6	229	100.0%	-0.02 [-0.20, 0.16]
Total (95% CI)			**252**			**229**	**100.0%**	**-0.02 [-0.20, 0.16]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.20 (P = 0.84)



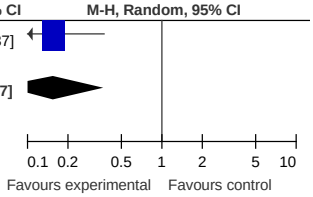
1.4.5 Depression: Post-delivery discussion versus TAU

Depression symptomatology Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
LAVENDER1998	5	58	31	56	100.0%	0.16 [0.07, 0.37]
Total (95% CI)		**58**		**56**	**100.0%**	**0.16 [0.07, 0.37]**
Total events	5		31			

Heterogeneity: Not applicable

Test for overall effect: Z = 4.19 (P < 0.0001)



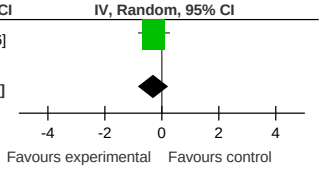
1.4.6 Depression: Mother-infant relationship interventions versus Enhanced TAU

Depression mean scores Post-treatment - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	5.51	5.06	26	6.79	4.2	28	100.0%	-0.27 [-0.81, 0.26]
Total (95% CI)			**26**			**28**	**100.0%**	**-0.27 [-0.81, 0.26]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.99 (P = 0.32)

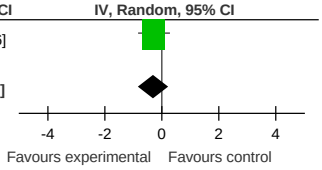


Depression mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	5.51	5.06	26	6.79	4.2	28	100.0%	-0.27 [-0.81, 0.26]
Total (95% CI)			**26**			**28**	**100.0%**	**-0.27 [-0.81, 0.26]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.99 (P = 0.32)



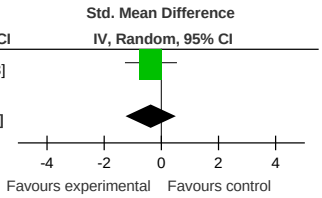
1.4.7 Depression: Mindfulness training versus TAU

Depression mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
PEREZBLASCO2013	2.31	2.56	13	3.5	3.96	8	100.0%	-0.36 [-1.25, 0.53]
Total (95% CI)			**13**			**8**	**100.0%**	**-0.36 [-1.25, 0.53]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.80 (P = 0.42)



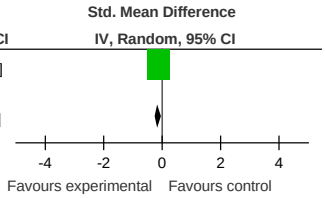
1.4.8 Anxiety: Structured psychological interventions (CBT or IPT) versus TAU

Anxiety mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	32.97371	7.732576	795	34.3	11.7	858	100.0%	-0.13 [-0.23, -0.04]
Total (95% CI)			**795**			**858**	**100.0%**	**-0.13 [-0.23, -0.04]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.69 (P = 0.007)

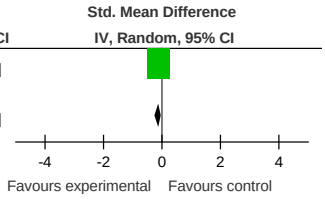


Trait anxiety mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	33.03415	6.77784	779	34.1	10.3	839	100.0%	-0.12 [-0.22, -0.02]
Total (95% CI)			**779**			**839**	**100.0%**	**-0.12 [-0.22, -0.02]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.44 (P = 0.01)



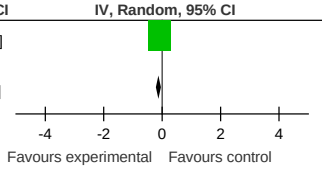
1.4.9 Anxiety: Listening visits versus TAU

Anxiety mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	33.31955	7.520815	839	34.3	11.7	858	100.0%	-0.10 [-0.19, -0.00]
Total (95% CI)			**839**			**858**	**100.0%**	**-0.10 [-0.19, -0.00]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.05 (P = 0.04)

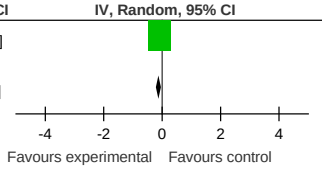


Trait anxiety mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	33.16472	6.716745	856	34.1	10.3	839	100.0%	-0.11 [-0.20, -0.01]
Total (95% CI)			**856**			**839**	**100.0%**	**-0.11 [-0.20, -0.01]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.22 (P = 0.03)



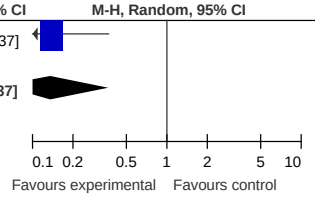
1.4.10 Anxiety: Post-delivery discussion versus TAU

Anxiety symptomatology Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
LAVENDER1998	4	58	28	56	100.0%	0.14 [0.05, 0.37]
Total (95% CI)		**58**		**56**	**100.0%**	**0.14 [0.05, 0.37]**
Total events	4		28			

Heterogeneity: Not applicable

Test for overall effect: Z = 3.96 (P < 0.0001)



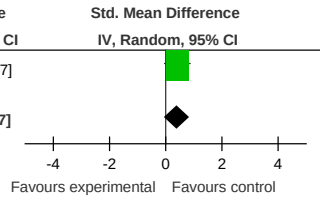
1.4.11 Anxiety: Music therapy versus TAU

Anxiety mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TSENG2010	40.05	11	37	35.33	11.45	40	100.0%	0.42 [-0.04, 0.87]
Total (95% CI)			**37**			**40**	**100.0%**	**0.42 [-0.04, 0.87]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.80 (P = 0.07)



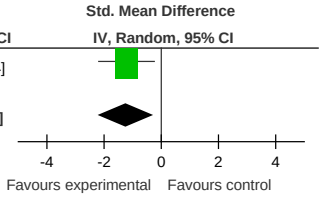
1.4.12 Anxiety: Mindfulness training versus TAU

Anxiety mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
PEREZBLASCO2013	2.46	3.38	13	7.25	4.4	8	100.0%	-1.21 [-2.18, -0.24]
Total (95% CI)			**13**			**8**	**100.0%**	**-1.21 [-2.18, -0.24]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.45 (P = 0.01)

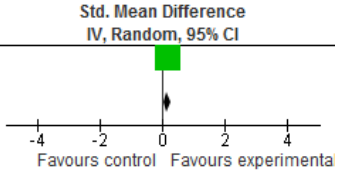


1.4.13 General mental health: Structured psychological interventions (CBT or IPT) versus TAU

General mental health mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	48.96356	6.561224	815	47.6	10.5	885	100.0%	0.15 [0.06, 0.25]
Total (95% CI)			**815**			**885**	**100.0%**	**0.15 [0.06, 0.25]**

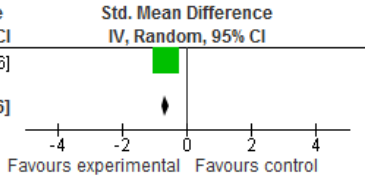
Heterogeneity: Not applicable
Test for overall effect: Z = 3.17 (P = 0.002)



Risk of self-harm mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	0	0.071381	843	0.1	0.2	906	100.0%	-0.66 [-0.75, -0.56]
Total (95% CI)			**843**			**906**	**100.0%**	**-0.66 [-0.75, -0.56]**

Heterogeneity: Not applicable
Test for overall effect: Z = 13.36 (P < 0.00001)

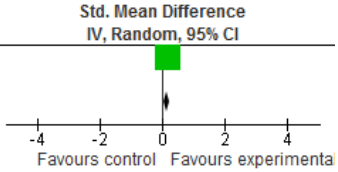


1.4.14 General mental health: Listening visits versus TAU

General mental health mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	48.93925	6.686728	879	47.6	10.5	885	100.0%	0.15 [0.06, 0.25]
Total (95% CI)			**879**			**885**	**100.0%**	**0.15 [0.06, 0.25]**

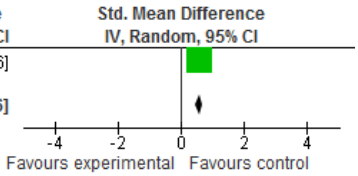
Heterogeneity: Not applicable
Test for overall effect: Z = 3.19 (P = 0.001)



Risk of self-harm mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	0.335498	0.554127	893	0.1	0.2	906	100.0%	0.57 [0.47, 0.66]
Total (95% CI)			**893**			**906**	**100.0%**	**0.57 [0.47, 0.66]**

Heterogeneity: Not applicable
Test for overall effect: Z = 11.78 (P < 0.00001)

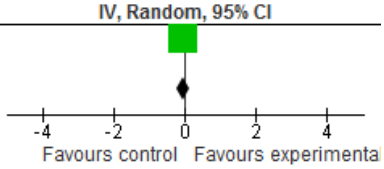


1.4.15 General mental health: Home visits versus TAU

General mental health mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2000	72	17.5	282	72.7	17.8	268	100.0%	-0.04 [-0.21, 0.13]
Total (95% CI)			**282**			**268**	**100.0%**	**-0.04 [-0.21, 0.13]**

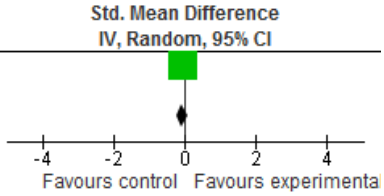
Heterogeneity: Not applicable
Test for overall effect: Z = 0.46 (P = 0.64)



General mental health mean scores Intermediate follow-up (17-24 weeks post-intervention) - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2000	72.8	17.3	254	74	17.5	227	100.0%	-0.07 [-0.25, 0.11]
Total (95% CI)			**254**			**227**	**100.0%**	**-0.07 [-0.25, 0.11]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.75 (P = 0.45)

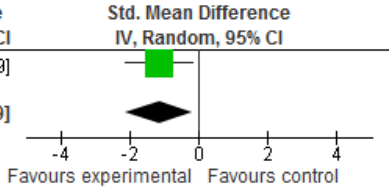


1.4.16 General mental health: Mindfulness training versus TAU

Psychological distress mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
PEREZBLASCO2013	14.31	10.29	13	28.75	14.54	8	100.0%	-1.15 [-2.11, -0.19]
Total (95% CI)			**13**			**8**	**100.0%**	**-1.15 [-2.11, -0.19]**

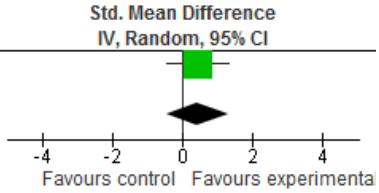
Heterogeneity: Not applicable
Test for overall effect: Z = 2.35 (P = 0.02)



Life satisfaction mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
PEREZBLASCO2013	17.69	1.93	13	16.75	2.38	8	100.0%	0.43 [-0.46, 1.32]
Total (95% CI)			**13**			**8**	**100.0%**	**0.43 [-0.46, 1.32]**

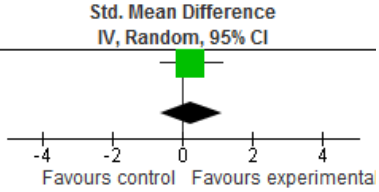
Heterogeneity: Not applicable
Test for overall effect: Z = 0.94 (P = 0.35)



Happiness mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
PEREZBLASCO2013	5.56	1.24	13	5.28	0.94	8	100.0%	0.24 [-0.65, 1.12]
Total (95% CI)			**13**			**8**	**100.0%**	**0.24 [-0.65, 1.12]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.52 (P = 0.60)

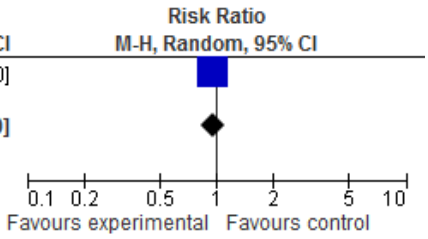


1.4.17 Mother-infant attachment: Home visits versus TAU

Discontinued breastfeeding by 6 weeks - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2000	154	280	155	268	100.0%	0.95 [0.82, 1.10]
Total (95% CI)		**280**		**268**	**100.0%**	**0.95 [0.82, 1.10]**
Total events	154		155			

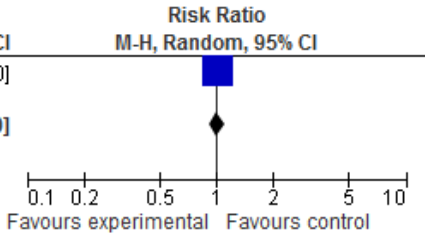
Heterogeneity: Not applicable
Test for overall effect: Z = 0.67 (P = 0.50)



Discontinued breastfeeding by 26 weeks - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2000	208	260	185	233	100.0%	1.01 [0.92, 1.10]
Total (95% CI)		**260**		**233**	**100.0%**	**1.01 [0.92, 1.10]**
Total events	208		185			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.17 (P = 0.87)

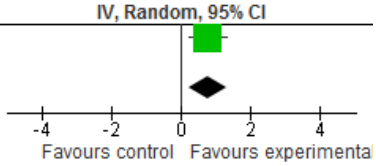


1.4.18 Mother-infant attachment: Mother-infant relationship interventions versus Enhanced TAU

Maternal sensitivity mean scores Post-treatment - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	5.25	0.83	26	4.63	0.76	28	100.0%	0.77 [0.21, 1.32]
Total (95% CI)			**26**			**28**	**100.0%**	**0.77 [0.21, 1.32]**

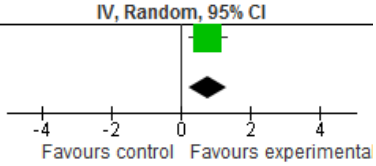
Heterogeneity: Not applicable
Test for overall effect: Z = 2.72 (P = 0.007)



Maternal sensitivity mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	5.25	0.83	26	4.63	0.76	28	100.0%	0.77 [0.21, 1.32]
Total (95% CI)			**26**			**28**	**100.0%**	**0.77 [0.21, 1.32]**

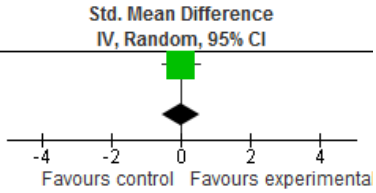
Heterogeneity: Not applicable
Test for overall effect: Z = 2.72 (P = 0.007)



Child attachment security mean scores Post-treatment - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	0.33	0.22	26	0.33	0.19	28	100.0%	0.00 [-0.53, 0.53]
Total (95% CI)			**26**			**28**	**100.0%**	**0.00 [-0.53, 0.53]**

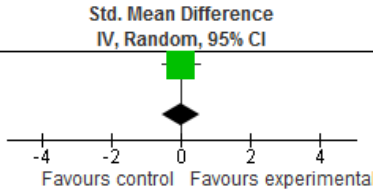
Heterogeneity: Not applicable
Test for overall effect: Z = 0.00 (P = 1.00)



Child attachment security mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	0.33	0.22	26	0.33	0.19	28	100.0%	0.00 [-0.53, 0.53]
Total (95% CI)			**26**			**28**	**100.0%**	**0.00 [-0.53, 0.53]**

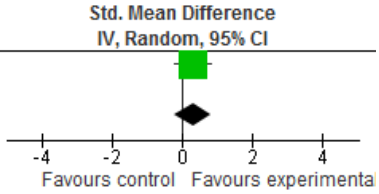
Heterogeneity: Not applicable
Test for overall effect: Z = 0.00 (P = 1.00)



Maternal confidence/competence mean scores Post-treatment - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	4.17	0.32	26	4.06	0.4	28	100.0%	0.30 [-0.24, 0.84]
Total (95% CI)			**26**			**28**	**100.0%**	**0.30 [-0.24, 0.84]**

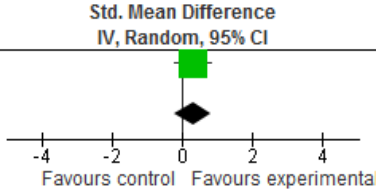
Heterogeneity: Not applicable
Test for overall effect: Z = 1.09 (P = 0.28)



Maternal confidence/competence mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	4.17	0.32	26	4.06	0.4	28	100.0%	0.30 [-0.24, 0.84]
Total (95% CI)			**26**			**28**	**100.0%**	**0.30 [-0.24, 0.84]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.09 (P = 0.28)

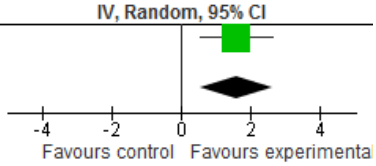


1.4.19 Mother-infant attachment: Mindfulness training versus TAU

Maternal confidence/competence mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
PEREZBLASCO2013	88.92	6.71	13	75	10.72	8	100.0%	1.59 [0.56, 2.62]
Total (95% CI)			**13**			**8**	**100.0%**	**1.59 [0.56, 2.62]**

Heterogeneity: Not applicable
Test for overall effect: Z = 3.02 (P = 0.002)

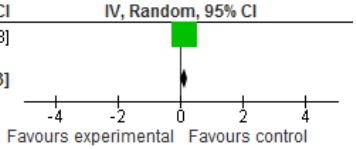


1.4.20 Quality of life: Structured psychological interventions (CBT or IPT) versus TAU

Parental stress mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	157.6374	11.77374	601	155.9	16.9	698	100.0%	0.12 [0.01, 0.23]
Total (95% CI)			**601**			**698**	**100.0%**	**0.12 [0.01, 0.23]**

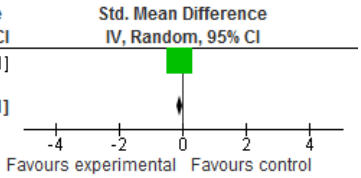
Heterogeneity: Not applicable
Test for overall effect: Z = 2.11 (P = 0.03)



Impaired functioning mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	0.54905	0.428541	842	0.6	0.7	905	100.0%	-0.09 [-0.18, 0.01]
Total (95% CI)			**842**			**905**	**100.0%**	**-0.09 [-0.18, 0.01]**

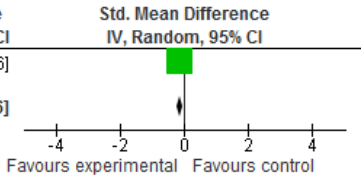
Heterogeneity: Not applicable
Test for overall effect: Z = 1.82 (P = 0.07)



Wellbeing mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	0.6981	0.499964	842	0.8	0.8	907	100.0%	-0.15 [-0.25, -0.06]
Total (95% CI)			**842**			**907**	**100.0%**	**-0.15 [-0.25, -0.06]**

Heterogeneity: Not applicable
Test for overall effect: Z = 3.16 (P = 0.002)

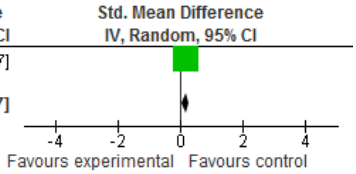


1.4.21 Quality of life: Listening visits versus TAU

Parental stress mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	158.1762	9.534574	709	155.9	16.9	698	100.0%	0.17 [0.06, 0.27]
Total (95% CI)			**709**			**698**	**100.0%**	**0.17 [0.06, 0.27]**

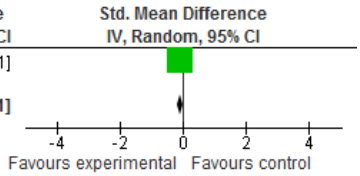
Heterogeneity: Not applicable
Test for overall effect: Z = 3.11 (P = 0.002)



Impaired functioning mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	0.552072	0.415595	893	0.6	0.7	905	100.0%	-0.08 [-0.18, 0.01]
Total (95% CI)			**893**			**905**	**100.0%**	**-0.08 [-0.18, 0.01]**

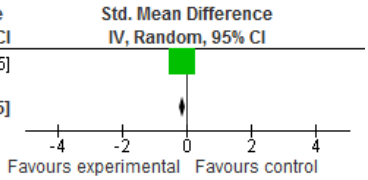
Heterogeneity: Not applicable
Test for overall effect: Z = 1.76 (P = 0.08)



Wellbeing mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	0.7	0.554127	893	0.8	0.8	907	100.0%	-0.15 [-0.24, -0.05]
Total (95% CI)			**893**			**907**	**100.0%**	**-0.15 [-0.24, -0.05]**

Heterogeneity: Not applicable
Test for overall effect: Z = 3.07 (P = 0.002)

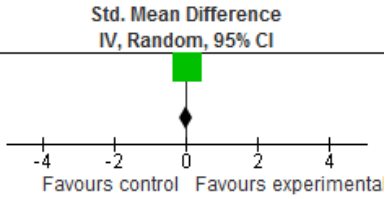


1.4.22 Quality of life: Home visits versus TAU

Social support mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2000	16.7	6.7	260	16.6	7.4	253	100.0%	0.01 [-0.16, 0.19]
Total (95% CI)			**260**			**253**	**100.0%**	**0.01 [-0.16, 0.19]**

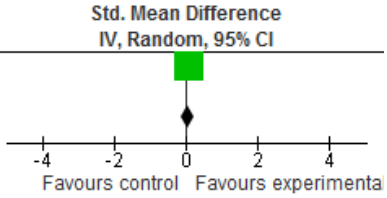
Heterogeneity: Not applicable
Test for overall effect: Z = 0.16 (P = 0.87)



Social support mean scores Intermediate follow-up (17-24 weeks post-intervention) - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2000	17.1	6.8	240	16.7	7.3	225	100.0%	0.06 [-0.13, 0.24]
Total (95% CI)			**240**			**225**	**100.0%**	**0.06 [-0.13, 0.24]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.61 (P = 0.54)

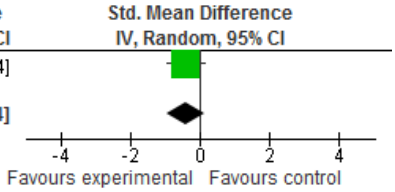


1.4.23 Quality of life: Mother-infant relationship interventions versus Enhanced TAU

Parental stress mean scores Post-treatment - ITT analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	28.41	4.64	26	31.14	8.11	28	100.0%	-0.40 [-0.94, 0.14]
Total (95% CI)			**26**			**28**	**100.0%**	**-0.40 [-0.94, 0.14]**

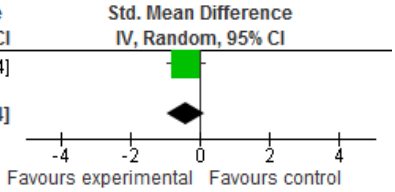
Heterogeneity: Not applicable
Test for overall effect: Z = 1.46 (P = 0.14)



Parental stress mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KALINAUSKIENE2009	28.41	4.64	26	31.14	8.11	28	100.0%	-0.40 [-0.94, 0.14]
Total (95% CI)			**26**			**28**	**100.0%**	**-0.40 [-0.94, 0.14]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.46 (P = 0.14)

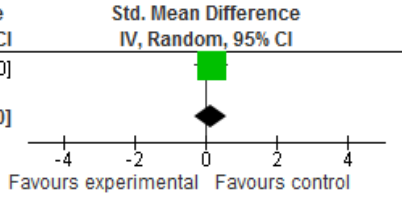


1.4.24 Quality of life: Music therapy versus TAU

Parental stress mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TSENG2010	16.49	4.27	37	15.65	6.46	40	100.0%	0.15 [-0.30, 0.60]
Total (95% CI)			**37**			**40**	**100.0%**	**0.15 [-0.30, 0.60]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.66 (P = 0.51)

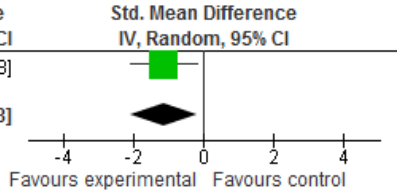


1.4.25 Quality of life: Mindfulness training versus TAU

Parental stress mean scores Post-treatment - Available case analysis (no-risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
PEREZBLASCO2013	9.54	6.44	13	18	8.14	8	100.0%	-1.14 [-2.10, -0.18]
Total (95% CI)			**13**			**8**	**100.0%**	**-1.14 [-2.10, -0.18]**

Heterogeneity: Not applicable
Test for overall effect: Z = 2.33 (P = 0.02)

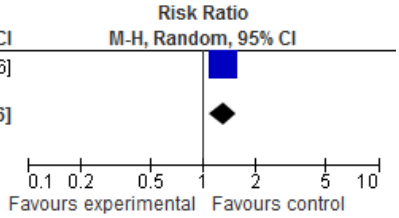


1.4.26 Attrition: Structured psychological interventions (CBT or IPT) versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2009A/2009B/2011	227	1152	177	1172	100.0%	1.30 [1.09, 1.56]
Total (95% CI)		**1152**		**1172**	**100.0%**	**1.30 [1.09, 1.56]**
Total events	227		177			

Heterogeneity: Not applicable
Test for overall effect: Z = 2.91 (P = 0.004)

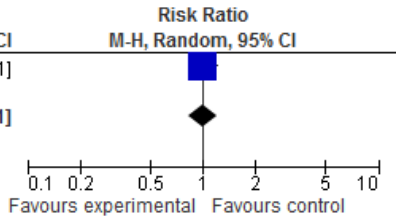


1.4.27 Attrition: Listening visits versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2009A/2009B/2011	170	1125	177	1172	100.0%	1.00 [0.82, 1.21]
Total (95% CI)		**1125**		**1172**	**100.0%**	**1.00 [0.82, 1.21]**
Total events	170		177			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.01 (P = 1.00)

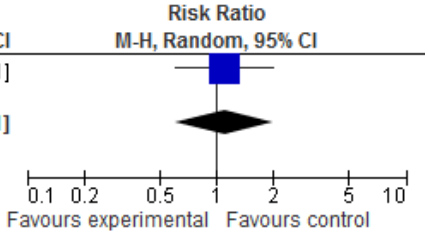


1.4.28 Attrition: Psychologically (CBT/IPT)-informed psychoeducation versus Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HOWELL2014	21	270	19	270	100.0%	1.11 [0.61, 2.01]
Total (95% CI)		**270**		**270**	**100.0%**	**1.11 [0.61, 2.01]**
Total events	21		19			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.33 (P = 0.74)

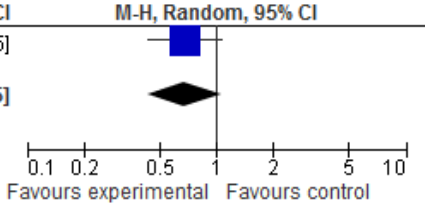


1.4.29 Attrition: Home visits versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2000	29	311	43	312	100.0%	0.68 [0.43, 1.05]
Total (95% CI)		**311**		**312**	**100.0%**	**0.68 [0.43, 1.05]**
Total events	29		43			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.72 (P = 0.08)

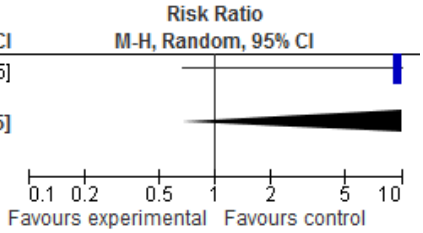


1.4.30 Attrition: Mindfulness training versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
PEREZBLASCO2013	5	13	0	13	100.0%	11.00 [0.67, 180.65]
Total (95% CI)		**13**		**13**	**100.0%**	**11.00 [0.67, 180.65]**
Total events	5		0			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.68 (P = 0.09)



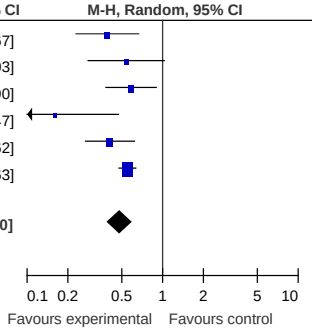
1.5 PSYCHOSOCIAL INTERVENTIONS: TREATMENT

1.5.1 Depression: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU

Depression Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
AMMERMAN2013A/2013B	12	47	30	46	12.5%	0.39 [0.23, 0.67]
BURNS2013/PEARSON2013	7	18	13	18	9.2%	0.54 [0.28, 1.03]
COOPER2003/MURRAY2003	18	50	32	52	16.9%	0.58 [0.38, 0.90]
GROTE2009	3	25	21	28	3.8%	0.16 [0.05, 0.47]
OHARA2000	18	60	44	60	17.6%	0.41 [0.27, 0.62]
RAHMAN2008	162	463	280	440	40.0%	0.55 [0.48, 0.63]
Total (95% CI)		**663**		**644**	**100.0%**	**0.48 [0.39, 0.60]**
Total events	220		420			

Heterogeneity: Tau² = 0.03; Chi² = 7.96, df = 5 (P = 0.16); I² = 37%
Test for overall effect: Z = 6.55 (P < 0.00001)

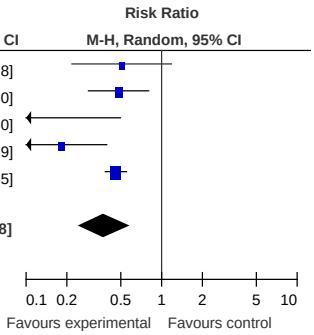


Depression Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BURNS2013/PEARSON2013	5	16	8	13	16.0%	0.51 [0.22, 1.18]
COOPER2003/MURRAY2003	13	45	30	50	26.0%	0.48 [0.29, 0.80]
GROTE2009	0	22	16	23	2.3%	0.03 [0.00, 0.50]
OHARA2000	6	48	35	51	17.8%	0.18 [0.08, 0.39]
RAHMAN2008	111	412	226	386	38.0%	0.46 [0.38, 0.55]
Total (95% CI)		**543**		**523**	**100.0%**	**0.38 [0.24, 0.58]**
Total events	135		315			

Heterogeneity: Tau² = 0.12; Chi² = 9.67, df = 4 (P = 0.05); I² = 59%

Test for overall effect: Z = 4.41 (P < 0.0001)

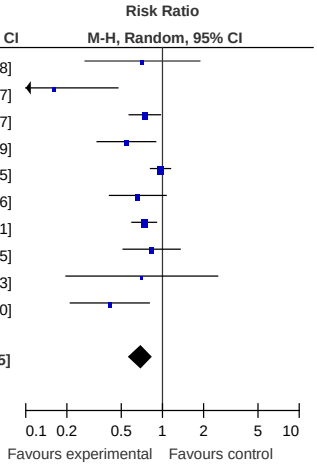


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
CHO2008	4	12	7	15	3.8%	0.71 [0.27, 1.88]
GROTE2009	3	25	21	28	3.1%	0.16 [0.05, 0.47]
MILGROM2005	29	46	28	33	16.4%	0.74 [0.57, 0.97]
MILGROM2011B	16	45	15	23	9.8%	0.55 [0.33, 0.89]
MORRELL2009A/2009B/2011	121	215	111	191	19.5%	0.97 [0.82, 1.15]
MULCAHY2010	13	29	19	28	10.1%	0.66 [0.41, 1.06]
OHARA2000	39	60	53	60	18.3%	0.74 [0.60, 0.91]
OMAHEN2013B	15	30	15	25	10.1%	0.83 [0.52, 1.35]
PRENDERGAST2001	3	17	5	20	2.3%	0.71 [0.20, 2.53]
WIKLUND2010	8	33	20	34	6.7%	0.41 [0.21, 0.80]
Total (95% CI)		**512**		**457**	**100.0%**	**0.69 [0.56, 0.85]**
Total events	251		294			

Heterogeneity: Tau² = 0.05; Chi² = 21.69, df = 9 (P = 0.010); I² = 59%

Test for overall effect: Z = 3.51 (P = 0.0004)

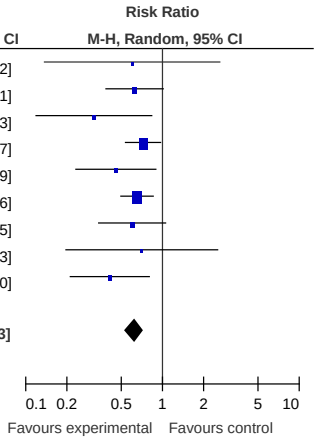


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
CHO2008	2	10	4	12	1.2%	0.60 [0.14, 2.62]
MILGROM2005	14	31	13	18	11.0%	0.63 [0.39, 1.01]
MILGROM2011B	5	34	7	15	2.7%	0.32 [0.12, 0.83]
MORRELL2009A/2009B/2011	46	140	67	147	29.4%	0.72 [0.54, 0.97]
MULCAHY2010	7	23	18	27	5.7%	0.46 [0.23, 0.89]
OHARA2000	27	48	44	51	34.6%	0.65 [0.50, 0.86]
OMAHEN2013B	9	21	15	21	8.1%	0.60 [0.34, 1.05]
PRENDERGAST2001	3	17	5	20	1.6%	0.71 [0.20, 2.53]
WIKLUND2010	8	33	20	34	5.8%	0.41 [0.21, 0.80]
Total (95% CI)		**357**		**345**	**100.0%**	**0.62 [0.53, 0.73]**
Total events	121		193			

Heterogeneity: Tau² = 0.00; Chi² = 5.32, df = 8 (P = 0.72); I² = 0%

Test for overall effect: Z = 5.82 (P < 0.00001)

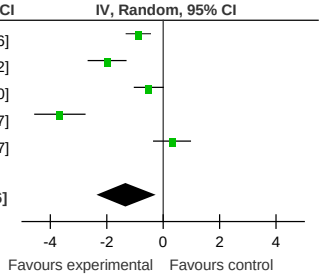


Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
AMMERMAN2013A/2013B	9.49	7.35	47	15.26	5.47	46	20.9%	-0.88 [-1.31, -0.46]
GROTE2009	3.6	3.2	25	13.2	5.8	28	19.9%	-1.99 [-2.66, -1.32]
MILGROM2011B	8.553333	3.394113	45	11.8	9.8	23	20.6%	-0.51 [-1.02, 0.00]
OMAHEN2013B	15.19	2.12	30	23.39	2.31	25	18.7%	-3.66 [-4.55, -2.77]
PRENDERGAST2001	8.1	2.9	17	6.5	6.2	20	20.0%	0.31 [-0.34, 0.97]
Total (95% CI)			**164**			**142**	**100.0%**	**-1.31 [-2.36, -0.26]**

Heterogeneity: Tau² = 1.33; Chi² = 62.55, df = 4 (P < 0.00001); I² = 94%

Test for overall effect: Z = 2.44 (P = 0.01)

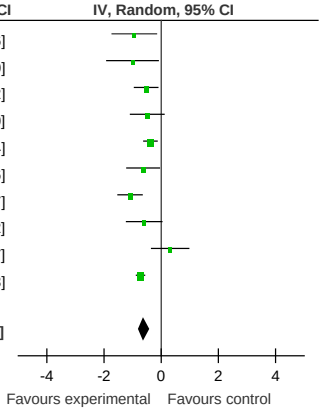


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BURNS2013/PEARSON2013	7.9	4.7	16	13.8	7.5	13	5.3%	-0.94 [-1.72, -0.16]
CHO2008	9.3	6.4	10	18.1	9.8	12	4.2%	-1.00 [-1.90, -0.10]
COOPER2003/MURRAY2003	8.9	4.2	45	11.3	4.8	50	11.7%	-0.53 [-0.94, -0.12]
MILGROM2005	14.48	8.79	31	18.78	8.49	18	7.8%	-0.49 [-1.08, 0.10]
MORRELL2009A/2009B/2011	9.2	5.3	140	11.3	5.8	147	17.3%	-0.38 [-0.61, -0.14]
MULCAHY2010	10.34	4.76	23	13.77	5.8	27	8.1%	-0.63 [-1.20, -0.06]
OHARA2000	10.6	6.8	48	19.2	8.7	51	11.4%	-1.09 [-1.51, -0.67]
OMAHEN2013B	15.85	7.84	21	22.24	12.67	21	7.3%	-0.60 [-1.21, 0.02]
PRENDERGAST2001	8.1	2.9	17	6.5	6.2	20	6.8%	0.31 [-0.34, 0.97]
RAHMAN2008	5.4	6.5	412	10.7	8.1	386	20.1%	-0.72 [-0.87, -0.58]
Total (95% CI)			**763**			**745**	**100.0%**	**-0.60 [-0.80, -0.40]**

Heterogeneity: Tau² = 0.05; Chi² = 20.52, df = 9 (P = 0.01); I² = 56%

Test for overall effect: Z = 5.76 (P < 0.00001)

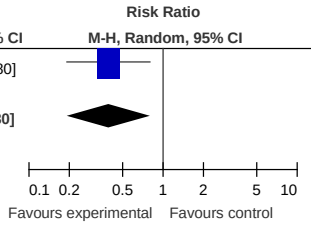


Depression Short Follow-up (diagnosis at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
AMMERMAN2013A/2013B	8	47	20	46	100.0%	0.39 [0.19, 0.80]
Total (95% CI)		**47**		**46**	**100.0%**	**0.39 [0.19, 0.80]**
Total events	8		20			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.58 (P = 0.010)

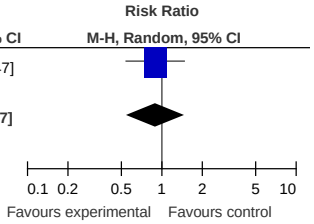


Depression Short Follow-up (symptomatology - above threshold at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013B	15	30	14	25	100.0%	0.89 [0.54, 1.47]
Total (95% CI)		**30**		**25**	**100.0%**	**0.89 [0.54, 1.47]**
Total events	15		14			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.45 (P = 0.66)

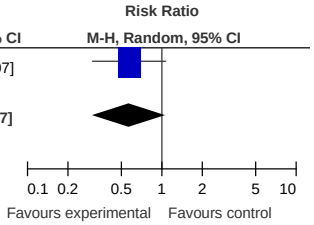


Depression Short Follow-up (symptomatology - above threshold at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013B	8	21	14	21	100.0%	0.57 [0.31, 1.07]
Total (95% CI)		**21**		**21**	**100.0%**	**0.57 [0.31, 1.07]**
Total events	8		14			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.76 (P = 0.08)

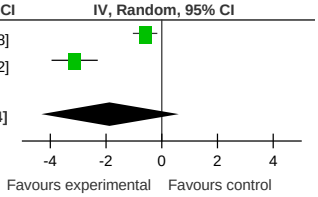


Depression Short Follow-up (mean depression symptoms at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
AMMERMAN2013A/2013B	8.59	7.22	47	13.24	8.2	46	51.0%	-0.60 [-1.01, -0.18]
OMAHEN2013B	14.2	2.2	30	21.47	2.4	25	49.0%	-3.13 [-3.93, -2.32]
Total (95% CI)			**77**			**71**	**100.0%**	**-1.84 [-4.31, 0.64]**

Heterogeneity: Tau² = 3.09; Chi² = 29.87, df = 1 (P < 0.00001); I² = 97%

Test for overall effect: Z = 1.45 (P = 0.15)

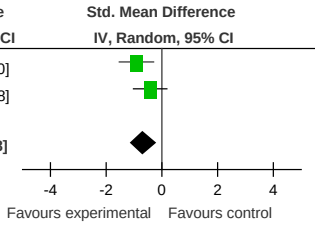


Depression Short Follow-up (mean depression symptoms or change score at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MULCAHY2010	7.7	4.39	22	12.73	6.24	23	48.8%	-0.91 [-1.53, -0.30]
OMAHEN2013B	14.54	9.86	21	19.71	13.81	23	51.2%	-0.42 [-1.02, 0.18]
Total (95% CI)			**43**			**46**	**100.0%**	**-0.66 [-1.14, -0.18]**

Heterogeneity: Tau² = 0.03; Chi² = 1.26, df = 1 (P = 0.26); I² = 21%

Test for overall effect: Z = 2.68 (P = 0.007)

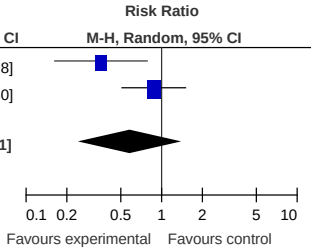


Depression Intermediate Follow-up (diagnosis at 17-24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BURNS2013/PEARSON2013	5	18	14	18	44.8%	0.36 [0.16, 0.78]
COOPER2003/MURRAY2003	16	50	19	52	55.2%	0.88 [0.51, 1.50]
Total (95% CI)		**68**		**70**	**100.0%**	**0.59 [0.24, 1.41]**
Total events	21		33			

Heterogeneity: Tau² = 0.28; Chi² = 3.41, df = 1 (P = 0.06); I² = 71%

Test for overall effect: Z = 1.20 (P = 0.23)

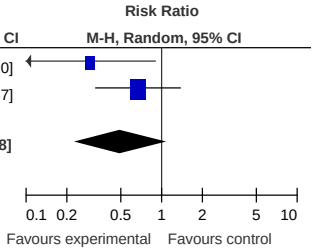


Depression Intermediate Follow-up (diagnosis at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BURNS2013/PEARSON2013	3	16	7	11	36.0%	0.29 [0.10, 0.90]
COOPER2003/MURRAY2003	9	43	15	48	64.0%	0.67 [0.33, 1.37]
Total (95% CI)		**59**		**59**	**100.0%**	**0.50 [0.23, 1.08]**
Total events	12		22			

Heterogeneity: Tau² = 0.11; Chi² = 1.48, df = 1 (P = 0.22); I² = 32%

Test for overall effect: Z = 1.77 (P = 0.08)

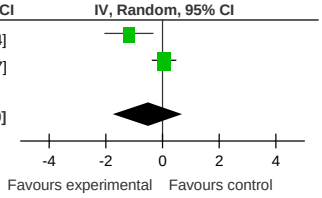


Depression Intermediate Follow-up (mean depression symptoms at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BURNS2013/PEARSON2013	7.1	4.8	16	13.7	6.2	11	45.4%	-1.18 [-2.02, -0.34]
COOPER2003/MURRAY2003	9.5	5.5	43	9.2	5.4	48	54.6%	0.05 [-0.36, 0.47]
Total (95% CI)			**59**			**59**	**100.0%**	**-0.51 [-1.72, 0.70]**

Heterogeneity: Tau² = 0.65; Chi² = 6.73, df = 1 (P = 0.009); I² = 85%

Test for overall effect: Z = 0.82 (P = 0.41)

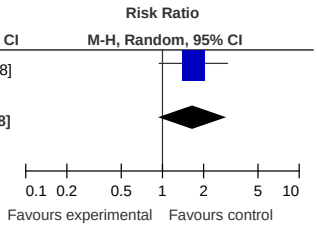


Depression Long Follow-up (diagnosis at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	21	50	13	52	100.0%	1.68 [0.95, 2.98]
Total (95% CI)		**50**		**52**	**100.0%**	**1.68 [0.95, 2.98]**
Total events	21		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.78 (P = 0.08)

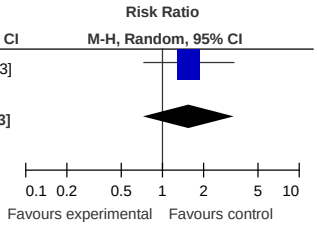


Depression Long Follow-up (diagnosis at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	12	41	9	48	100.0%	1.56 [0.73, 3.33]
Total (95% CI)		**41**		**48**	**100.0%**	**1.56 [0.73, 3.33]**
Total events	12		9			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.15 (P = 0.25)

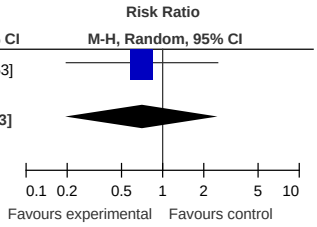


Depression Long Follow-up (symptomatology - above threshold >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
PRENDERGAST2001	3	17	5	20	100.0%	0.71 [0.20, 2.53]
Total (95% CI)		**17**		**20**	**100.0%**	**0.71 [0.20, 2.53]**
Total events	3		5			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.53 (P = 0.59)

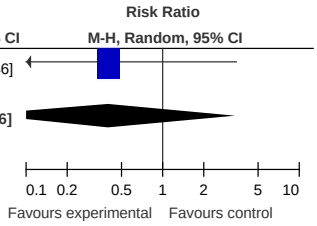


Depression Long Follow-up (symptomatology - above threshold >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
PRENDERGAST2001	1	15	3	18	100.0%	0.40 [0.05, 3.46]
Total (95% CI)		**15**		**18**	**100.0%**	**0.40 [0.05, 3.46]**
Total events	1		3			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.83 (P = 0.41)

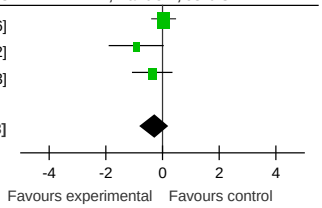


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	9.1	5.6	41	8.9	4.4	48	48.4%	0.04 [-0.38, 0.46]
MILGROM2005	12.17	9.1	12	21.13	9.5	8	20.6%	-0.93 [-1.88, 0.02]
PRENDERGAST2001	6.2	4.2	15	7.7	3.9	18	31.0%	-0.36 [-1.05, 0.33]
Total (95% CI)			**68**			**74**	**100.0%**	**-0.28 [-0.80, 0.23]**

Heterogeneity: Tau² = 0.10; Chi² = 3.71, df = 2 (P = 0.16); I² = 46%

Test for overall effect: Z = 1.09 (P = 0.28)

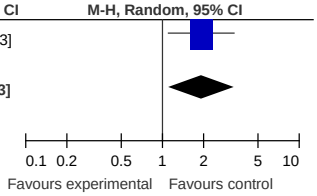


Depression Very long Follow-up (diagnosis at >104 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	24	50	13	52	100.0%	1.92 [1.11, 3.33]
Total (95% CI)		**50**		**52**	**100.0%**	**1.92 [1.11, 3.33]**
Total events	24		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.32 (P = 0.02)

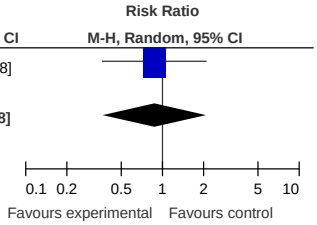


Depression Very long Follow-up (diagnosis at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	7	33	9	37	100.0%	0.87 [0.37, 2.08]
Total (95% CI)		**33**		**37**	**100.0%**	**0.87 [0.37, 2.08]**
Total events	7		9			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.31 (P = 0.76)

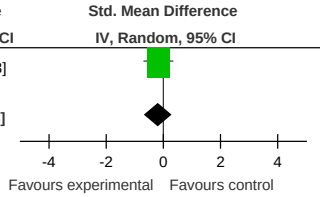


Depression Very long Follow-up (mean depression symptoms at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	9	4.5	28	9.9	5.7	34	100.0%	-0.17 [-0.67, 0.33]
Total (95% CI)			**28**			**34**	**100.0%**	**-0.17 [-0.67, 0.33]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.67 (P = 0.50)

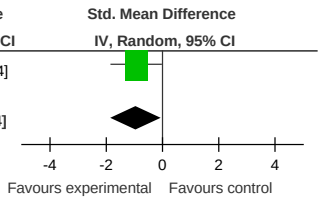


Negative thoughts/mood Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
CHO2008	29.5	21.6	10	50.4	21.4	12	100.0%	-0.94 [-1.83, -0.04]
Total (95% CI)			**10**			**12**	**100.0%**	**-0.94 [-1.83, -0.04]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.05 (P = 0.04)



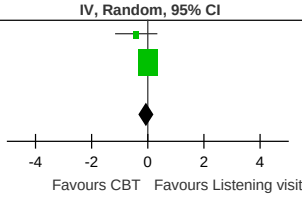
1.5.2 Depression: CBT versus listening visits

Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	CBT Mean	CBT SD	CBT Total	Listening visits Mean	Listening visits SD	Listening visits Total	Weight	Std. Mean Difference IV, Random, 95% CI
HAYDEN2012	17.3	12.3	17	22.1	9.9	13	13.4%	-0.41 [-1.14, 0.32]
MORRELL2009A/2009B/2011	9.2	5.3	140	9.2	5.5	131	86.6%	0.00 [-0.24, 0.24]
Total (95% CI)			**157**			**144**	**100.0%**	**-0.06 [-0.33, 0.22]**

Heterogeneity: Tau² = 0.01; Chi² = 1.10, df = 1 (P = 0.29); I² = 9%

Test for overall effect: Z = 0.39 (P = 0.69)



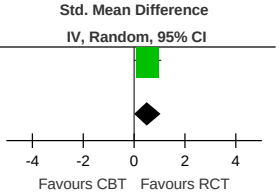
1.5.3 Depression: CBT versus Relational Constructivist Therapy

Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	CBT Mean	CBT SD	CBT Total	RCT Mean	RCT SD	RCT Total	Weight	Std. Mean Difference IV, Random, 95% CI
PINHEIRO2014	14.1	10.15	32	8.85	9.34	28	100.0%	0.53 [0.01, 1.05]
Total (95% CI)			**32**			**28**	**100.0%**	**0.53 [0.01, 1.05]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.01 (P = 0.04)



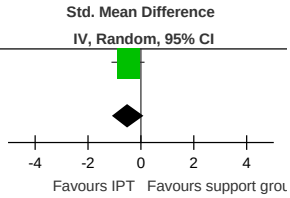
1.5.4 Depression: IPT versus support group

Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	IPT Mean	IPT SD	IPT Total	Support group Mean	Support group SD	Support group Total	Weight	Std. Mean Difference IV, Random, 95% CI
FIELD2013C	17.5	6.7	22	21	7.4	22	100.0%	-0.49 [-1.09, 0.11]
Total (95% CI)			**22**			**22**	**100.0%**	**-0.49 [-1.09, 0.11]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.59 (P = 0.11)



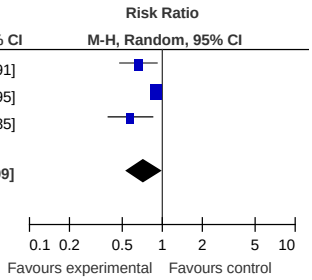
1.5.5 Depression: Facilitated self-help versus TAU

Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT Analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2011A	30	71	46	72	29.9%	0.66 [0.48, 0.91]
OMAHEN2013A	351	462	381	448	43.8%	0.89 [0.84, 0.95]
OMAHEN2013C	18	41	32	42	26.3%	0.58 [0.39, 0.85]
Total (95% CI)		**574**		**562**	**100.0%**	**0.73 [0.53, 0.99]**
Total events	399		459			

Heterogeneity: Tau² = 0.06; Chi² = 8.61, df = 2 (P = 0.01); I² = 77%

Test for overall effect: Z = 2.03 (P = 0.04)

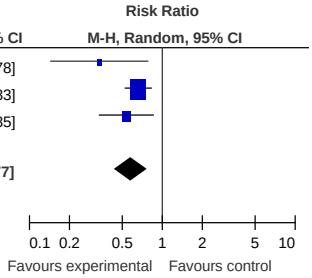


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2011A	6	47	16	42	10.2%	0.34 [0.14, 0.78]
OMAHEN2013A	70	181	95	162	62.6%	0.66 [0.53, 0.83]
OMAHEN2013C	14	37	24	34	27.1%	0.54 [0.34, 0.85]
Total (95% CI)		**265**		**238**	**100.0%**	**0.58 [0.44, 0.77]**
Total events	90		135			

Heterogeneity: Tau² = 0.02; Chi² = 2.75, df = 2 (P = 0.25); I² = 27%

Test for overall effect: Z = 3.75 (P = 0.0002)

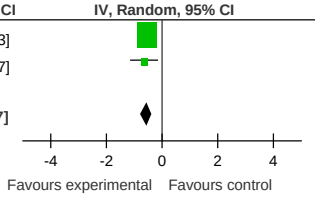


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013A	10.94	5.57	181	14.28	6.63	162	83.1%	-0.55 [-0.76, -0.33]
OMAHEN2013C	11.05	4.71	37	14.26	5.11	34	16.9%	-0.65 [-1.13, -0.17]
Total (95% CI)			**218**			**196**	**100.0%**	**-0.56 [-0.76, -0.37]**

Heterogeneity: Tau² = 0.00; Chi² = 0.14, df = 1 (P = 0.71); I² = 0%

Test for overall effect: Z = 5.62 (P < 0.00001)



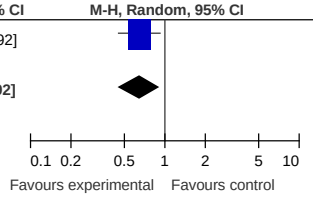
1.5.6 Depression: Post-miscarriage self-help versus TAU

Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2011	22	45	25	33	100.0%	0.65 [0.45, 0.92]
Total (95% CI)		**45**		**33**	**100.0%**	**0.65 [0.45, 0.92]**
Total events	22		25			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.41 (P = 0.02)

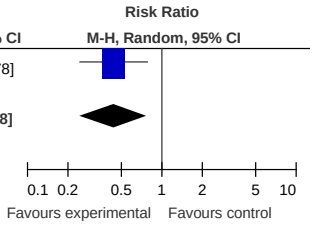


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2011	10	33	18	26	100.0%	0.44 [0.25, 0.78]
Total (95% CI)		**33**		**26**	**100.0%**	**0.44 [0.25, 0.78]**
Total events	10		18			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.80 (P = 0.005)

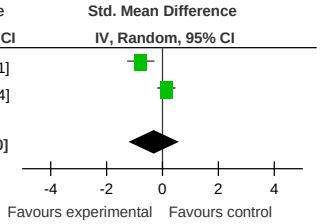


Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KERSTING2011	0.47	0.49	45	0.99	0.85	33	48.0%	-0.77 [-1.24, -0.31]
SWANSON2009	13.63	9.447	86	12.35	8.723	86	52.0%	0.14 [-0.16, 0.44]
Total (95% CI)			**131**			**119**	**100.0%**	**-0.30 [-1.19, 0.60]**

Heterogeneity: Tau² = 0.38; Chi² = 10.45, df = 1 (P = 0.001); I² = 90%

Test for overall effect: Z = 0.65 (P = 0.51)

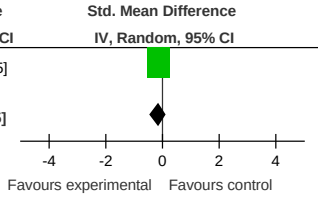


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SWANSON2009	12.28	9.079	86	13.86	11.591	86	100.0%	-0.15 [-0.45, 0.15]
Total (95% CI)			**86**			**86**	**100.0%**	**-0.15 [-0.45, 0.15]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.99 (P = 0.32)



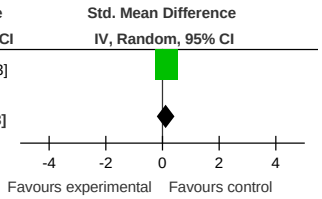
1.5.7 Depression: Post-miscarriage facilitated self-help versus TAU

Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SWANSON2009	13.55	10.131	85	12.35	8.723	86	100.0%	0.13 [-0.17, 0.43]
Total (95% CI)			**85**			**86**	**100.0%**	**0.13 [-0.17, 0.43]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.83 (P = 0.41)

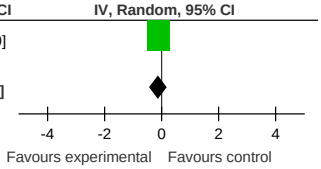


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SWANSON2009	12.71	10.358	85	13.86	11.591	86	100.0%	-0.10 [-0.40, 0.20]
Total (95% CI)			**85**			**86**	**100.0%**	**-0.10 [-0.40, 0.20]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.68 (P = 0.50)



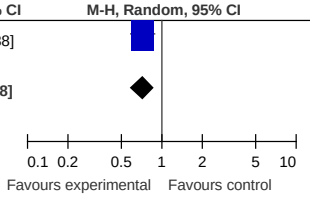
1.5.8 Depression: Directive counselling versus TAU

Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2005	69	113	28	33	100.0%	0.72 [0.59, 0.88]
Total (95% CI)		**113**		**33**	**100.0%**	**0.72 [0.59, 0.88]**
Total events	69		28			

Heterogeneity: Not applicable

Test for overall effect: Z = 3.13 (P = 0.002)

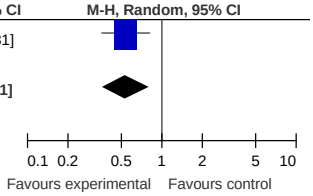


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2005	28	72	13	18	100.0%	0.54 [0.36, 0.81]
Total (95% CI)		**72**		**18**	**100.0%**	**0.54 [0.36, 0.81]**
Total events	28		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.98 (P = 0.003)

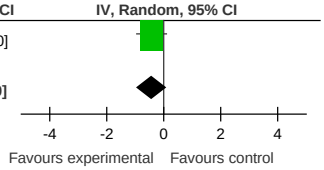


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MILGROM2005	15.16944	8.409419	72	18.78	8.49	18	100.0%	-0.42 [-0.95, 0.10]
Total (95% CI)			**72**			**18**	**100.0%**	**-0.42 [-0.95, 0.10]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.60 (P = 0.11)

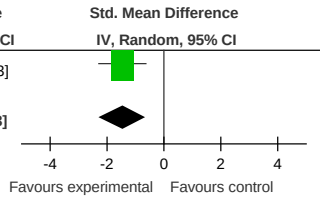


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MILGROM2005	11.18838	6.000294	37	21.13	9.5	8	100.0%	-1.46 [-2.29, -0.63]
Total (95% CI)			**37**			**8**	**100.0%**	**-1.46 [-2.29, -0.63]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.46 (P = 0.0005)



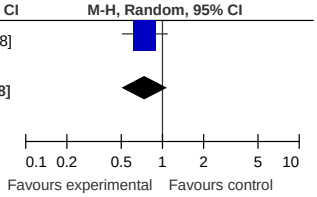
1.5.9 Depression: Listening visits versus TAU

Depression Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	22	48	32	52	100.0%	0.74 [0.51, 1.08]
Total (95% CI)		**48**		**52**	**100.0%**	**0.74 [0.51, 1.08]**
Total events	22		32			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.54 (P = 0.12)

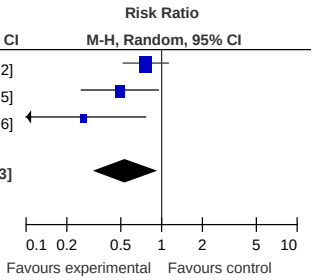


Depression Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	22	48	30	50	48.1%	0.76 [0.52, 1.12]
HOLDEN1989	8	26	15	24	33.0%	0.49 [0.26, 0.95]
WICKBERG1996	3	15	12	16	18.9%	0.27 [0.09, 0.76]
Total (95% CI)		**89**		**90**	**100.0%**	**0.54 [0.31, 0.93]**
Total events	33		57			

Heterogeneity: Tau² = 0.12; Chi² = 4.27, df = 2 (P = 0.12); I² = 53%

Test for overall effect: Z = 2.20 (P = 0.03)

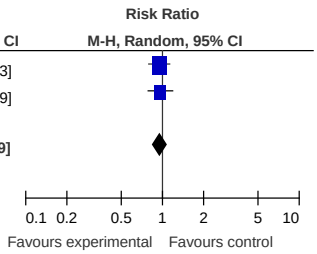


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2009A/2009B/2011	104	189	111	191	57.8%	0.95 [0.79, 1.13]
WIGGINS2005	72	183	223	548	42.2%	0.97 [0.79, 1.19]
Total (95% CI)		**372**		**739**	**100.0%**	**0.96 [0.84, 1.09]**
Total events	176		334			

Heterogeneity: Tau² = 0.00; Chi² = 0.02, df = 1 (P = 0.88); I² = 0%

Test for overall effect: Z = 0.67 (P = 0.50)

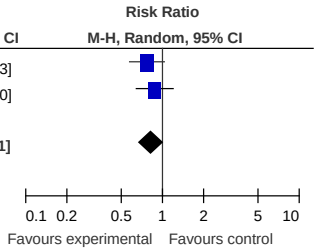


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MORRELL2009A/2009B/2011	46	131	67	147	52.9%	0.77 [0.58, 1.03]
WIGGINS2005	38	149	133	458	47.1%	0.88 [0.64, 1.20]
Total (95% CI)		**280**		**605**	**100.0%**	**0.82 [0.66, 1.01]**
Total events	84		200			

Heterogeneity: Tau² = 0.00; Chi² = 0.37, df = 1 (P = 0.54); I² = 0%

Test for overall effect: Z = 1.84 (P = 0.07)

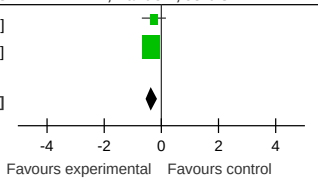


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	9.9	5.9	47	11.3	4.8	50	26.1%	-0.26 [-0.66, 0.14]
MORRELL2009A/2009B/2011	9.2	5.5	131	11.3	5.8	147	73.9%	-0.37 [-0.61, -0.13]
Total (95% CI)			**178**			**197**	**100.0%**	**-0.34 [-0.55, -0.14]**

Heterogeneity: Tau² = 0.00; Chi² = 0.22, df = 1 (P = 0.64); I² = 0%

Test for overall effect: Z = 3.27 (P = 0.001)

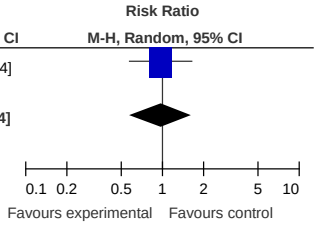


Depression Intermediate Follow-up (diagnosis at 17-24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	17	48	19	52	100.0%	0.97 [0.57, 1.64]
Total (95% CI)		**48**		**52**	**100.0%**	**0.97 [0.57, 1.64]**
Total events	17		19			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.12 (P = 0.91)

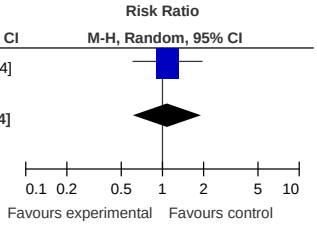


Depression Intermediate Follow-up (diagnosis at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	16	47	15	48	100.0%	1.09 [0.61, 1.94]
Total (95% CI)		**47**		**48**	**100.0%**	**1.09 [0.61, 1.94]**
Total events	16		15			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.29 (P = 0.77)

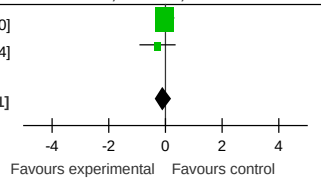


Depression Intermediate Follow-up (mean depression symptoms at 17-24 week follow-up) - by intervention

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LEUNG2012	7.59	4.75	78	7.68	5.56	78	79.4%	-0.02 [-0.33, 0.30]
MUNOZ2007/URIZAR2011	7.67	5.34	21	9.16	5.24	20	20.6%	-0.28 [-0.89, 0.34]
Total (95% CI)			**99**			**98**	**100.0%**	**-0.07 [-0.35, 0.21]**

Heterogeneity: Tau² = 0.00; Chi² = 0.54, df = 1 (P = 0.46); I² = 0%

Test for overall effect: Z = 0.50 (P = 0.62)

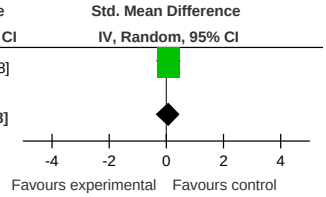


Depression Intermediate Follow-up (mean depression symptoms at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	9.6	5.8	46	9.2	5.4	48	100.0%	0.07 [-0.33, 0.48]
Total (95% CI)			**46**			**48**	**100.0%**	**0.07 [-0.33, 0.48]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.34 (P = 0.73)

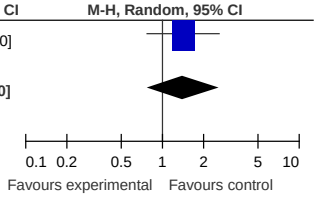


Depression Long Follow-up (diagnosis at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	17	48	13	52	100.0%	1.42 [0.77, 2.60]
Total (95% CI)		**48**		**52**	**100.0%**	**1.42 [0.77, 2.60]**
Total events	17		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.13 (P = 0.26)

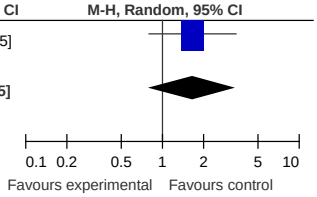


Depression Long Follow-up (diagnosis at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	14	45	9	48	100.0%	1.66 [0.80, 3.45]
Total (95% CI)		**45**		**48**	**100.0%**	**1.66 [0.80, 3.45]**
Total events	14		9			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.36 (P = 0.18)

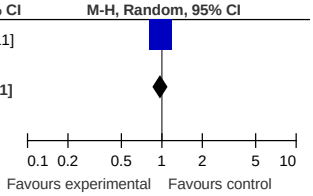


Depression Long Follow-up (symptomatology - above threshold >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	117	183	357	548	100.0%	0.98 [0.87, 1.11]
Total (95% CI)		**183**		**548**	**100.0%**	**0.98 [0.87, 1.11]**
Total events	117		357			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.29 (P = 0.77)

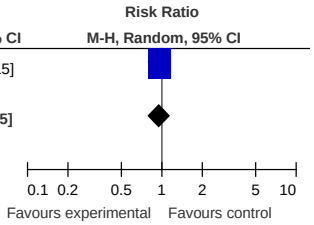


Depression Long Follow-up (symptomatology - above threshold >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	70	136	222	413	100.0%	0.96 [0.79, 1.15]
Total (95% CI)		**136**		**413**	**100.0%**	**0.96 [0.79, 1.15]**
Total events	70		222			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.46 (P = 0.65)

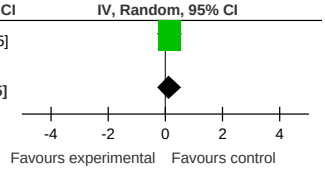


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	9.6	5.2	44	8.9	4.4	48	100.0%	0.14 [-0.26, 0.55]
Total (95% CI)			**44**			**48**	**100.0%**	**0.14 [-0.26, 0.55]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.69 (P = 0.49)

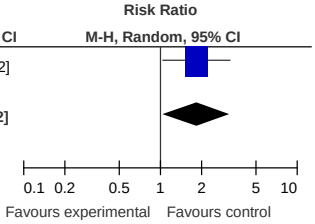


Depression Very long Follow-up (diagnosis at >104 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	22	48	13	52	100.0%	1.83 [1.04, 3.22]
Total (95% CI)		**48**		**52**	**100.0%**	**1.83 [1.04, 3.22]**
Total events	22		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.11 (P = 0.03)

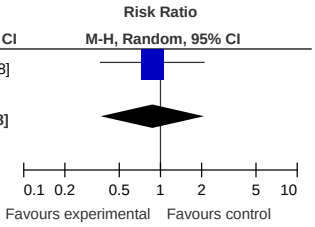


Depression Very long Follow-up (diagnosis at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	7	33	9	37	100.0%	0.87 [0.37, 2.08]
Total (95% CI)		**33**		**37**	**100.0%**	**0.87 [0.37, 2.08]**
Total events	7		9			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.31 (P = 0.76)

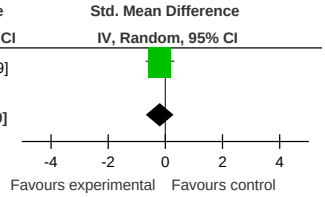


Depression Very long Follow-up (mean depression symptoms at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	8.9	4.9	33	9.9	5.7	34	100.0%	-0.19 [-0.67, 0.29]
Total (95% CI)			**33**			**34**	**100.0%**	**-0.19 [-0.67, 0.29]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.76 (P = 0.45)



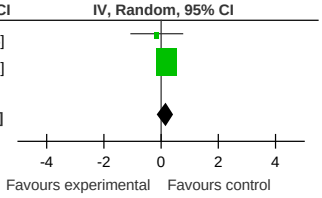
1.5.10 Depression: Post-miscarriage counselling versus TAU

Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEUGEBAUER2006	11.6	8.2	10	12.9	8.3	9	10.0%	-0.15 [-1.05, 0.75]
SWANSON2009	14.27	9.797	84	12.35	8.723	86	90.0%	0.21 [-0.10, 0.51]
Total (95% CI)			**94**			**95**	**100.0%**	**0.17 [-0.12, 0.46]**

Heterogeneity: Tau² = 0.00; Chi² = 0.54, df = 1 (P = 0.46); I² = 0%

Test for overall effect: Z = 1.17 (P = 0.24)

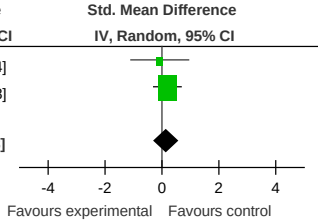


Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEUGEBAUER2006	10.6	8.8	8	11.3	8.5	7	18.5%	-0.08 [-1.09, 0.94]
NIKCEVIC2007	4.1	4.2	33	3.4	2.9	33	81.5%	0.19 [-0.29, 0.68]
Total (95% CI)			**41**			**40**	**100.0%**	**0.14 [-0.29, 0.58]**

Heterogeneity: Tau² = 0.00; Chi² = 0.22, df = 1 (P = 0.64); I² = 0%

Test for overall effect: Z = 0.64 (P = 0.52)

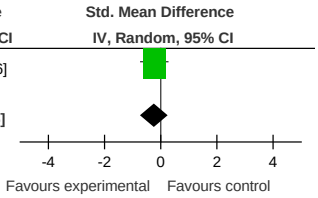


Depression Intermediate follow-up (mean depression symptoms at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NIKCEVIC2007	2.8	4.1	33	3.7	3.7	33	100.0%	-0.23 [-0.71, 0.26]
Total (95% CI)			**33**			**33**	**100.0%**	**-0.23 [-0.71, 0.26]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.92 (P = 0.36)

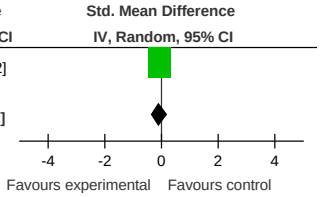


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SWANSON2009	13.04	9.598	84	13.86	11.591	86	100.0%	-0.08 [-0.38, 0.22]
Total (95% CI)			**84**			**86**	**100.0%**	**-0.08 [-0.38, 0.22]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.50 (P = 0.62)



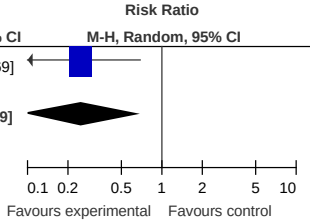
1.5.11 Depression: Post-traumatic birth counselling versus TAU

Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GAMBLE2005	4	50	17	53	100.0%	0.25 [0.09, 0.69]
Total (95% CI)		**50**		**53**	**100.0%**	**0.25 [0.09, 0.69]**
Total events	4		17			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.67 (P = 0.008)

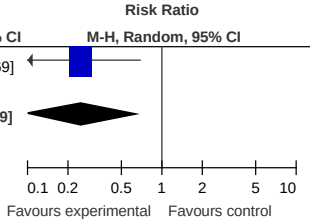


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GAMBLE2005	4	50	17	53	100.0%	0.25 [0.09, 0.69]
Total (95% CI)		**50**		**53**	**100.0%**	**0.25 [0.09, 0.69]**
Total events	4		17			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.67 (P = 0.008)



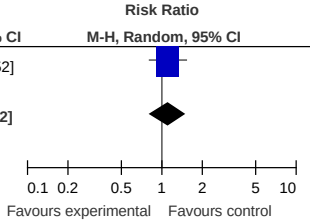
1.5.12 Depression: Social support versus TAU

Depression Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	66	349	60	352	100.0%	1.11 [0.81, 1.52]
Total (95% CI)		**349**		**352**	**100.0%**	**1.11 [0.81, 1.52]**
Total events	66		60			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.64 (P = 0.52)

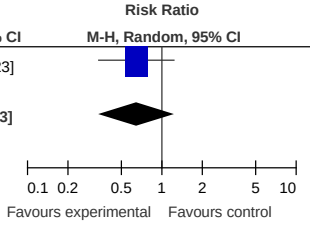


Depression Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	14	297	23	315	100.0%	0.65 [0.34, 1.23]
Total (95% CI)		**297**		**315**	**100.0%**	**0.65 [0.34, 1.23]**
Total events	14		23			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.33 (P = 0.18)

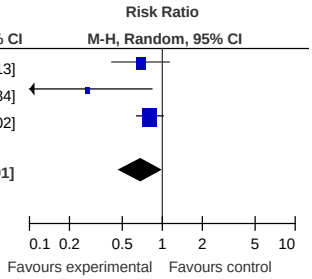


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
CHEN2000	14	34	18	30	32.7%	0.69 [0.42, 1.13]
DENNIS2003	3	20	12	22	10.3%	0.28 [0.09, 0.84]
DENNIS2009/2010	92	349	115	352	57.1%	0.81 [0.64, 1.02]
Total (95% CI)		**403**		**404**	**100.0%**	**0.69 [0.47, 1.01]**
Total events	109		145			

Heterogeneity: Tau² = 0.05; Chi² = 3.64, df = 2 (P = 0.16); I² = 45%

Test for overall effect: Z = 1.93 (P = 0.05)

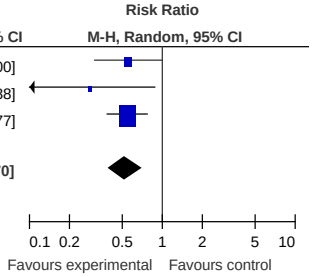


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
CHEN2000	10	30	18	30	24.3%	0.56 [0.31, 1.00]
DENNIS2003	3	20	11	21	6.6%	0.29 [0.09, 0.88]
DENNIS2009/2010	40	297	78	315	69.1%	0.54 [0.38, 0.77]
Total (95% CI)		**347**		**366**	**100.0%**	**0.52 [0.39, 0.70]**
Total events	53		107			

Heterogeneity: Tau² = 0.00; Chi² = 1.20, df = 2 (P = 0.55); I² = 0%

Test for overall effect: Z = 4.40 (P < 0.0001)

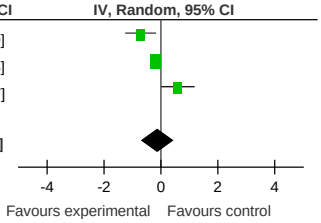


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
CHEN2000	-6.6	5.89	30	-1.4	8.33	30	30.6%	-0.71 [-1.23, -0.19]
DENNIS2009/2010	7.93	4.68	297	8.89	5.24	315	40.1%	-0.19 [-0.35, -0.03]
LETOURNEAU2011	11.8	4.68	23	8.68	5.44	28	29.3%	0.60 [0.04, 1.17]
Total (95% CI)			**350**			**373**	**100.0%**	**-0.12 [-0.68, 0.45]**

Heterogeneity: Tau² = 0.20; Chi² = 11.34, df = 2 (P = 0.003); I² = 82%

Test for overall effect: Z = 0.41 (P = 0.68)

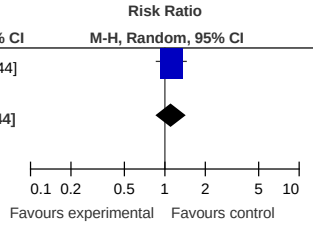


Depression Short Follow-up (symptomatology - above threshold at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	93	349	84	352	100.0%	1.12 [0.87, 1.44]
Total (95% CI)		**349**		**352**	**100.0%**	**1.12 [0.87, 1.44]**
Total events	93		84			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.85 (P = 0.40)

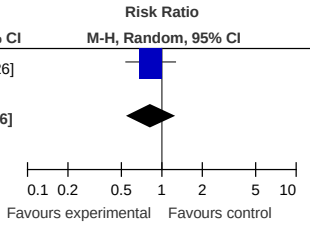


Depression Short Follow-up (symptomatology - above threshold at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	33	289	43	311	100.0%	0.83 [0.54, 1.26]
Total (95% CI)		**289**		**311**	**100.0%**	**0.83 [0.54, 1.26]**
Total events	33		43			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.88 (P = 0.38)

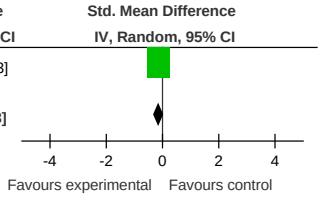


Depression Short Follow-up (mean depression symptoms or change score at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DENNIS2009/2010	7	4.66	289	7.61	4.59	311	100.0%	-0.13 [-0.29, 0.03]
Total (95% CI)			**289**			**311**	**100.0%**	**-0.13 [-0.29, 0.03]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.61 (P = 0.11)



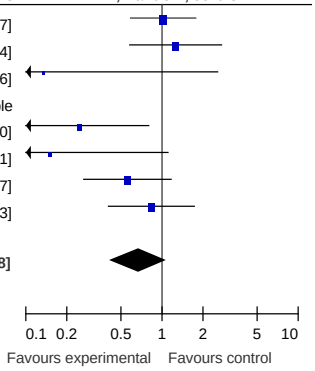
1.5.13 Depression: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU

Depression Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
AUSTIN2008	34	191	15	86	24.0%	1.02 [0.59, 1.77]
HAGAN2004	13	101	10	98	18.4%	1.26 [0.58, 2.74]
LE2011	0	112	3	105	2.5%	0.13 [0.01, 2.56]
MUNOZ2007/URIZAR2011	0	21	0	20		Not estimable
TANDON2011/2014/MENDELSON	3	32	11	29	11.4%	0.25 [0.08, 0.80]
ZLOTNICK2001	1	18	7	19	5.0%	0.15 [0.02, 1.11]
ZLOTNICK2006	9	53	14	46	19.2%	0.56 [0.27, 1.17]
ZLOTNICK2011	9	28	10	26	19.5%	0.84 [0.40, 1.73]
Total (95% CI)		**556**		**429**	**100.0%**	**0.67 [0.41, 1.08]**
Total events	69		70			

Heterogeneity: Tau² = 0.17; Chi² = 11.04, df = 6 (P = 0.09); I² = 46%

Test for overall effect: Z = 1.64 (P = 0.10)

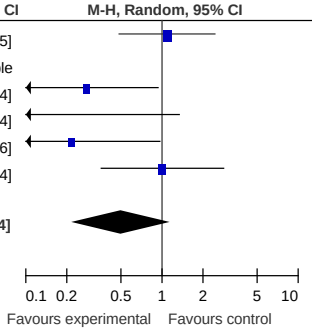


Depression Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HAGAN2004	11	99	10	98	29.0%	1.09 [0.48, 2.45]
MUNOZ2007/URIZAR2011	0	21	0	20		Not estimable
TANDON2011/2014/MENDELSON	3	32	9	27	21.7%	0.28 [0.08, 0.94]
ZLOTNICK2001	0	17	6	18	7.2%	0.08 [0.00, 1.34]
ZLOTNICK2006	2	46	8	40	17.5%	0.22 [0.05, 0.96]
ZLOTNICK2011	6	25	5	21	24.6%	1.01 [0.36, 2.84]
Total (95% CI)		**240**		**224**	**100.0%**	**0.50 [0.22, 1.14]**
Total events	22		38			

Heterogeneity: Tau² = 0.45; Chi² = 8.62, df = 4 (P = 0.07); I² = 54%

Test for overall effect: Z = 1.64 (P = 0.10)

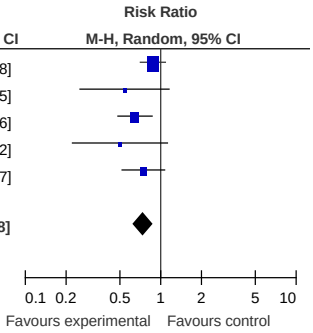


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ELMOHANDES2008	115	452	134	461	43.3%	0.88 [0.71, 1.08]
GAO2010/2012	9	96	17	98	5.0%	0.54 [0.25, 1.15]
KOZINSZKY2012	39	119	104	205	27.7%	0.65 [0.48, 0.86]
SILVERSTEIN2011	6	25	12	25	4.4%	0.50 [0.22, 1.12]
ZLOTNICK2001	12	18	17	19	19.5%	0.75 [0.52, 1.07]
Total (95% CI)		**710**		**808**	**100.0%**	**0.74 [0.62, 0.88]**
Total events	181		284			

Heterogeneity: Tau² = 0.01; Chi² = 4.71, df = 4 (P = 0.32); I² = 15%

Test for overall effect: Z = 3.36 (P = 0.0008)

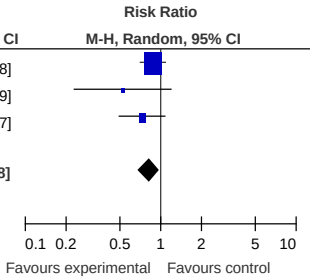


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ELMOHANDES2008	115	452	134	461	73.1%	0.88 [0.71, 1.08]
SILVERSTEIN2011	6	25	11	24	4.9%	0.52 [0.23, 1.19]
ZLOTNICK2001	11	17	16	18	22.0%	0.73 [0.49, 1.07]
Total (95% CI)		**494**		**503**	**100.0%**	**0.82 [0.68, 0.98]**
Total events	132		161			

Heterogeneity: Tau² = 0.00; Chi² = 1.92, df = 2 (P = 0.38); I² = 0%

Test for overall effect: Z = 2.14 (P = 0.03)

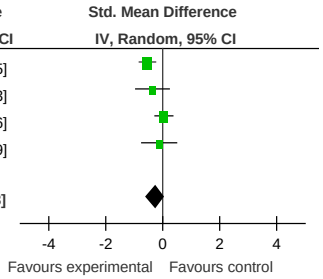


Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAO2010/2012	6.59	4.1	96	8.87	4.37	98	33.0%	-0.54 [-0.82, -0.25]
HONEY2002	14.87	5.97	23	16.95	5.44	22	18.2%	-0.36 [-0.95, 0.23]
LEUNG2012	8.04	5.44	78	7.81	5.11	78	31.4%	0.04 [-0.27, 0.36]
MUNOZ2007/URIZAR2011	15.09	12.31	21	16.43	8.5	20	17.3%	-0.12 [-0.74, 0.49]
Total (95% CI)			**218**			**218**	**100.0%**	**-0.25 [-0.58, 0.08]**

Heterogeneity: Tau² = 0.06; Chi² = 7.44, df = 3 (P = 0.06); I² = 60%

Test for overall effect: Z = 1.49 (P = 0.13)

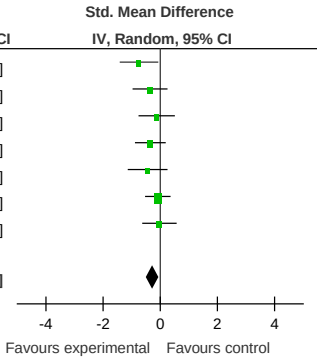


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BERNARD2011	7.6	6.3	21	13.7	9.7	18	10.5%	-0.74 [-1.40, -0.09]
HONEY2002	14.87	5.97	23	16.95	5.44	22	12.9%	-0.36 [-0.95, 0.23]
MUNOZ2007/URIZAR2011	15.09	12.31	21	16.43	8.5	20	11.9%	-0.12 [-0.74, 0.49]
TANDON2011/2014/MENDELSON	11.3	10.9	32	14.9	9.5	27	16.8%	-0.35 [-0.86, 0.17]
ZLOTNICK2001	8.4	7.8	17	11.3	4.8	18	9.9%	-0.44 [-1.11, 0.23]
ZLOTNICK2006	9.39	7.42	46	10.1	9.41	40	24.9%	-0.08 [-0.51, 0.34]
ZLOTNICK2011	2.05	1.12	25	2.08	1.08	21	13.3%	-0.03 [-0.61, 0.55]
Total (95% CI)			**185**			**166**	**100.0%**	**-0.26 [-0.48, -0.05]**

Heterogeneity: Tau² = 0.00; Chi² = 4.06, df = 6 (P = 0.67); I² = 0%

Test for overall effect: Z = 2.45 (P = 0.01)

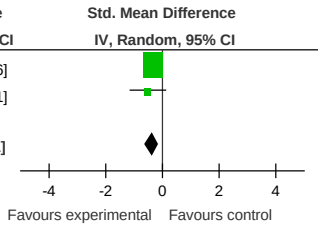


Depression Short Follow-up (mean depression symptoms at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAO2010/2012	5.61	3.33	96	6.87	3.97	98	82.9%	-0.34 [-0.63, -0.06]
MUNOZ2007/URIZAR2011	6.5	4.78	21	9	4.83	20	17.1%	-0.51 [-1.13, 0.11]
Total (95% CI)			**117**			**118**	**100.0%**	**-0.37 [-0.63, -0.11]**

Heterogeneity: Tau² = 0.00; Chi² = 0.23, df = 1 (P = 0.63); I² = 0%

Test for overall effect: Z = 2.82 (P = 0.005)

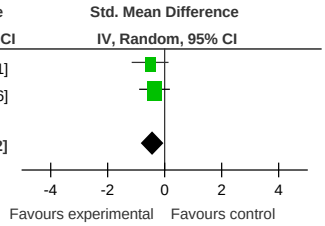


Depression Short Follow-up (mean depression symptoms or change score at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MUNOZ2007/URIZAR2011	6.5	4.78	21	9	4.83	20	40.7%	-0.51 [-1.13, 0.11]
TANDON2011/2014/MENDELSON	8.5	9.9	32	12.2	10.7	27	59.3%	-0.36 [-0.87, 0.16]
Total (95% CI)			**53**			**47**	**100.0%**	**-0.42 [-0.82, -0.02]**

Heterogeneity: Tau² = 0.00; Chi² = 0.14, df = 1 (P = 0.71); I² = 0%

Test for overall effect: Z = 2.06 (P = 0.04)

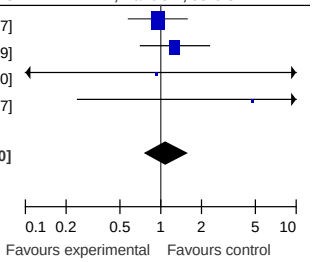


Depression Intermediate Follow-up (diagnosis at 17-24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
AUSTIN2008	38	191	18	86	56.1%	0.95 [0.58, 1.57]
HAGAN2004	21	101	16	98	40.5%	1.27 [0.71, 2.29]
LE2011	1	112	1	105	1.8%	0.94 [0.06, 14.80]
MUNOZ2007/URIZAR2011	2	21	0	20	1.6%	4.77 [0.24, 93.67]
Total (95% CI)		**425**		**309**	**100.0%**	**1.10 [0.75, 1.60]**
Total events	62		35			

Heterogeneity: Tau² = 0.00; Chi² = 1.52, df = 3 (P = 0.68); I² = 0%

Test for overall effect: Z = 0.49 (P = 0.63)

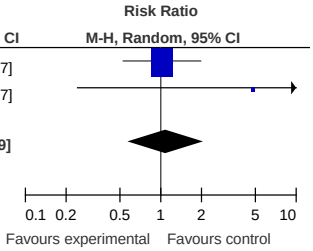


Depression Intermediate Follow-up (diagnosis at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HAGAN2004	15	95	15	97	95.3%	1.02 [0.53, 1.97]
MUNOZ2007/URIZAR2011	2	21	0	20	4.7%	4.77 [0.24, 93.67]
Total (95% CI)		**116**		**117**	**100.0%**	**1.10 [0.58, 2.09]**
Total events	17		15			

Heterogeneity: Tau² = 0.00; Chi² = 1.00, df = 1 (P = 0.32); I² = 0%

Test for overall effect: Z = 0.28 (P = 0.78)

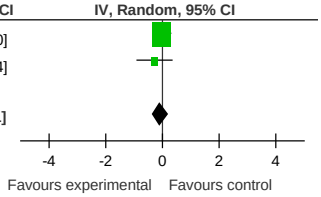


Depression Intermediate Follow-up (mean depression symptoms at 17-24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LEUNG2012	7.59	4.75	78	7.68	5.56	78	79.4%	-0.02 [-0.33, 0.30]
MUNOZ2007/URIZAR2011	7.67	5.34	21	9.16	5.24	20	20.6%	-0.28 [-0.89, 0.34]
Total (95% CI)			**99**			**98**	**100.0%**	**-0.07 [-0.35, 0.21]**

Heterogeneity: Tau² = 0.00; Chi² = 0.54, df = 1 (P = 0.46); I² = 0%

Test for overall effect: Z = 0.50 (P = 0.62)

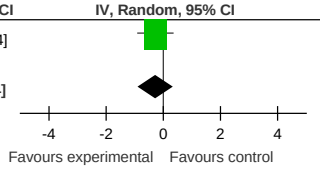


Depression Intermediate Follow-up (mean depression symptoms at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MUNOZ2007/URIZAR2011	7.67	5.34	21	9.16	5.24	20	100.0%	-0.28 [-0.89, 0.34]
Total (95% CI)			**21**			**20**	**100.0%**	**-0.28 [-0.89, 0.34]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.88 (P = 0.38)

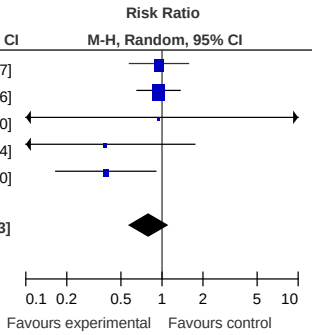


Depression Long Follow-up (diagnosis at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
AUSTIN2008	38	191	18	86	32.2%	0.95 [0.58, 1.57]
HAGAN2004	36	101	37	98	47.1%	0.94 [0.66, 1.36]
LE2011	1	112	1	105	1.5%	0.94 [0.06, 14.80]
MUNOZ2007/URIZAR2011	2	21	5	20	4.9%	0.38 [0.08, 1.74]
TANDON2011/2014/MENDELSON	6	41	14	37	14.2%	0.39 [0.17, 0.90]
Total (95% CI)		**466**		**346**	**100.0%**	**0.80 [0.56, 1.13]**
Total events	83		75			

Heterogeneity: Tau² = 0.03; Chi² = 4.94, df = 4 (P = 0.29); I² = 19%

Test for overall effect: Z = 1.29 (P = 0.20)

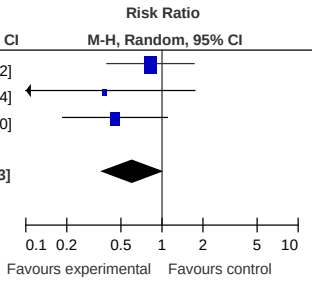


Depression Long Follow-up (diagnosis at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HAGAN2004	11	76	13	74	51.9%	0.82 [0.39, 1.72]
MUNOZ2007/URIZAR2011	2	21	5	20	12.2%	0.38 [0.08, 1.74]
TANDON2011/2014/MENDELSON	6	41	11	34	35.9%	0.45 [0.19, 1.10]
Total (95% CI)		**138**		**128**	**100.0%**	**0.60 [0.36, 1.03]**
Total events	19		29			

Heterogeneity: Tau² = 0.00; Chi² = 1.45, df = 2 (P = 0.49); I² = 0%

Test for overall effect: Z = 1.86 (P = 0.06)

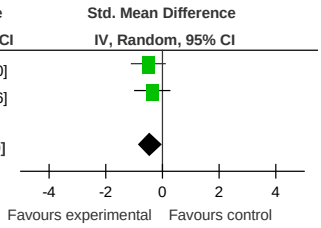


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HONEY2002	12.55	4.62	23	15.63	7.28	22	51.9%	-0.50 [-1.09, 0.10]
MUNOZ2007/URIZAR2011	7.36	3.84	21	9.07	5.47	20	48.1%	-0.36 [-0.97, 0.26]
Total (95% CI)			**44**			**42**	**100.0%**	**-0.43 [-0.86, -0.00]**

Heterogeneity: Tau² = 0.00; Chi² = 0.11, df = 1 (P = 0.74); I² = 0%

Test for overall effect: Z = 1.97 (P = 0.05)

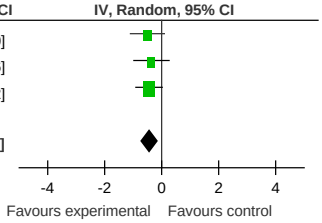


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HONEY2002	12.55	4.62	23	15.63	7.28	22	27.8%	-0.50 [-1.09, 0.10]
MUNOZ2007/URIZAR2011	7.36	3.84	21	9.07	5.47	20	25.8%	-0.36 [-0.97, 0.26]
TANDON2011/2014/MENDELSON	8.9	9.2	41	13.2	10.1	34	46.4%	-0.44 [-0.90, 0.02]
Total (95% CI)			**85**			**76**	**100.0%**	**-0.44 [-0.75, -0.12]**

Heterogeneity: Tau² = 0.00; Chi² = 0.11, df = 2 (P = 0.95); I² = 0%

Test for overall effect: Z = 2.72 (P = 0.006)



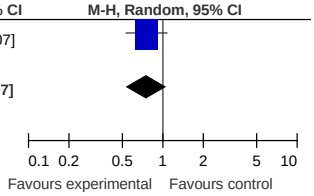
1.5.14 Depression: IPT-informed psychoeducation versus non-mental health-focused education and support

Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT Analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SPINELLI2003	14	21	15	17	100.0%	0.76 [0.53, 1.07]
Total (95% CI)		**21**		**17**	**100.0%**	**0.76 [0.53, 1.07]**
Total events	14		15			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.58 (P = 0.12)



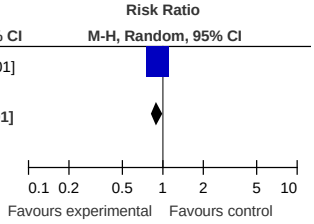
1.5.15 Depression: Non-mental health-focused education and support versus TAU

Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KAAYA2013	129	168	138	163	100.0%	0.91 [0.82, 1.01]
Total (95% CI)		**168**		**163**	**100.0%**	**0.91 [0.82, 1.01]**
Total events	129		138			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.81 (P = 0.07)

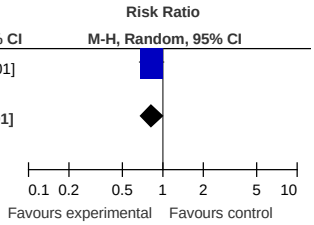


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KAAYA2013	58	97	66	91	100.0%	0.82 [0.67, 1.01]
Total (95% CI)		**97**		**91**	**100.0%**	**0.82 [0.67, 1.01]**
Total events	58		66			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.83 (P = 0.07)



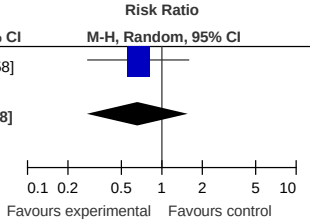
1.5.16 Depression: Home visits versus TAU/Enhanced TAU

Depression Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
TAMAKI2008	4	9	6	9	100.0%	0.67 [0.28, 1.58]
Total (95% CI)		**9**		**9**	**100.0%**	**0.67 [0.28, 1.58]**
Total events	4		6			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.92 (P = 0.36)

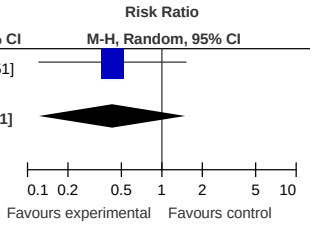


Depression Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
TAMAKI2008	2	7	6	9	100.0%	0.43 [0.12, 1.51]
Total (95% CI)		**7**		**9**	**100.0%**	**0.43 [0.12, 1.51]**
Total events	2		6			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.32 (P = 0.19)

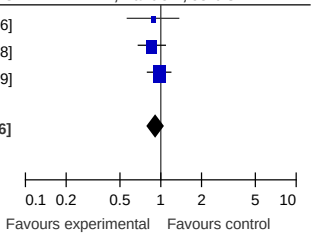


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARMSTRONG1999/2000/FRASER	26	90	30	91	10.6%	0.88 [0.57, 1.36]
DUGGAN2007/CALDERA2007	74	179	89	185	38.1%	0.86 [0.68, 1.08]
DUGRAVIER2013/GUEDENEY201	103	222	104	218	51.3%	0.97 [0.80, 1.19]
Total (95% CI)		**491**		**494**	**100.0%**	**0.92 [0.80, 1.06]**
Total events	203		223			

Heterogeneity: Tau² = 0.00; Chi² = 0.69, df = 2 (P = 0.71); I² = 0%

Test for overall effect: Z = 1.19 (P = 0.23)

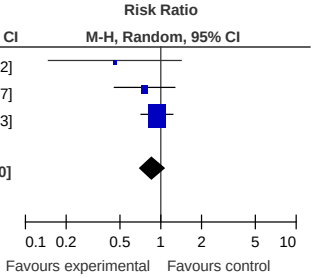


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARMSTRONG1999/2000/FRASER	4	68	9	70	4.3%	0.46 [0.15, 1.42]
DUGGAN2007/CALDERA2007	21	126	27	123	20.7%	0.76 [0.45, 1.27]
DUGRAVIER2013/GUEDENEY201	65	184	69	183	75.0%	0.94 [0.72, 1.23]
Total (95% CI)		**378**		**376**	**100.0%**	**0.87 [0.69, 1.10]**
Total events	90		105			

Heterogeneity: Tau² = 0.00; Chi² = 1.84, df = 2 (P = 0.40); I² = 0%

Test for overall effect: Z = 1.17 (P = 0.24)

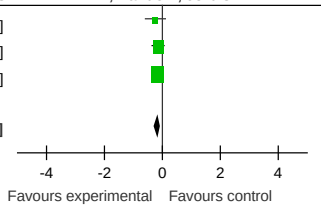


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ARMSTRONG1999/2000/FRASER	5.249846	3.962985	65	6.014848	2.147253	66	13.6%	-0.24 [-0.58, 0.10]
DUGRAVIER2013/GUEDENEY201	8.6	5.4	184	9.4	5.4	183	38.3%	-0.15 [-0.35, 0.06]
ROMAN2009	11.4	9.1	230	13.1	10.4	232	48.1%	-0.17 [-0.36, 0.01]
Total (95% CI)			**479**			**481**	**100.0%**	**-0.17 [-0.30, -0.05]**

Heterogeneity: Tau² = 0.00; Chi² = 0.20, df = 2 (P = 0.90); I² = 0%

Test for overall effect: Z = 2.67 (P = 0.008)



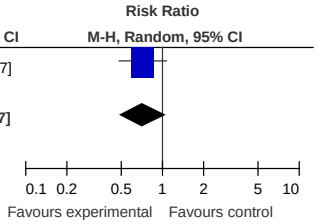
1.5.17 Depression: Mother-infant relationship interventions versus TAU/Enhanced TAU

Depression Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	19	43	32	52	100.0%	0.72 [0.48, 1.07]
Total (95% CI)		**43**		**52**	**100.0%**	**0.72 [0.48, 1.07]**
Total events	19		32			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.63 (P = 0.10)

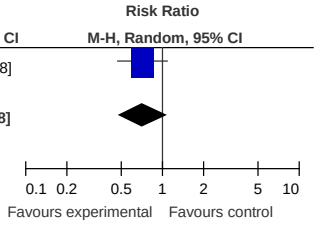


Depression Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	18	42	30	50	100.0%	0.71 [0.47, 1.08]
Total (95% CI)		**42**		**50**	**100.0%**	**0.71 [0.47, 1.08]**
Total events	18		30			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.58 (P = 0.11)

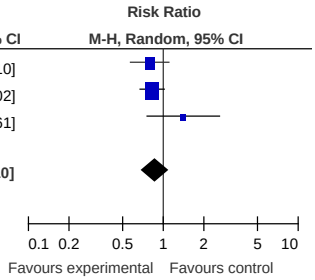


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	23	40	29	40	33.2%	0.79 [0.57, 1.10]
SLEED2013	57	96	71	99	54.4%	0.83 [0.67, 1.02]
ZELKOWITZ2008/2011/FEELEY	18	60	13	61	12.5%	1.41 [0.76, 2.61]
Total (95% CI)		**196**		**200**	**100.0%**	**0.87 [0.69, 1.10]**
Total events	98		113			

Heterogeneity: Tau² = 0.02; Chi² = 3.01, df = 2 (P = 0.22); I² = 33%

Test for overall effect: Z = 1.14 (P = 0.25)

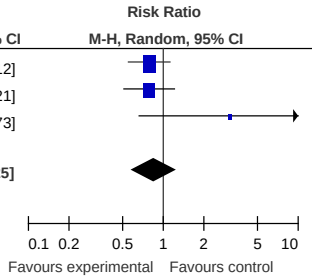


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	21	38	26	37	51.6%	0.79 [0.55, 1.12]
SLEED2013	23	62	25	53	42.6%	0.79 [0.51, 1.21]
ZELKOWITZ2008/2011/FEELEY	6	48	2	50	5.8%	3.13 [0.66, 14.73]
Total (95% CI)		**148**		**140**	**100.0%**	**0.85 [0.58, 1.25]**
Total events	50		53			

Heterogeneity: Tau² = 0.04; Chi² = 3.13, df = 2 (P = 0.21); I² = 36%

Test for overall effect: Z = 0.82 (P = 0.41)

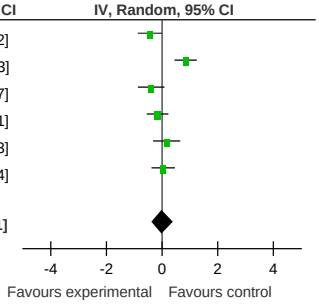


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	9.2	4.8	42	11.3	4.8	50	16.7%	-0.43 [-0.85, -0.02]
HOROWITZ2001	10.27	0.99	60	9.51	0.77	57	17.2%	0.85 [0.47, 1.23]
SALOMONSSON2011	6.28	4.11	38	7.99	4.55	37	16.0%	-0.39 [-0.85, 0.07]
SLEED2013	13.6	9.4	62	15.3	11.8	53	17.4%	-0.16 [-0.53, 0.21]
VANDOESUM2008/KERSTENALVA	18.9	11	35	17.2	9.3	36	15.9%	0.17 [-0.30, 0.63]
ZELKOWITZ2008/2011/FEELEY	5.2	4.9	46	5	4.6	50	16.9%	0.04 [-0.36, 0.44]
Total (95% CI)			**283**			**283**	**100.0%**	**0.02 [-0.38, 0.41]**

Heterogeneity: Tau² = 0.20; Chi² = 27.31, df = 5 (P < 0.0001); I² = 82%

Test for overall effect: Z = 0.08 (P = 0.93)

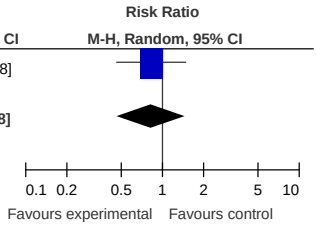


Depression Intermediate Follow-up (diagnosis at 17-24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	13	43	19	52	100.0%	0.83 [0.46, 1.48]
Total (95% CI)		**43**		**52**	**100.0%**	**0.83 [0.46, 1.48]**
Total events	13		19			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.64 (P = 0.52)

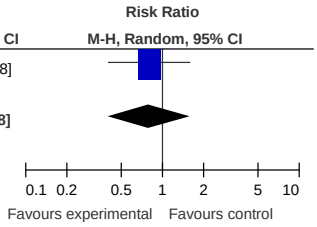


Depression Intermediate Follow-up (diagnosis at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	10	40	15	48	100.0%	0.80 [0.40, 1.58]
Total (95% CI)		**40**		**48**	**100.0%**	**0.80 [0.40, 1.58]**
Total events	10		15			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.64 (P = 0.52)

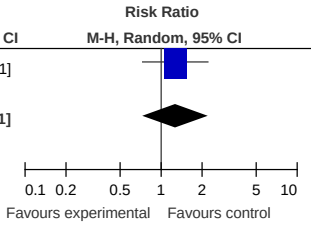


Depression Intermediate Follow-up (symptomatology - above threshold at 17-24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	20	60	16	61	100.0%	1.27 [0.73, 2.21]
Total (95% CI)		**60**		**61**	**100.0%**	**1.27 [0.73, 2.21]**
Total events	20		16			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.85 (P = 0.40)

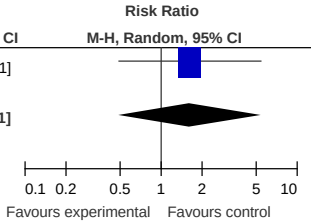


Depression Intermediate Follow-up (symptomatology - above threshold at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	6	46	4	50	100.0%	1.63 [0.49, 5.41]
Total (95% CI)		**46**		**50**	**100.0%**	**1.63 [0.49, 5.41]**
Total events	6		4			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.80 (P = 0.42)

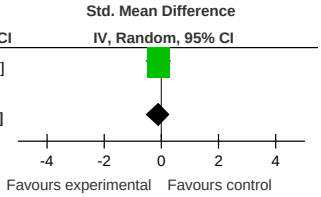


Depression Intermediate Follow-up (mean depression symptoms at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	8.6	5.9	40	9.2	5.4	48	100.0%	-0.11 [-0.53, 0.31]
Total (95% CI)			**40**			**48**	**100.0%**	**-0.11 [-0.53, 0.31]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.49 (P = 0.62)

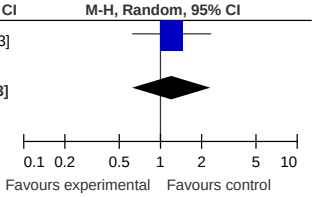


Depression Long Follow-up (diagnosis at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	13	43	13	52	100.0%	1.21 [0.63, 2.33]
Total (95% CI)		**43**		**52**	**100.0%**	**1.21 [0.63, 2.33]**
Total events	13		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.57 (P = 0.57)

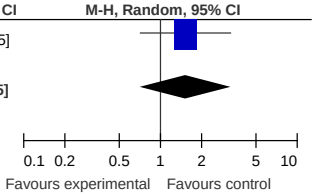


Depression Long Follow-up (diagnosis at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	12	42	9	48	100.0%	1.52 [0.71, 3.25]
Total (95% CI)		**42**		**48**	**100.0%**	**1.52 [0.71, 3.25]**
Total events	12		9			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.09 (P = 0.28)

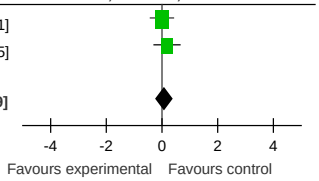


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	8.9	5.4	42	8.9	4.4	48	55.9%	0.00 [-0.41, 0.41]
VANDOESUM2008/KERSTENALVA	17.2	11.9	35	15.2	9.8	36	44.1%	0.18 [-0.28, 0.65]
Total (95% CI)			**77**			**84**	**100.0%**	**0.08 [-0.23, 0.39]**

Heterogeneity: Tau² = 0.00; Chi² = 0.33, df = 1 (P = 0.57); I² = 0%

Test for overall effect: Z = 0.51 (P = 0.61)

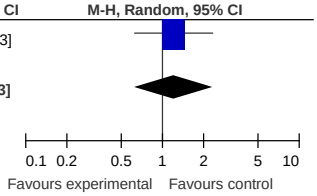


Depression Very long Follow-up (diagnosis at >104 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	13	43	13	52	100.0%	1.21 [0.63, 2.33]
Total (95% CI)		**43**		**52**	**100.0%**	**1.21 [0.63, 2.33]**
Total events	13		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.57 (P = 0.57)

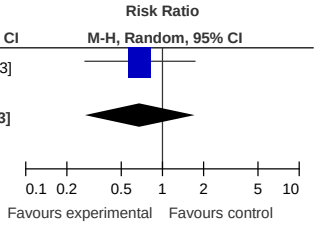


Depression Very long Follow-up (diagnosis at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	6	36	9	37	100.0%	0.69 [0.27, 1.73]
Total (95% CI)		**36**		**37**	**100.0%**	**0.69 [0.27, 1.73]**
Total events	6		9			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.80 (P = 0.42)

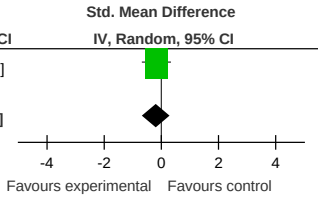


Depression Very long Follow-up (mean depression symptoms at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
COOPER2003/MURRAY2003	8.9	5.8	31	9.9	5.7	34	100.0%	-0.17 [-0.66, 0.32]
Total (95% CI)			**31**			**34**	**100.0%**	**-0.17 [-0.66, 0.32]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.69 (P = 0.49)



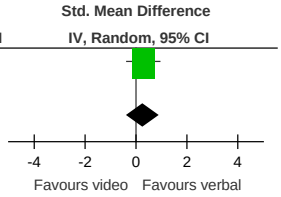
1.5.18 Depression: Mother-infant relationship intervention with video feedback versus mother-infant relationship intervention with verbal feedback

Depression Post-treatment (mean depression symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Video Mean	Video SD	Video Total	Verbal Mean	Verbal SD	Verbal Total	Weight	Std. Mean Difference IV, Random, 95% CI
BILSZTA2012	12.3	4.54	17	10.9	4.92	20	100.0%	0.29 [-0.36, 0.94]
Total (95% CI)			**17**			**20**	**100.0%**	**0.29 [-0.36, 0.94]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.87 (P = 0.38)



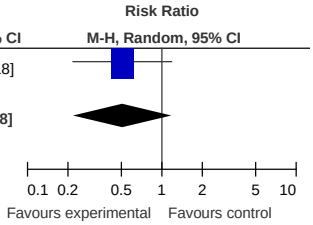
1.5.19 Depression: Co-parenting intervention versus Enhanced TAU

Depression Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MISRI2000	5	16	8	13	100.0%	0.51 [0.22, 1.18]
Total (95% CI)		**16**		**13**	**100.0%**	**0.51 [0.22, 1.18]**
Total events	5		8			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.57 (P = 0.12)

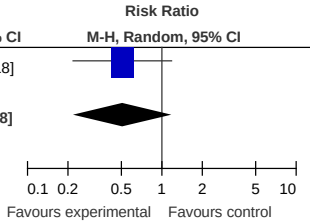


Depression Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MISRI2000	5	16	8	13	100.0%	0.51 [0.22, 1.18]
Total (95% CI)		**16**		**13**	**100.0%**	**0.51 [0.22, 1.18]**
Total events	5		8			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.57 (P = 0.12)

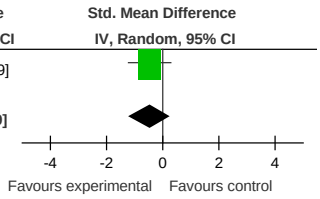


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MISRI2000	11.4	6.2	15	14.6	7.2	13	100.0%	-0.47 [-1.22, 0.29]
Total (95% CI)			**15**			**13**	**100.0%**	**-0.47 [-1.22, 0.29]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.21 (P = 0.23)



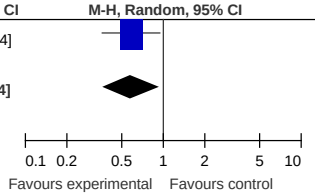
1.5.20 Depression: Infant sleep training (controlled crying) versus TAU/Enhanced TAU

Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HISCOCK2007/2008	22	143	34	129	100.0%	0.58 [0.36, 0.94]
Total (95% CI)		**143**		**129**	**100.0%**	**0.58 [0.36, 0.94]**
Total events	22		34			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.20 (P = 0.03)

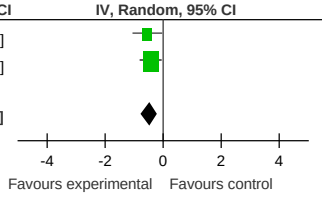


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HISCOCK2002	-6	4.935353	33	-3.7	3.243232	33	34.6%	-0.54 [-1.04, -0.05]
HISCOCK2007/2008	9.5	5.6	63	11.8	5	60	65.4%	-0.43 [-0.79, -0.07]
Total (95% CI)			**96**			**93**	**100.0%**	**-0.47 [-0.76, -0.18]**

Heterogeneity: Tau² = 0.00; Chi² = 0.14, df = 1 (P = 0.71); I² = 0%

Test for overall effect: Z = 3.18 (P = 0.001)

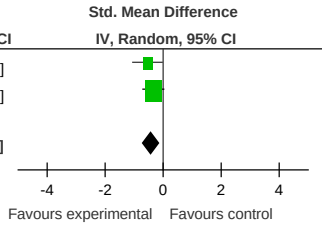


Depression Short Follow-up (mean depression symptoms or change score at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HISCOCK2002	-6.5	3.883081	32	-4.2	4.552684	30	33.2%	-0.54 [-1.05, -0.03]
HISCOCK2007/2008	8.9	4.8	64	10.5	4.6	58	66.8%	-0.34 [-0.70, 0.02]
Total (95% CI)			**96**			**88**	**100.0%**	**-0.40 [-0.70, -0.11]**

Heterogeneity: Tau² = 0.00; Chi² = 0.40, df = 1 (P = 0.53); I² = 0%

Test for overall effect: Z = 2.71 (P = 0.007)

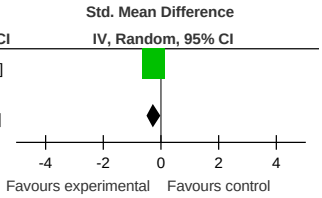


Depression Long Follow-up (mean depression symptoms at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HISCOCK2007/2008	5.5	4.23	143	6.72	5.17	129	100.0%	-0.26 [-0.50, -0.02]
Total (95% CI)			**143**			**129**	**100.0%**	**-0.26 [-0.50, -0.02]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.12 (P = 0.03)



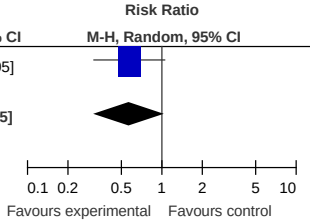
1.5.21 Depression: Music therapy during birth versus TAU

Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SIMAVLI2014	13	80	23	81	100.0%	0.57 [0.31, 1.05]
Total (95% CI)		**80**		**81**	**100.0%**	**0.57 [0.31, 1.05]**
Total events	13		23			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.81 (P = 0.07)

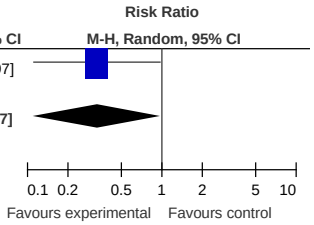


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SIMAVLI2014	4	71	12	70	100.0%	0.33 [0.11, 0.97]
Total (95% CI)		**71**		**70**	**100.0%**	**0.33 [0.11, 0.97]**
Total events	4		12			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.02 (P = 0.04)

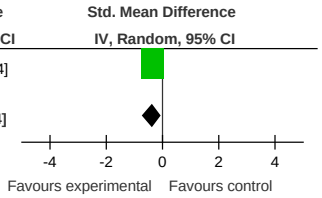


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SIMAVLI2014	7.31	2.35	71	8.27	2.76	70	100.0%	-0.37 [-0.71, -0.04]
Total (95% CI)			**71**			**70**	**100.0%**	**-0.37 [-0.71, -0.04]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.19 (P = 0.03)



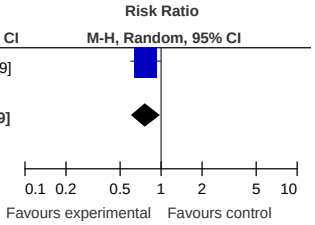
1.5.22 Depression: Psychosomatic intervention versus TAU

Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ORTIZCOLLADO2014	47	92	61	92	100.0%	0.77 [0.60, 0.99]
Total (95% CI)		**92**		**92**	**100.0%**	**0.77 [0.60, 0.99]**
Total events	47		61			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.07 (P = 0.04)

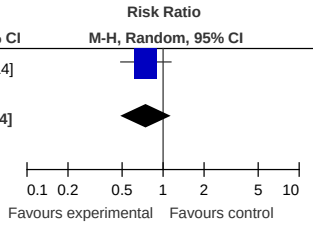


Depression Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ORTIZCOLLADO2014	24	69	27	58	100.0%	0.75 [0.49, 1.14]
Total (95% CI)		**69**		**58**	**100.0%**	**0.75 [0.49, 1.14]**
Total events	24		27			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.34 (P = 0.18)

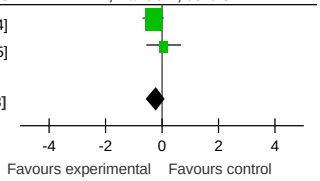


Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ORTIZCOLLADO2014	9.34	5.18	69	11.11	6.05	58	71.1%	-0.31 [-0.67, 0.04]
WEIDNER2010	5.48	4.64	21	5.22	3.93	23	28.9%	0.06 [-0.53, 0.65]
Total (95% CI)			**90**			**81**	**100.0%**	**-0.21 [-0.54, 0.13]**

Heterogeneity: Tau² = 0.01; Chi² = 1.14, df = 1 (P = 0.29); I² = 12%

Test for overall effect: Z = 1.22 (P = 0.22)



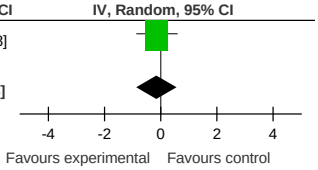
1.5.23 Depression: Mindfulness training versus Enhanced TAU

Depression Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VIETEN2008	16.2	7.3	13	17.2	7.4	18	100.0%	-0.13 [-0.85, 0.58]
Total (95% CI)			**13**			**18**	**100.0%**	**-0.13 [-0.85, 0.58]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.36 (P = 0.72)

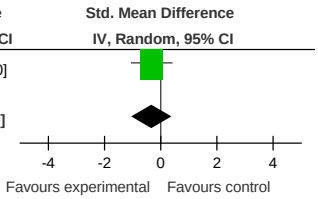


Negative affect Post-treatment (mean depression symptoms at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VIETEN2008	18.2	4.3	13	19.9	5.7	18	100.0%	-0.32 [-1.04, 0.40]
Total (95% CI)			**13**			**18**	**100.0%**	**-0.32 [-1.04, 0.40]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.87 (P = 0.38)



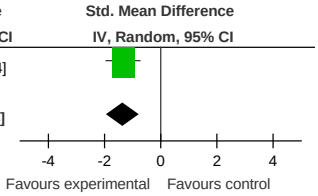
1.5.24 Anxiety: Structured psychological interventions versus TAU/Enhanced TAU

Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GROTE2009	3.6	5.3	25	11.8	6.6	28	100.0%	-1.34 [-1.94, -0.74]
Total (95% CI)			**25**			**28**	**100.0%**	**-1.34 [-1.94, -0.74]**

Heterogeneity: Not applicable

Test for overall effect: Z = 4.37 (P < 0.0001)

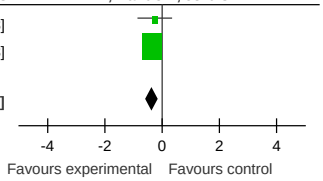


Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MILGROM2005	13.21	14	31	16.5	9.73	18	14.7%	-0.26 [-0.84, 0.33]
MORRELL2009A/2009B/2011	41	11.7	130	45.5	12.5	136	85.3%	-0.37 [-0.61, -0.13]
Total (95% CI)			**161**			**154**	**100.0%**	**-0.35 [-0.58, -0.13]**

Heterogeneity: Tau² = 0.00; Chi² = 0.12, df = 1 (P = 0.72); I² = 0%

Test for overall effect: Z = 3.09 (P = 0.002)

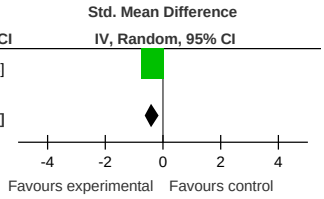


Trait anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	41.1	9.6	133	45	10.9	130	100.0%	-0.38 [-0.62, -0.13]
Total (95% CI)			**133**			**130**	**100.0%**	**-0.38 [-0.62, -0.13]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.04 (P = 0.002)



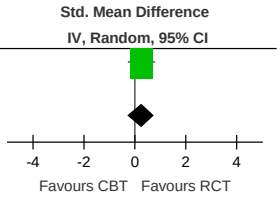
1.5.25 Anxiety: CBT versus Relational Constructivist Therapy

Anxiety Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	CBT Mean	CBT SD	CBT Total	RCT Mean	RCT SD	RCT Total	Weight	Std. Mean Difference IV, Random, 95% CI
PINHEIRO2014	12.8	12.49	32	9.65	11.15	28	100.0%	0.26 [-0.25, 0.77]
Total (95% CI)			**32**			**28**	**100.0%**	**0.26 [-0.25, 0.77]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.01 (P = 0.31)



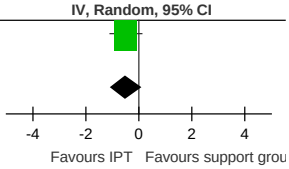
1.5.26 Anxiety: IPT versus support group

Anxiety Post-treatment (mean score at endpoint or first measurement) - Available case

Study or Subgroup	IPT Mean	IPT SD	IPT Total	Support group Mean	Support group SD	Support group Total	Weight	Std. Mean Difference IV, Random, 95% CI
FIELD2013C	38.7	11.3	22	43.2	6.2	22	100.0%	-0.48 [-1.09, 0.12]
Total (95% CI)			**22**			**22**	**100.0%**	**-0.48 [-1.09, 0.12]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.58 (P = 0.11)



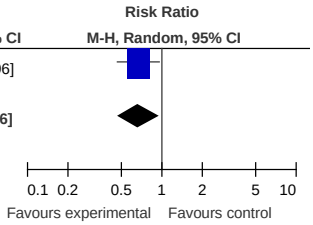
1.5.27 Anxiety: Facilitated self-help versus TAU

Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2011A	27	71	41	72	100.0%	0.67 [0.47, 0.96]
Total (95% CI)		**71**		**72**	**100.0%**	**0.67 [0.47, 0.96]**
Total events	27		41			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.21 (P = 0.03)

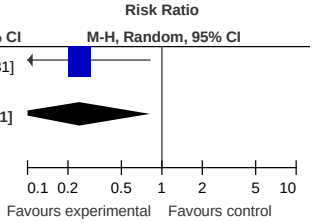


Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2011A	3	47	11	42	100.0%	0.24 [0.07, 0.81]
Total (95% CI)		**47**		**42**	**100.0%**	**0.24 [0.07, 0.81]**
Total events	3		11			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.29 (P = 0.02)

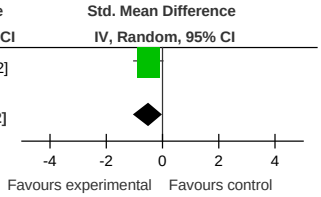


Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	8.71	4.61	31	11.29	5.49	28	100.0%	-0.50 [-1.02, 0.02]
Total (95% CI)			**31**			**28**	**100.0%**	**-0.50 [-1.02, 0.02]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.90 (P = 0.06)



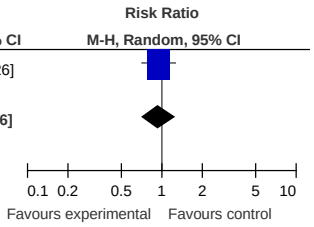
1.5.28 Anxiety: Post-miscarriage self-help versus TAU

Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2011	31	45	24	33	100.0%	0.95 [0.71, 1.26]
Total (95% CI)		**45**		**33**	**100.0%**	**0.95 [0.71, 1.26]**
Total events	31		24			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.37 (P = 0.71)

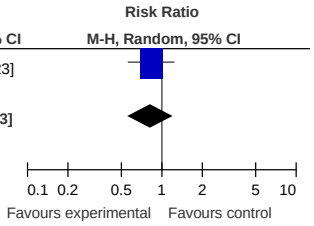


Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2011	19	33	18	26	100.0%	0.83 [0.56, 1.23]
Total (95% CI)		**33**		**26**	**100.0%**	**0.83 [0.56, 1.23]**
Total events	19		18			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.93 (P = 0.35)

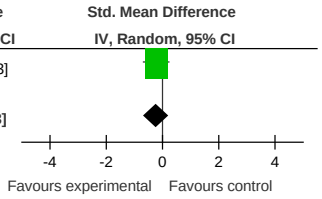


Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KERSTING2011	0.53	0.82	45	0.7	0.63	33	100.0%	-0.23 [-0.68, 0.23]
Total (95% CI)			**45**			**33**	**100.0%**	**-0.23 [-0.68, 0.23]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.98 (P = 0.33)



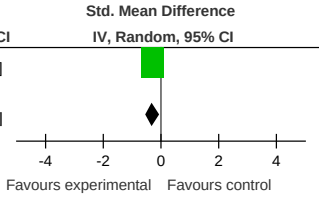
1.5.29 Anxiety: Listening visits versus TAU

Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	42	11.9	124	45.5	12.5	136	100.0%	-0.29 [-0.53, -0.04]
Total (95% CI)			**124**			**136**	**100.0%**	**-0.29 [-0.53, -0.04]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.29 (P = 0.02)

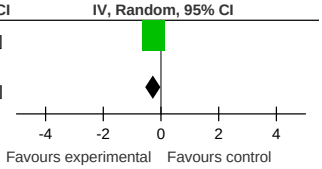


Trait anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	42.1	11.1	124	45	10.9	130	100.0%	-0.26 [-0.51, -0.02]
Total (95% CI)			**124**			**130**	**100.0%**	**-0.26 [-0.51, -0.02]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.09 (P = 0.04)



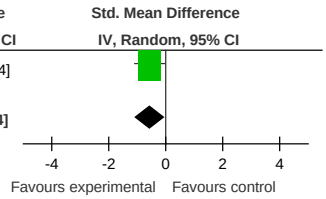
1.5.30 Anxiety: Directive counselling versus TAU

Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MILGROM2005	12.04306	7.337495	72	16.5	9.73	18	100.0%	-0.56 [-1.09, -0.04]
Total (95% CI)			**72**			**18**	**100.0%**	**-0.56 [-1.09, -0.04]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.11 (P = 0.04)



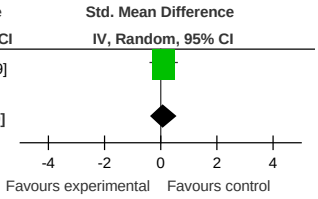
1.5.31 Anxiety: Post-miscarriage counselling versus Enhanced TAU

Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NIKCEVIC2007	7.2	5.2	33	6.7	4.1	33	100.0%	0.11 [-0.38, 0.59]
Total (95% CI)			**33**			**33**	**100.0%**	**0.11 [-0.38, 0.59]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.43 (P = 0.67)

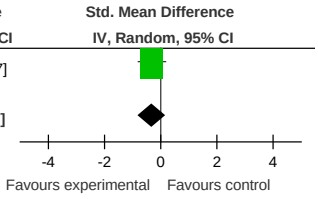


Anxiety Intermediate follow-up (mean anxiety symptoms at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NIKCEVIC2007	5.6	4.5	33	7	4.4	33	100.0%	-0.31 [-0.80, 0.17]
Total (95% CI)			**33**			**33**	**100.0%**	**-0.31 [-0.80, 0.17]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.25 (P = 0.21)



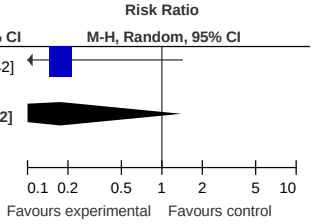
1.5.32 Anxiety: Post-traumatic birth counselling versus TAU

Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GAMBLE2005	1	50	6	53	100.0%	0.18 [0.02, 1.42]
Total (95% CI)		**50**		**53**	**100.0%**	**0.18 [0.02, 1.42]**
Total events	1		6			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.63 (P = 0.10)

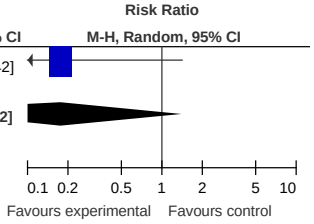


Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GAMBLE2005	1	50	6	53	100.0%	0.18 [0.02, 1.42]
Total (95% CI)		**50**		**53**	**100.0%**	**0.18 [0.02, 1.42]**
Total events	1		6			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.63 (P = 0.10)



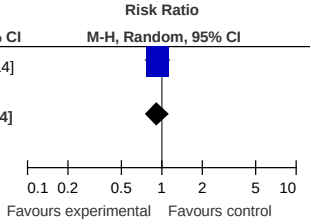
1.5.33 Anxiety: Social support versus TAU

Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	113	349	123	352	100.0%	0.93 [0.75, 1.14]
Total (95% CI)		**349**		**352**	**100.0%**	**0.93 [0.75, 1.14]**
Total events	113		123			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.72 (P = 0.47)

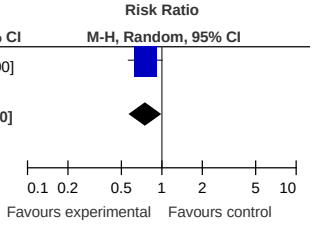


Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	61	297	86	315	100.0%	0.75 [0.56, 1.00]
Total (95% CI)		**297**		**315**	**100.0%**	**0.75 [0.56, 1.00]**
Total events	61		86			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.94 (P = 0.05)

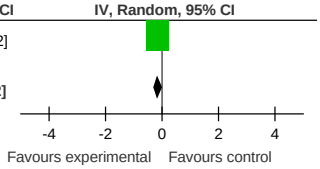


Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DENNIS2009/2010	35.1	11.85	297	36.88	12.84	315	100.0%	-0.14 [-0.30, 0.02]
Total (95% CI)			**297**			**315**	**100.0%**	**-0.14 [-0.30, 0.02]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.77 (P = 0.08)

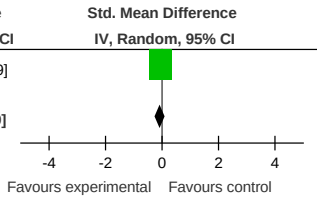


Anxiety Short follow-up (mean anxiety symptoms at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DENNIS2009/2010	33.63	11.01	289	34.4	12.07	311	100.0%	-0.07 [-0.23, 0.09]
Total (95% CI)			**289**			**311**	**100.0%**	**-0.07 [-0.23, 0.09]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.81 (P = 0.42)



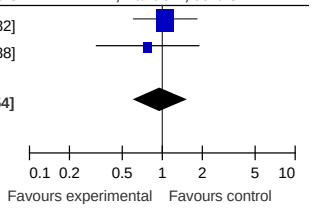
1.5.34 Anxiety: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU

Anxiety Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
AUSTIN2008	35	191	15	86	72.3%	1.05 [0.61, 1.82]
HAGAN2004	8	101	10	98	27.7%	0.78 [0.32, 1.88]
Total (95% CI)		**292**		**184**	**100.0%**	**0.97 [0.61, 1.54]**
Total events	43		25			

Heterogeneity: Tau² = 0.00; Chi² = 0.32, df = 1 (P = 0.57); I² = 0%

Test for overall effect: Z = 0.14 (P = 0.89)

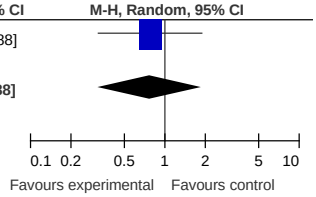


Anxiety Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HAGAN2004	8	101	10	98	100.0%	0.78 [0.32, 1.88]
Total (95% CI)		**101**		**98**	**100.0%**	**0.78 [0.32, 1.88]**
Total events	8		10			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.56 (P = 0.58)

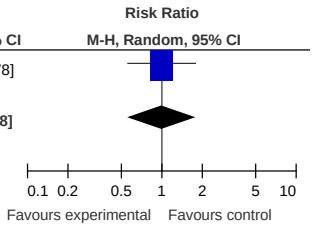


Anxiety Long Follow-up (diagnosis at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
AUSTIN2008	31	191	14	86	100.0%	1.00 [0.56, 1.78]
Total (95% CI)		**191**		**86**	**100.0%**	**1.00 [0.56, 1.78]**
Total events	31		14			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.01 (P = 0.99)



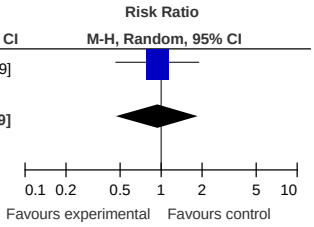
1.5.35 Anxiety: Mother-infant relationship interventions versus TAU/Enhanced TAU

Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	12	60	13	61	100.0%	0.94 [0.47, 1.89]
Total (95% CI)		**60**		**61**	**100.0%**	**0.94 [0.47, 1.89]**
Total events	12		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.18 (P = 0.86)

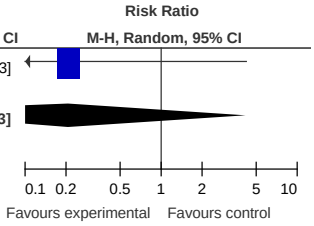


Anxiety Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	0	48	2	50	100.0%	0.21 [0.01, 4.23]
Total (95% CI)		**48**		**50**	**100.0%**	**0.21 [0.01, 4.23]**
Total events	0		2			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.02 (P = 0.31)

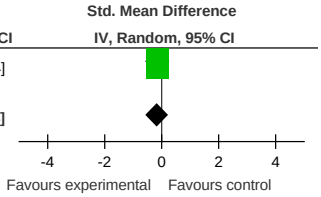


Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	26.6	6.8	48	27.8	8.2	50	100.0%	-0.16 [-0.55, 0.24]
Total (95% CI)			**48**			**50**	**100.0%**	**-0.16 [-0.55, 0.24]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.78 (P = 0.44)

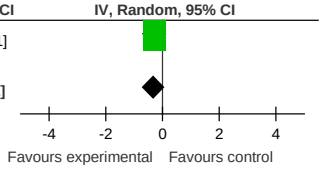


Anxiety Intermediate follow-up (mean anxiety symptoms at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	27.8	7.9	46	30.5	10	50	100.0%	-0.30 [-0.70, 0.11]
Total (95% CI)			**46**			**50**	**100.0%**	**-0.30 [-0.70, 0.11]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.44 (P = 0.15)



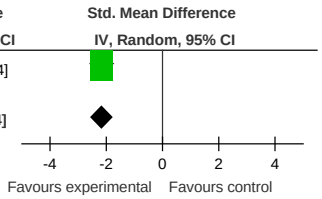
1.5.36 Anxiety: Music therapy during birth versus TAU

Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SIMAVLI2014	3.3	0.46	71	4.89	0.93	70	100.0%	-2.16 [-2.58, -1.74]
Total (95% CI)			**71**			**70**	**100.0%**	**-2.16 [-2.58, -1.74]**

Heterogeneity: Not applicable

Test for overall effect: Z = 10.14 (P < 0.00001)



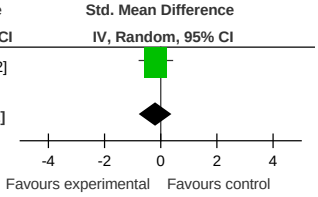
1.5.37 Anxiety: Psychosomatic intervention versus TAU

Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
WEIDNER2010	6.9	4.39	21	7.65	4.2	23	100.0%	-0.17 [-0.76, 0.42]
Total (95% CI)			**21**			**23**	**100.0%**	**-0.17 [-0.76, 0.42]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.57 (P = 0.57)



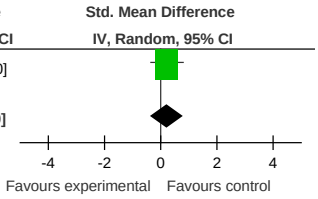
1.5.38 Anxiety: Mindfulness training versus Enhanced TAU

Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GUARDINO2014	39.47	6.27	24	37.35	11.51	23	100.0%	0.23 [-0.35, 0.80]
Total (95% CI)			**24**			**23**	**100.0%**	**0.23 [-0.35, 0.80]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.77 (P = 0.44)

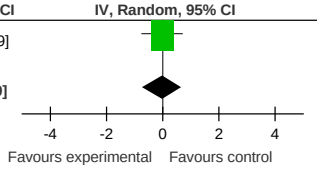


Anxiety Post-treatment (mean anxiety symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VIETEN2008	35.4	9.1	13	35.6	8.4	18	100.0%	-0.02 [-0.74, 0.69]
Total (95% CI)			**13**			**18**	**100.0%**	**-0.02 [-0.74, 0.69]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.06 (P = 0.95)



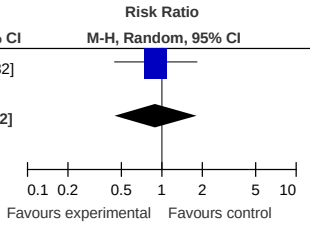
1.5.39 Adjustment disorder: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU

Adjustment disorders Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HAGAN2004	13	101	14	98	100.0%	0.90 [0.45, 1.82]
Total (95% CI)		**101**		**98**	**100.0%**	**0.90 [0.45, 1.82]**
Total events	13		14			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.29 (P = 0.77)

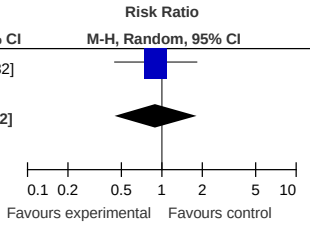


Adjustment disorders Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HAGAN2004	13	101	14	98	100.0%	0.90 [0.45, 1.82]
Total (95% CI)		**101**		**98**	**100.0%**	**0.90 [0.45, 1.82]**
Total events	13		14			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.29 (P = 0.77)



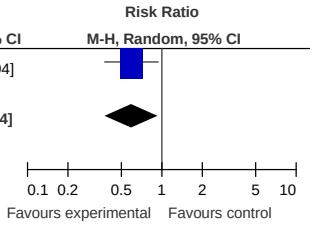
1.5.40 PTSD: Post-miscarriage self-help versus TAU

PTSD Post-treatment (symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2011	17	45	21	33	100.0%	0.59 [0.38, 0.94]
Total (95% CI)		**45**		**33**	**100.0%**	**0.59 [0.38, 0.94]**
Total events	17		21			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.25 (P = 0.02)

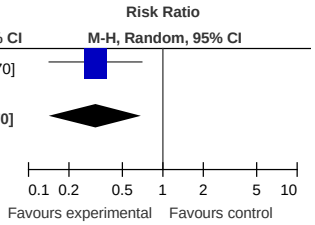


PTSD Post-treatment (symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2011	6	33	15	26	100.0%	0.32 [0.14, 0.70]
Total (95% CI)		**33**		**26**	**100.0%**	**0.32 [0.14, 0.70]**
Total events	6		15			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.85 (P = 0.004)

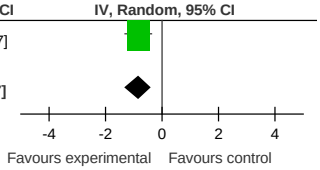


PTSD Post-treatment (mean score at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KERSTING2011	17.9	12.36	45	27.9	10.92	33	100.0%	-0.84 [-1.31, -0.37]
Total (95% CI)			**45**			**33**	**100.0%**	**-0.84 [-1.31, -0.37]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.51 (P = 0.0004)



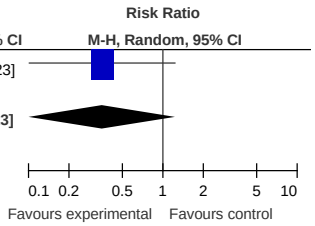
1.5.41 PTSD: Post-traumatic birth counselling versus TAU

PTSD Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GAMBLE2005	3	50	9	53	100.0%	0.35 [0.10, 1.23]
Total (95% CI)		**50**		**53**	**100.0%**	**0.35 [0.10, 1.23]**
Total events	3		9			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.63 (P = 0.10)

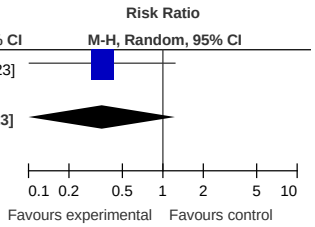


PTSD Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GAMBLE2005	3	50	9	53	100.0%	0.35 [0.10, 1.23]
Total (95% CI)		**50**		**53**	**100.0%**	**0.35 [0.10, 1.23]**
Total events	3		9			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.63 (P = 0.10)

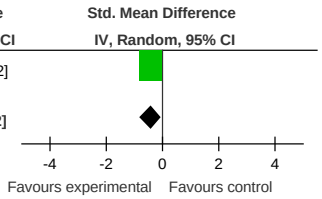


PTSD Post-treatment (mean score at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAMBLE2005	2.54	2.44	50	3.83	3.59	53	100.0%	-0.41 [-0.81, -0.02]
Total (95% CI)			**50**			**53**	**100.0%**	**-0.41 [-0.81, -0.02]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.08 (P = 0.04)

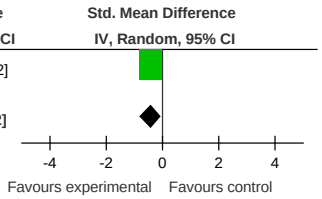


PTSD Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAMBLE2005	2.54	2.44	50	3.83	3.59	53	100.0%	-0.41 [-0.81, -0.02]
Total (95% CI)			**50**			**53**	**100.0%**	**-0.41 [-0.81, -0.02]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.08 (P = 0.04)



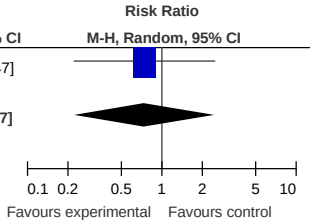
1.5.42 PTSD: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU

PTSD Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZLOTNICK2011	4	28	5	26	100.0%	0.74 [0.22, 2.47]
Total (95% CI)		**28**		**26**	**100.0%**	**0.74 [0.22, 2.47]**
Total events	4		5			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.48 (P = 0.63)

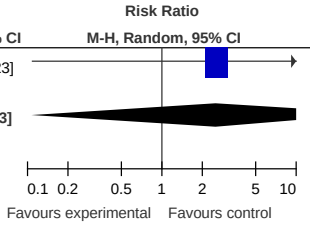


PTSD Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZLOTNICK2011	1	25	0	21	100.0%	2.54 [0.11, 59.23]
Total (95% CI)		**25**		**21**	**100.0%**	**2.54 [0.11, 59.23]**
Total events	1		0			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.58 (P = 0.56)

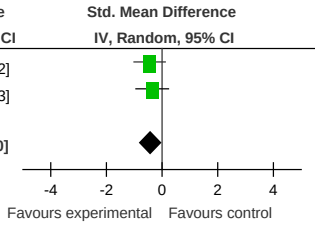


PTSD Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BERNARD2011	23.9	21.5	25	37.3	35.8	25	52.0%	-0.45 [-1.01, 0.12]
ZLOTNICK2011	1.3	0.52	25	1.52	0.71	21	48.0%	-0.35 [-0.94, 0.23]
Total (95% CI)			**50**			**46**	**100.0%**	**-0.40 [-0.81, 0.00]**

Heterogeneity: Tau² = 0.00; Chi² = 0.05, df = 1 (P = 0.82); I² = 0%

Test for overall effect: Z = 1.94 (P = 0.05)



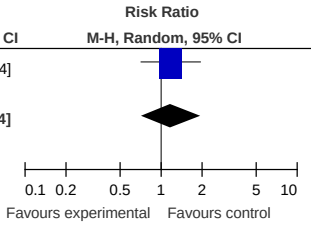
1.5.43 PTSD: Mother-infant relationship interventions versus TAU/Enhanced TAU

PTSD Post-treatment (symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	22	60	19	61	100.0%	1.18 [0.71, 1.94]
Total (95% CI)		**60**		**61**	**100.0%**	**1.18 [0.71, 1.94]**
Total events	22		19			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.64 (P = 0.52)

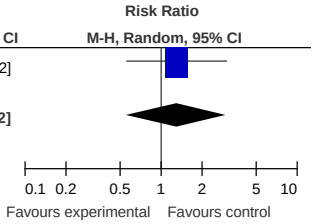


PTSD Post-treatment (symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	10	48	8	50	100.0%	1.30 [0.56, 3.02]
Total (95% CI)		**48**		**50**	**100.0%**	**1.30 [0.56, 3.02]**
Total events	10		8			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.62 (P = 0.54)

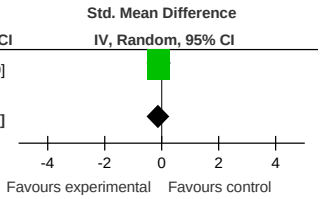


PTSD Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	2.9	2.9	48	3.2	2.8	50	100.0%	-0.10 [-0.50, 0.29]
Total (95% CI)			**48**			**50**	**100.0%**	**-0.10 [-0.50, 0.29]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.52 (P = 0.61)

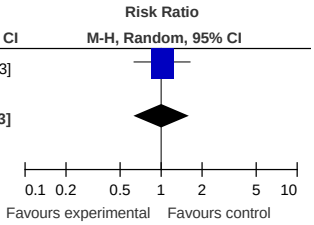


PTSD Intermediate follow-up (symptomatology at 17-24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	22	60	22	61	100.0%	1.02 [0.63, 1.63]
Total (95% CI)		**60**		**61**	**100.0%**	**1.02 [0.63, 1.63]**
Total events	22		22			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.07 (P = 0.95)

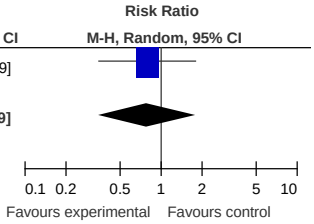


PTSD Intermediate follow-up (symptomatology at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	8	46	11	50	100.0%	0.79 [0.35, 1.79]
Total (95% CI)		**46**		**50**	**100.0%**	**0.79 [0.35, 1.79]**
Total events	8		11			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.56 (P = 0.57)

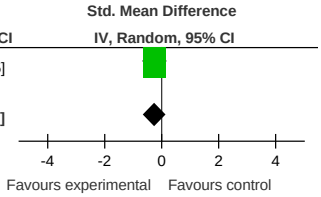


PTSD Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	2.4	2.9	46	3.2	3.3	50	100.0%	-0.25 [-0.66, 0.15]
Total (95% CI)			**46**			**50**	**100.0%**	**-0.25 [-0.66, 0.15]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.24 (P = 0.21)



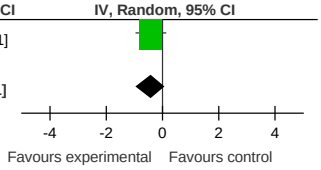
1.5.44 OCD: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU

OCD Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TIMPANO2011	7.27	4.87	33	9.68	6.74	25	100.0%	-0.41 [-0.94, 0.11]
Total (95% CI)			**33**			**25**	**100.0%**	**-0.41 [-0.94, 0.11]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.54 (P = 0.12)

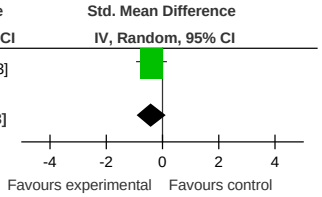


Obsessions Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TIMPANO2011	3.29	2.42	33	4.36	3.03	25	100.0%	-0.39 [-0.92, 0.13]
Total (95% CI)			**33**			**25**	**100.0%**	**-0.39 [-0.92, 0.13]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.46 (P = 0.14)

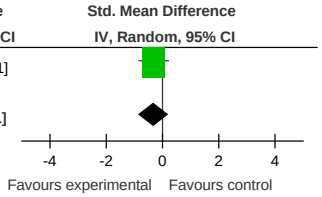


Compulsions Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TIMPANO2011	4.21	3.09	33	5.32	4.02	25	100.0%	-0.31 [-0.83, 0.21]
Total (95% CI)			**33**			**25**	**100.0%**	**-0.31 [-0.83, 0.21]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.17 (P = 0.24)

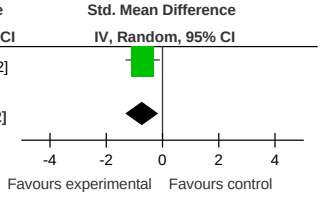


OCD Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TIMPANO2011	5.9	5	31	10.42	8.03	19	100.0%	-0.71 [-1.29, -0.12]
Total (95% CI)			**31**			**19**	**100.0%**	**-0.71 [-1.29, -0.12]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.35 (P = 0.02)

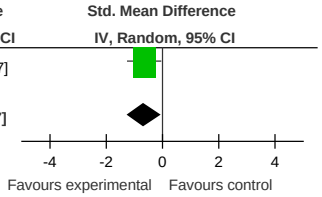


Obsessions Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TIMPANO2011	2.84	2.27	31	4.68	3.46	19	100.0%	-0.65 [-1.24, -0.07]
Total (95% CI)			**31**			**19**	**100.0%**	**-0.65 [-1.24, -0.07]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.18 (P = 0.03)

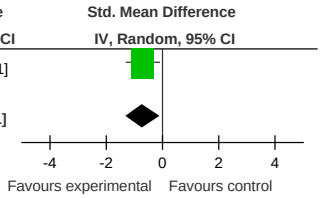


Compulsions Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TIMPANO2011	3.06	3.08	31	5.74	4.71	19	100.0%	-0.70 [-1.29, -0.11]
Total (95% CI)			**31**			**19**	**100.0%**	**-0.70 [-1.29, -0.11]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.33 (P = 0.02)

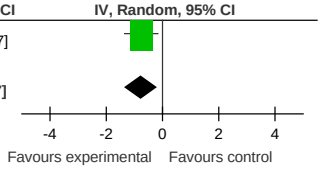


OCD Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TIMPANO2011	4.45	4.16	29	8.65	6.93	20	100.0%	-0.76 [-1.35, -0.17]
Total (95% CI)			**29**			**20**	**100.0%**	**-0.76 [-1.35, -0.17]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.51 (P = 0.01)

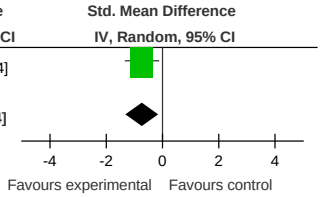


Obsessions Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TIMPANO2011	2.17	1.76	29	4	3.24	20	100.0%	-0.73 [-1.32, -0.14]
Total (95% CI)			**29**			**20**	**100.0%**	**-0.73 [-1.32, -0.14]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.43 (P = 0.02)

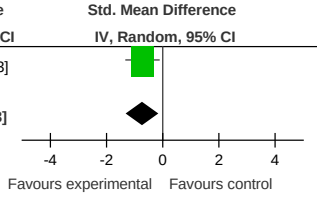


Compulsions Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
TIMPANO2011	2.34	2.64	29	4.65	3.8	20	100.0%	-0.72 [-1.31, -0.13]
Total (95% CI)			**29**			**20**	**100.0%**	**-0.72 [-1.31, -0.13]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.39 (P = 0.02)



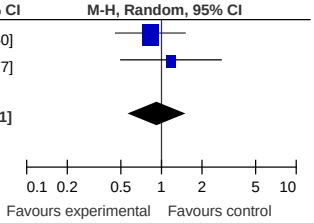
1.5.45 Fear of childbirth: Pre-delivery discussion/psychoeducation versus TAU

Elective caesarean Post-treatment (mode of delivery at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ROUHE2012/SALMELAARO2012	14	131	31	240	67.6%	0.83 [0.46, 1.50]
SAISTO2001	9	44	8	46	32.4%	1.18 [0.50, 2.77]
Total (95% CI)		**175**		**286**	**100.0%**	**0.93 [0.57, 1.51]**
Total events	23		39			

Heterogeneity: Tau² = 0.00; Chi² = 0.44, df = 1 (P = 0.51); I² = 0%

Test for overall effect: Z = 0.30 (P = 0.76)

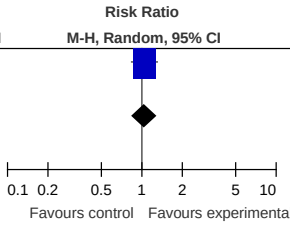


Choosing vaginal delivery Post-treatment (delivery preference at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SAISTO2001	35	44	35	46	100.0%	1.05 [0.84, 1.30]
Total (95% CI)		**44**		**46**	**100.0%**	**1.05 [0.84, 1.30]**
Total events	35		35			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.39 (P = 0.69)

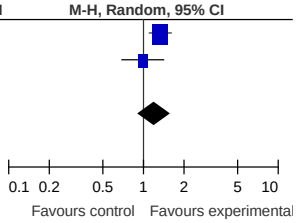


Vaginal delivery Post-treatment (mode of delivery at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ROUHE2012/SALMELAARO2012	83	131	114	240	63.4%	1.33 [1.11, 1.61]
SAISTO2001	25	44	27	47	36.6%	0.99 [0.69, 1.41]
Total (95% CI)		**175**		**287**	**100.0%**	**1.20 [0.90, 1.59]**
Total events	108		141			

Heterogeneity: Tau² = 0.02; Chi² = 2.13, df = 1 (P = 0.14); I² = 53%

Test for overall effect: Z = 1.24 (P = 0.21)

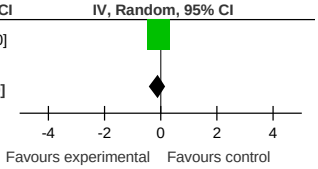


Fear of pain in labour Mid-treatment (mean score at mid-treatment [36 weeks gestation]) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SAISTO2001	4.4	1	85	4.5	1.1	91	100.0%	-0.09 [-0.39, 0.20]
Total (95% CI)			**85**			**91**	**100.0%**	**-0.09 [-0.39, 0.20]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.63 (P = 0.53)

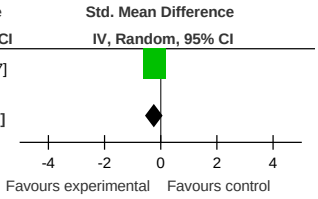


Fear of obstetrician's unfriendly behaviour Mid-treatment (mean score at mid-treatment [36 weeks gestation]) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SAISTO2001	2.6	1.2	85	2.9	1.4	91	100.0%	-0.23 [-0.53, 0.07]
Total (95% CI)			**85**			**91**	**100.0%**	**-0.23 [-0.53, 0.07]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.51 (P = 0.13)

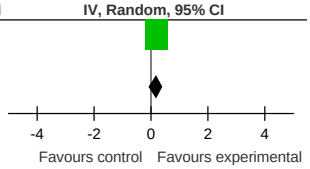


Preparedness for childbirth Mid-treatment (mean score at mid-treatment [36 weeks gestation]) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ROUHE2012/SALMELAARO2012	4.36	0.97	96	4.18	0.97	158	100.0%	0.19 [-0.07, 0.44]
Total (95% CI)			**96**			**158**	**100.0%**	**0.19 [-0.07, 0.44]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.43 (P = 0.15)

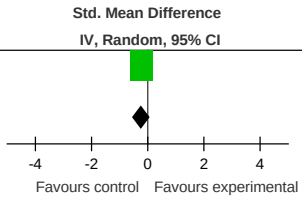


Satisfaction with childbirth Post-treatment (mean score at endpoint or first measurement) - ITT analysis

	Experimental			Control				Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI
SAISTO2001	3.7	1.4	85	4	1.3	91	100.0%	-0.22 [-0.52, 0.08]
Total (95% CI)			**85**			**91**	**100.0%**	**-0.22 [-0.52, 0.08]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.46 (P = 0.14)

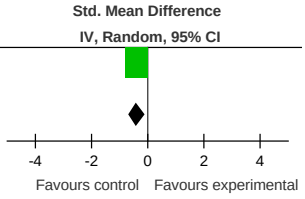


Feeling safe during childbirth Post-treatment (mean score at endpoint or first measurement) - ITT analysis

	Experimental			Control				Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI
SAISTO2001	3.9	1.2	85	4.3	0.8	91	100.0%	-0.39 [-0.69, -0.09]
Total (95% CI)			**85**			**91**	**100.0%**	**-0.39 [-0.69, -0.09]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.58 (P = 0.010)

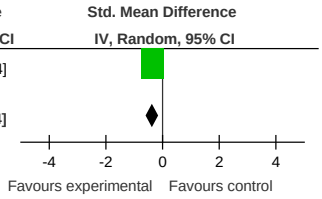


Experience of fear during childbirth Post-treatment (mean score at endpoint or first measurement) - ITT analysis

	Experimental			Control				Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI
ROUHE2012/SALMELAARO2012	63	32	131	73.7	29	240	100.0%	-0.35 [-0.57, -0.14]
Total (95% CI)			**131**			**240**	**100.0%**	**-0.35 [-0.57, -0.14]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.24 (P = 0.001)

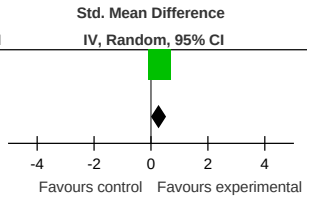


Maternal attitude to motherhood Post-treatment (mean score at endpoint or first measurement) - Available case analysis

	Experimental			Control				Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI
ROUHE2012/SALMELAARO2012	3.15	0.36	92	3.03	0.42	160	100.0%	0.30 [0.04, 0.56]
Total (95% CI)			**92**			**160**	**100.0%**	**0.30 [0.04, 0.56]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.28 (P = 0.02)



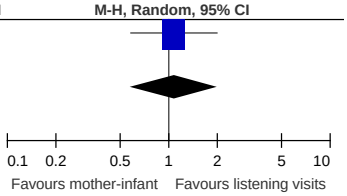
1.5.46 Eating disorder: Mother-infant relationship interventions (and guided self-help) versus listening visits (and guided self-help)

Eating disorder Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
STEIN2006	14	40	13	40	100.0%	1.08 [0.58, 1.99]
Total (95% CI)		**40**		**40**	**100.0%**	**1.08 [0.58, 1.99]**
Total events	14		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.24 (P = 0.81)

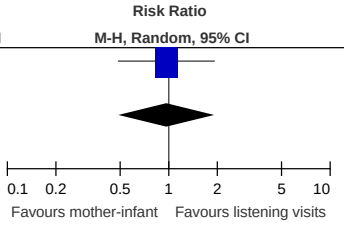


Eating disorder Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
STEIN2006	11	37	12	39	100.0%	0.97 [0.49, 1.91]
Total (95% CI)		**37**		**39**	**100.0%**	**0.97 [0.49, 1.91]**
Total events	11		12			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.10 (P = 0.92)



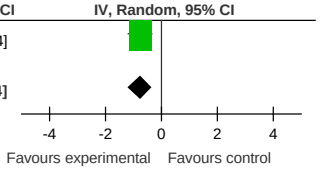
1.5.47 General mental health: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU

General mental health Post-treatment (mean mental health symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
AMMERMAN2013A/2013B	60.8	12.2	47	69.4	10	46	100.0%	-0.76 [-1.19, -0.34]
Total (95% CI)			**47**			**46**	**100.0%**	**-0.76 [-1.19, -0.34]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.55 (P = 0.0004)

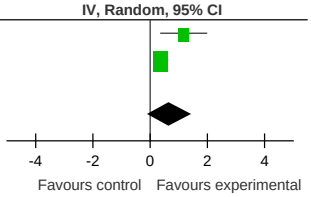


General mental health (higher better) Post-treatment (mean mental health symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BURNS2013/PEARSON2013	52.1	6.4	16	42.9	8.9	13	38.1%	1.17 [0.37, 1.98]
MORRELL2009A/2009B/2011	42	10.5	134	37.8	11.8	142	61.9%	0.37 [0.14, 0.61]
Total (95% CI)			**150**			**155**	**100.0%**	**0.68 [-0.08, 1.44]**

Heterogeneity: Tau² = 0.23; Chi² = 3.52, df = 1 (P = 0.06); I² = 72%

Test for overall effect: Z = 1.75 (P = 0.08)

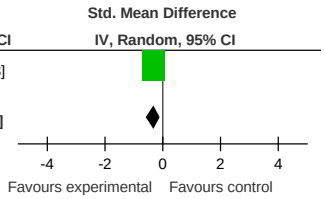


Risk of self-harm Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	0.1	0.2	138	0.2	0.4	145	100.0%	-0.31 [-0.55, -0.08]
Total (95% CI)			**138**			**145**	**100.0%**	**-0.31 [-0.55, -0.08]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.62 (P = 0.009)

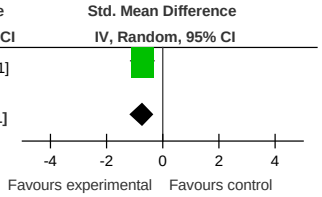


General mental health Short follow-up (mean mental health symptoms at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
AMMERMAN2013A/2013B	57.6	16.5	47	67.8	10.7	46	100.0%	-0.73 [-1.15, -0.31]
Total (95% CI)			**47**			**46**	**100.0%**	**-0.73 [-1.15, -0.31]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.39 (P = 0.0007)

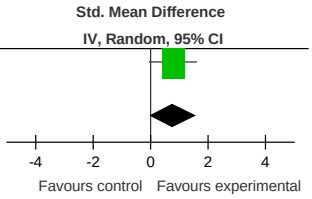


General mental health Intermediate follow-up (mean mental health symptoms at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BURNS2013/PEARSON2013	49.2	4.6	15	42.8	11	11	100.0%	0.78 [-0.03, 1.59]
Total (95% CI)			**15**			**11**	**100.0%**	**0.78 [-0.03, 1.59]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.89 (P = 0.06)



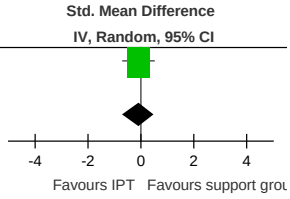
1.5.48 General mental health: IPT versus support group

Anger Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	IPT Mean	IPT SD	IPT Total	Support group Mean	Support group SD	Support group Total	Weight	Std. Mean Difference IV, Random, 95% CI
FIELD2013C	17.6	5.6	22	18.1	5.3	22	100.0%	-0.09 [-0.68, 0.50]
Total (95% CI)			**22**			**22**	**100.0%**	**-0.09 [-0.68, 0.50]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.30 (P = 0.77)



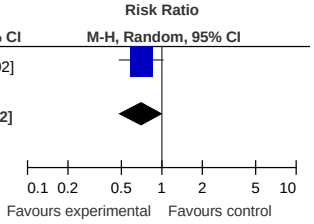
1.5.49 General mental health: Post-miscarriage self-help versus TAU

General mental health Post-treatment (treatment non-response/symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2011	22	45	23	33	100.0%	0.70 [0.48, 1.02]
Total (95% CI)		**45**		**33**	**100.0%**	**0.70 [0.48, 1.02]**
Total events	22		23			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.86 (P = 0.06)

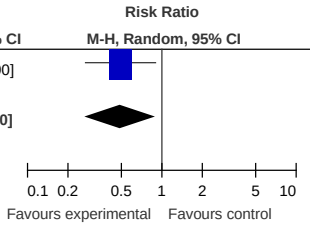


General mental health Post-treatment (treatment non-response/symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KERSTING2011	10	33	16	26	100.0%	0.49 [0.27, 0.90]
Total (95% CI)		**33**		**26**	**100.0%**	**0.49 [0.27, 0.90]**
Total events	10		16			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.31 (P = 0.02)

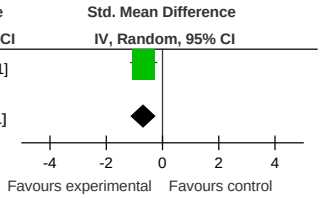


General mental health Post-treatment (mean mental health symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KERSTING2011	0.44	0.4	45	0.75	0.53	33	100.0%	-0.67 [-1.13, -0.21]
Total (95% CI)			**45**			**33**	**100.0%**	**-0.67 [-1.13, -0.21]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.84 (P = 0.005)



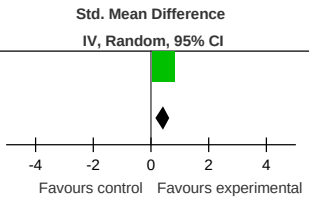
1.5.50 General mental health: Listening visits versus TAU

General mental health (higher better) Post-treatment (mean mental health symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	42.7	11.3	129	37.8	11.8	142	100.0%	0.42 [0.18, 0.66]
Total (95% CI)			**129**			**142**	**100.0%**	**0.42 [0.18, 0.66]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.44 (P = 0.0006)

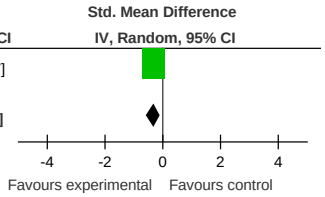


Risk of self-harm Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	0.1	0.2	131	0.2	0.4	145	100.0%	-0.31 [-0.55, -0.07]
Total (95% CI)			**131**			**145**	**100.0%**	**-0.31 [-0.55, -0.07]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.56 (P = 0.01)



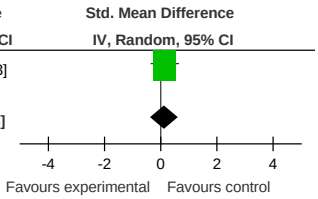
1.5.51 General mental health: Post-miscarriage counselling versus TAU

Self-blame Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NIKCEVIC2007	6	3.8	33	5.5	2.9	33	100.0%	0.15 [-0.34, 0.63]
Total (95% CI)			**33**			**33**	**100.0%**	**0.15 [-0.34, 0.63]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.59 (P = 0.55)

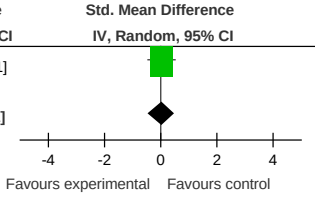


Self-blame Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NIKCEVIC2007	5.7	3.6	33	5.6	3.2	33	100.0%	0.03 [-0.45, 0.51]
Total (95% CI)			**33**			**33**	**100.0%**	**0.03 [-0.45, 0.51]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.12 (P = 0.91)



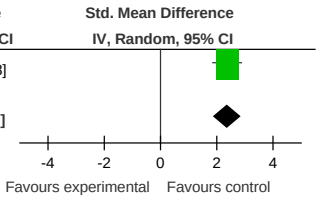
1.5.52 General mental health: Post-traumatic birth counselling versus TAU

Self-blame Post-treatment (feelings of self-blame at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAMBLE2005	4.96	0.2	50	3.6	0.77	53	100.0%	2.37 [1.86, 2.88]
Total (95% CI)			**50**			**53**	**100.0%**	**2.37 [1.86, 2.88]**

Heterogeneity: Not applicable

Test for overall effect: Z = 9.14 (P < 0.00001)

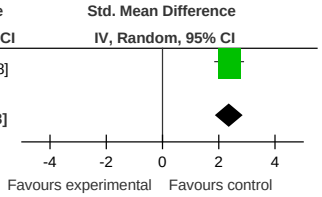


Self-blame Post-treatment (feelings of self-blame at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAMBLE2005	4.96	0.2	50	3.6	0.77	53	100.0%	2.37 [1.86, 2.88]
Total (95% CI)			**50**			**53**	**100.0%**	**2.37 [1.86, 2.88]**

Heterogeneity: Not applicable

Test for overall effect: Z = 9.14 (P < 0.00001)



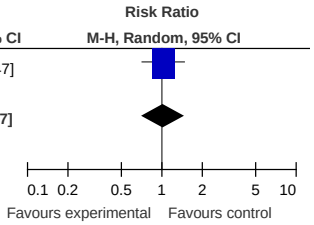
1.5.53 General mental health: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU

Any psychopathology Post-treatment (diagnosis at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HAGAN2004	38	101	36	98	100.0%	1.02 [0.71, 1.47]
Total (95% CI)		**101**		**98**	**100.0%**	**1.02 [0.71, 1.47]**
Total events	38		36			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.13 (P = 0.90)

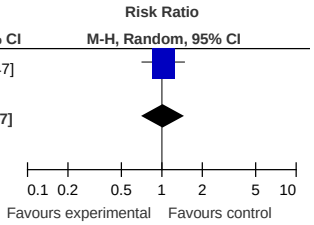


Any psychopathology Post-treatment (diagnosis at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HAGAN2004	38	101	36	98	100.0%	1.02 [0.71, 1.47]
Total (95% CI)		**101**		**98**	**100.0%**	**1.02 [0.71, 1.47]**
Total events	38		36			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.13 (P = 0.90)

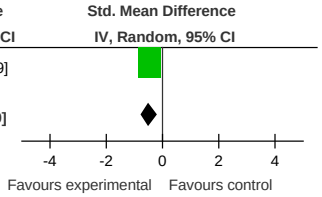


General mental health Post-treatment (mean mental health symptoms at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAO2010/2012	1.48	1.57	96	2.29	1.81	98	100.0%	-0.48 [-0.76, -0.19]
Total (95% CI)			**96**			**98**	**100.0%**	**-0.48 [-0.76, -0.19]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.27 (P = 0.001)

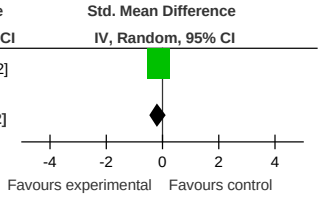


General mental health Short follow-up (mean mental health symptoms at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAO2010/2012	1.44	1.57	96	1.71	1.84	98	100.0%	-0.16 [-0.44, 0.12]
Total (95% CI)			**96**			**98**	**100.0%**	**-0.16 [-0.44, 0.12]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.09 (P = 0.27)



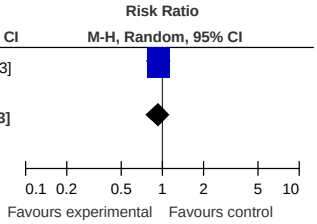
1.5.54 General mental health: Home visits versus TAU/Enhanced TAU

General mental health Post-treatment (treatment non-response/symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	91	179	101	185	100.0%	0.93 [0.77, 1.13]
Total (95% CI)		**179**		**185**	**100.0%**	**0.93 [0.77, 1.13]**
Total events	91		101			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.72 (P = 0.47)

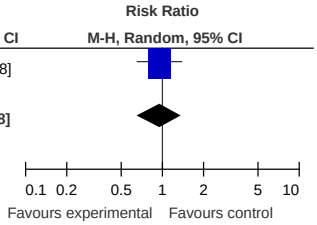


General mental health Post-treatment (treatment non-response/symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	38	126	39	123	100.0%	0.95 [0.66, 1.38]
Total (95% CI)		**126**		**123**	**100.0%**	**0.95 [0.66, 1.38]**
Total events	38		39			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.26 (P = 0.79)

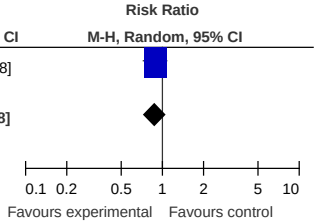


Alcohol or drug use Post-treatment (symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	88	179	103	185	100.0%	0.88 [0.73, 1.08]
Total (95% CI)		**179**		**185**	**100.0%**	**0.88 [0.73, 1.08]**
Total events	88		103			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.24 (P = 0.22)

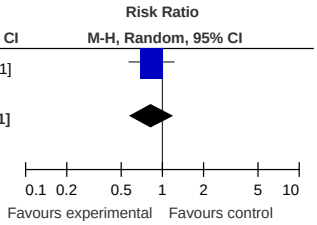


Alcohol or drug use Post-treatment (symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	35	126	41	123	100.0%	0.83 [0.57, 1.21]
Total (95% CI)		**126**		**123**	**100.0%**	**0.83 [0.57, 1.21]**
Total events	35		41			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.95 (P = 0.34)



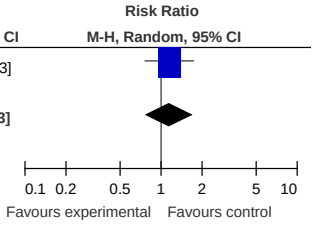
1.5.55 General mental health: Mother-infant relationship interventions versus TAU/Enhanced TAU

General mental health Post-treatment (treatment non-response/symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	23	40	20	40	100.0%	1.15 [0.76, 1.73]
Total (95% CI)		**40**		**40**	**100.0%**	**1.15 [0.76, 1.73]**
Total events	23		20			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.67 (P = 0.50)

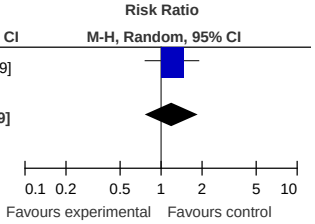


General mental health Post-treatment (treatment non-response/symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	21	38	17	37	100.0%	1.20 [0.77, 1.89]
Total (95% CI)		**38**		**37**	**100.0%**	**1.20 [0.77, 1.89]**
Total events	21		17			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.80 (P = 0.42)

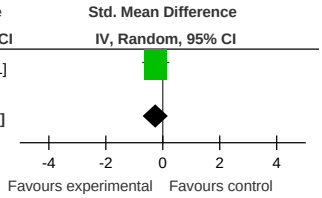


General mental health (lower better) Post-treatment (mean mental health symptoms at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SALOMONSSON2011	0.57	0.45	38	0.68	0.44	37	100.0%	-0.24 [-0.70, 0.21]
Total (95% CI)			**38**			**37**	**100.0%**	**-0.24 [-0.70, 0.21]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.05 (P = 0.29)



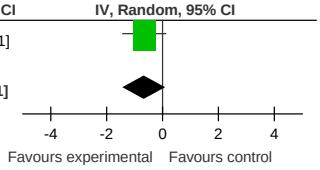
1.5.56 General mental health: Co-parenting intervention versus Enhanced TAU

Psychological distress Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MISRI2000	4.5	4.7	15	8.1	6	13	100.0%	-0.65 [-1.42, 0.11]
Total (95% CI)			**15**			**13**	**100.0%**	**-0.65 [-1.42, 0.11]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.68 (P = 0.09)



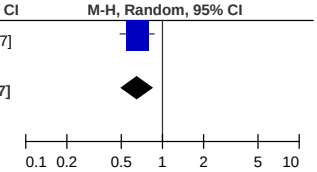
1.5.57 Mother-infant attachment: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU

Mother-infant attachment problems Post-treatment (number with adverse events measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	27	50	43	52	100.0%	0.65 [0.49, 0.87]
Total (95% CI)		**50**		**52**	**100.0%**	**0.65 [0.49, 0.87]**
Total events	27		43			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.94 (P = 0.003)

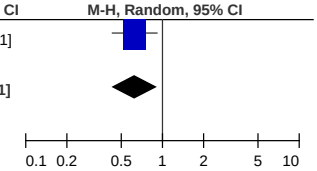


Mother-infant attachment problems Post-treatment (number with adverse events measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	20	43	26	35	100.0%	0.63 [0.43, 0.91]
Total (95% CI)		**43**		**35**	**100.0%**	**0.63 [0.43, 0.91]**
Total events	20		26			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.45 (P = 0.01)

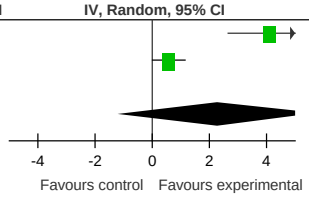


Mother-infant attachment Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BURNS2013/PEARSON2013	60.4	3	16	47.2	3.3	10	48.1%	4.10 [2.66, 5.55]
MULCAHY2010	97.18	5.35	23	92.28	10.14	27	51.9%	0.58 [0.01, 1.15]
Total (95% CI)			**39**			**37**	**100.0%**	**2.28 [-1.17, 5.73]**

Heterogeneity: Tau² = 5.89; Chi² = 19.74, df = 1 (P < 0.00001); I² = 95%

Test for overall effect: Z = 1.29 (P = 0.20)

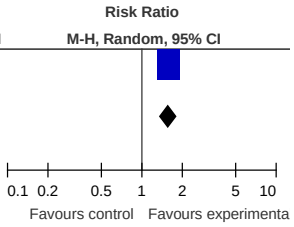


Mother-infant play frequency Post-treatment (mothers played with infant once or more every day measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	247	463	149	440	100.0%	1.58 [1.35, 1.84]
Total (95% CI)		**463**		**440**	**100.0%**	**1.58 [1.35, 1.84]**
Total events	247		149			

Heterogeneity: Not applicable

Test for overall effect: Z = 5.71 (P < 0.00001)

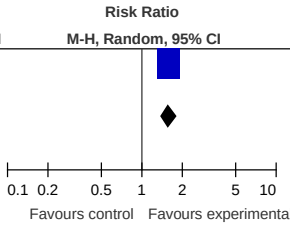


Mother-infant play frequency Post-treatment (mothers played with infant once or more every day measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	247	360	149	345	100.0%	1.59 [1.38, 1.83]
Total (95% CI)		**360**		**345**	**100.0%**	**1.59 [1.38, 1.83]**
Total events	247		149			

Heterogeneity: Not applicable

Test for overall effect: Z = 6.49 (P < 0.00001)

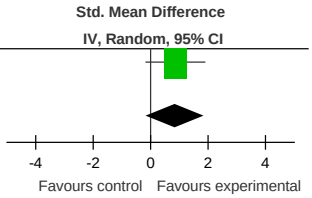


Maternal sensitivity Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BURNS2013/PEARSON2013	37.8	92	10	-43.1	84	7	100.0%	0.86 [-0.16, 1.88]
Total (95% CI)			**10**			**7**	**100.0%**	**0.86 [-0.16, 1.88]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.66 (P = 0.10)

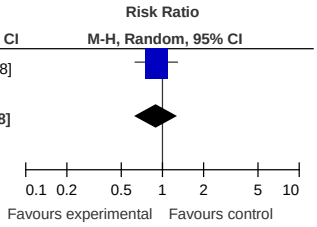


Mother-infant behaviour management problems Post-treatment (number with adverse events measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	26	50	30	52	100.0%	0.90 [0.63, 1.28]
Total (95% CI)		**50**		**52**	**100.0%**	**0.90 [0.63, 1.28]**
Total events	26		30			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.58 (P = 0.56)

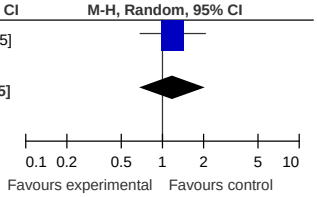


Mother-infant behaviour management problems Post-treatment (number with adverse events measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	19	43	13	35	100.0%	1.19 [0.69, 2.05]
Total (95% CI)		**43**		**35**	**100.0%**	**1.19 [0.69, 2.05]**
Total events	19		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.62 (P = 0.53)

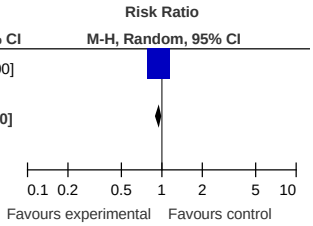


Discontinued (exclusive) breastfeeding <6 months Post-treatment (stopped breastfeeding before 6 months measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	400	463	400	440	100.0%	0.95 [0.91, 1.00]
Total (95% CI)		**463**		**440**	**100.0%**	**0.95 [0.91, 1.00]**
Total events	400		400			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.14 (P = 0.03)

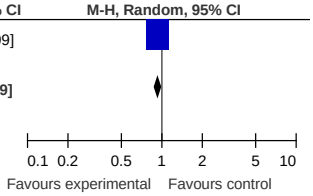


Discontinued (exclusive) breastfeeding <6 months Post-treatment (stopped breastfeeding before 6 months measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	305	368	319	359	100.0%	0.93 [0.88, 0.99]
Total (95% CI)		**368**		**359**	**100.0%**	**0.93 [0.88, 0.99]**
Total events	305		319			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.31 (P = 0.02)

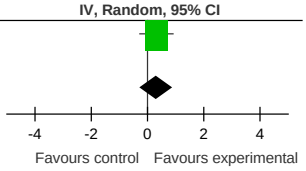


Mother-infant attachment Short follow-up (mean score at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MULCAHY2010	96.54	6.98	22	94.02	8.51	23	100.0%	0.32 [-0.27, 0.91]
Total (95% CI)			**22**			**23**	**100.0%**	**0.32 [-0.27, 0.91]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.06 (P = 0.29)

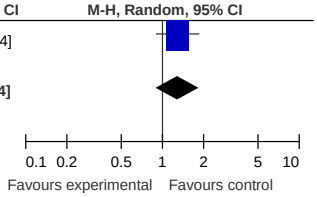


Mother-infant attachment problems Long follow-up (number with adverse events measured at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	31	50	25	52	100.0%	1.29 [0.90, 1.84]
Total (95% CI)		**50**		**52**	**100.0%**	**1.29 [0.90, 1.84]**
Total events	31		25			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.40 (P = 0.16)

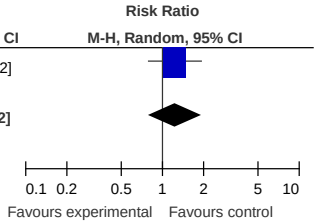


Mother-infant attachment problems Long follow-up (number with adverse events measured at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	21	40	20	47	100.0%	1.23 [0.79, 1.92]
Total (95% CI)		**40**		**47**	**100.0%**	**1.23 [0.79, 1.92]**
Total events	21		20			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.93 (P = 0.35)



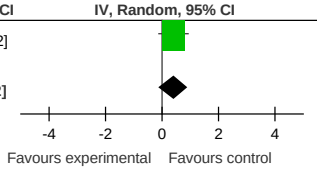
1.5.58 Mother-infant attachment: Facilitated self-help versus TAU

Maternal attitude towards motherhood Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	22.57	12.99	31	17.57	11.17	28	100.0%	0.41 [-0.11, 0.92]
Total (95% CI)			**31**			**28**	**100.0%**	**0.41 [-0.11, 0.92]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.54 (P = 0.12)



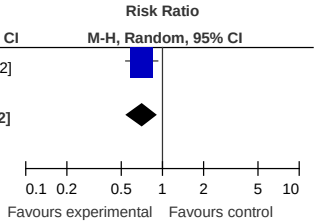
1.5.59 Mother-infant attachment: Listening visits versus TAU

Mother-infant attachment problems Post-treatment (number with adverse events measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	28	48	43	52	100.0%	0.71 [0.54, 0.92]
Total (95% CI)		**48**		**52**	**100.0%**	**0.71 [0.54, 0.92]**
Total events	28		43			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.54 (P = 0.01)

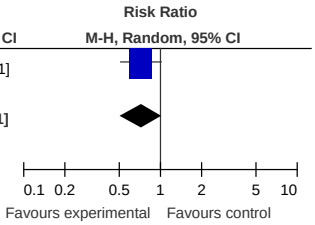


Mother-infant attachment problems Post-treatment (number with adverse events measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	23	43	26	35	100.0%	0.72 [0.51, 1.01]
Total (95% CI)		**43**		**35**	**100.0%**	**0.72 [0.51, 1.01]**
Total events	23		26			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.89 (P = 0.06)

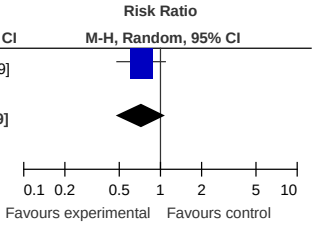


Mother-infant behaviour management problems Post-treatment (number with adverse events measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	20	48	30	52	100.0%	0.72 [0.48, 1.09]
Total (95% CI)		**48**		**52**	**100.0%**	**0.72 [0.48, 1.09]**
Total events	20		30			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.56 (P = 0.12)

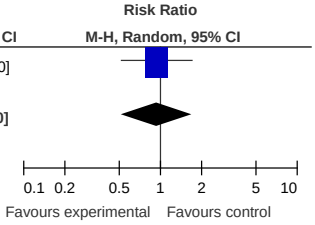


Mother-infant behaviour management problems Post-treatment (number with adverse events measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	15	43	13	35	100.0%	0.94 [0.52, 1.70]
Total (95% CI)		**43**		**35**	**100.0%**	**0.94 [0.52, 1.70]**
Total events	15		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.21 (P = 0.84)

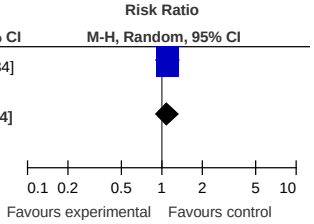


Discontinued (exclusive) breastfeeding <6 months Post-treatment (stopped breastfeeding before 6 months measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	77	183	210	548	100.0%	1.10 [0.90, 1.34]
Total (95% CI)		**183**		**548**	**100.0%**	**1.10 [0.90, 1.34]**
Total events	77		210			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.91 (P = 0.36)

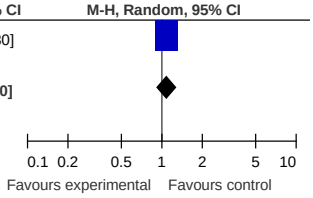


Discontinued (exclusive) breastfeeding <6 months Post-treatment (stopped breastfeeding before 6 months measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	77	140	210	417	100.0%	1.09 [0.91, 1.30]
Total (95% CI)		**140**		**417**	**100.0%**	**1.09 [0.91, 1.30]**
Total events	77		210			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.97 (P = 0.33)

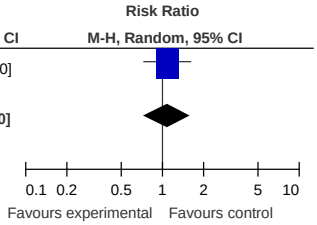


Mother-infant attachment problems Long follow-up (number with adverse events measured at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	25	48	25	52	100.0%	1.08 [0.73, 1.60]
Total (95% CI)		**48**		**52**	**100.0%**	**1.08 [0.73, 1.60]**
Total events	25		25			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.40 (P = 0.69)

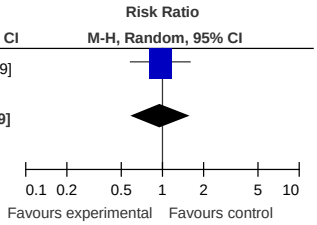


Mother-infant attachment problems Long follow-up (number with adverse events measured at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	16	39	20	47	100.0%	0.96 [0.58, 1.59]
Total (95% CI)		**39**		**47**	**100.0%**	**0.96 [0.58, 1.59]**
Total events	16		20			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.14 (P = 0.89)



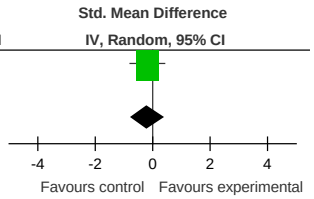
1.5.60 Mother-infant attachment: Social support versus TAU

Mother-infant feeding interaction Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LETOURNEAU2011	57.5	8.26	19	59	7.9	24	100.0%	-0.18 [-0.79, 0.42]
Total (95% CI)			**19**			**24**	**100.0%**	**-0.18 [-0.79, 0.42]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.59 (P = 0.55)

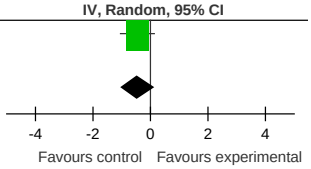


Mother-infant teaching interaction Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LETOURNEAU2011	50.4	8.13	21	53.6	5.76	25	100.0%	-0.45 [-1.04, 0.13]
Total (95% CI)			**21**			**25**	**100.0%**	**-0.45 [-1.04, 0.13]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.51 (P = 0.13)



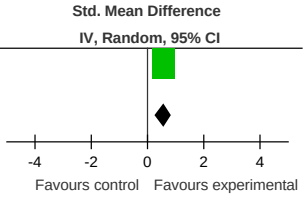
1.5.61 Mother-infant attachment: Psychologically (CBT/IPT)-informed psychoeducaiton versus Enhanced TAU

Maternal competence/confidence Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAO2010/2012	35.74	4.45	96	32.43	6.78	98	100.0%	0.57 [0.29, 0.86]
Total (95% CI)			**96**			**98**	**100.0%**	**0.57 [0.29, 0.86]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.91 (P < 0.0001)

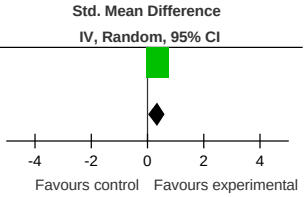


Maternal competence/confidence Short follow-up (mean score at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAO2010/2012	37	5.13	96	35.21	5.14	98	100.0%	0.35 [0.06, 0.63]
Total (95% CI)			**96**			**98**	**100.0%**	**0.35 [0.06, 0.63]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.40 (P = 0.02)



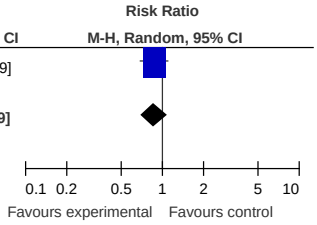
1.5.62 Mother-infant attachment: Home visits versus TAU/Enhanced TAU

Mother-infant attachment problems Post-treatment (number with adverse events measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	74	179	88	185	100.0%	0.87 [0.69, 1.09]
Total (95% CI)		**179**		**185**	**100.0%**	**0.87 [0.69, 1.09]**
Total events	74		88			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.19 (P = 0.23)

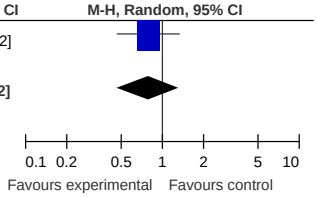


Mother-infant attachment problems Post-treatment (number with adverse events measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	21	126	26	123	100.0%	0.79 [0.47, 1.32]
Total (95% CI)		**126**		**123**	**100.0%**	**0.79 [0.47, 1.32]**
Total events	21		26			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.90 (P = 0.37)



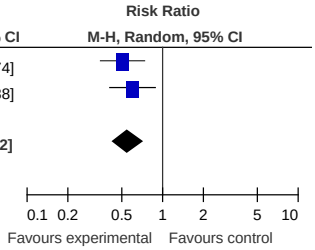
1.5.63 Mother-infant attachment: Mother-infant relationship interventions versus TAU/Enhanced TAU

Mother-infant attachment problems Post-treatment (number with adverse events measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	18	43	43	52	51.7%	0.51 [0.35, 0.74]
SALOMONSSON2011	18	40	30	40	48.3%	0.60 [0.41, 0.88]
Total (95% CI)		**83**		**92**	**100.0%**	**0.55 [0.42, 0.72]**
Total events	36		73			

Heterogeneity: Tau² = 0.00; Chi² = 0.39, df = 1 (P = 0.53); I² = 0%

Test for overall effect: Z = 4.37 (P < 0.0001)

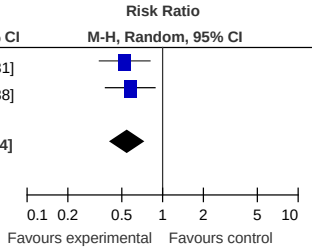


Mother-infant attachment problems Post-treatment (number with adverse events measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	16	41	26	35	49.0%	0.53 [0.34, 0.81]
SALOMONSSON2011	16	38	27	37	51.0%	0.58 [0.38, 0.88]
Total (95% CI)		**79**		**72**	**100.0%**	**0.55 [0.41, 0.74]**
Total events	32		53			

Heterogeneity: Tau² = 0.00; Chi² = 0.09, df = 1 (P = 0.76); I² = 0%

Test for overall effect: Z = 3.88 (P = 0.0001)

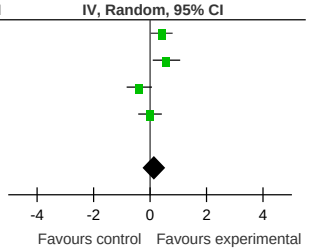


Mother-infant attachment/positive interactions Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HOROWITZ2001	9.55	1.77	60	8.8	1.86	57	26.4%	0.41 [0.04, 0.78]
SALOMONSSON2011	83.53	9.9	38	76.67	13.2	37	23.5%	0.58 [0.12, 1.05]
SLEED2013	34.98	8.5	51	38.06	7.3	37	24.6%	-0.38 [-0.81, 0.05]
ZELKOWITZ2008/2011/FEELEY	2.8	1	48	2.8	1	50	25.5%	0.00 [-0.40, 0.40]
Total (95% CI)			**197**			**181**	**100.0%**	**0.15 [-0.26, 0.56]**

Heterogeneity: Tau² = 0.13; Chi² = 11.79, df = 3 (P = 0.008); I² = 75%

Test for overall effect: Z = 0.73 (P = 0.47)

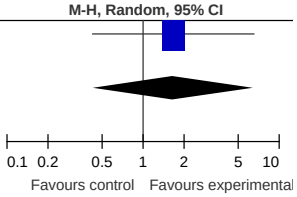


Maternal sensitivity Post-treatment (treatment response at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	5	40	3	40	100.0%	1.67 [0.43, 6.51]
Total (95% CI)		**40**		**40**	**100.0%**	**1.67 [0.43, 6.51]**
Total events	5		3			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.73 (P = 0.46)

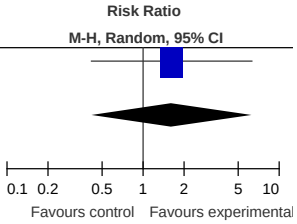


Maternal sensitivity Post-treatment (treatment response at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	5	38	3	37	100.0%	1.62 [0.42, 6.31]
Total (95% CI)		**38**		**37**	**100.0%**	**1.62 [0.42, 6.31]**
Total events	5		3			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.70 (P = 0.48)

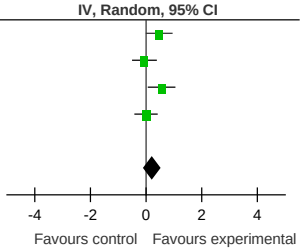


Maternal sensitivity Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SALOMONSSON2011	0.64	0.12	38	0.57	0.17	37	23.8%	0.47 [0.01, 0.93]
SLEED2013	19.13	2.7	51	19.3	3.2	37	25.8%	-0.06 [-0.48, 0.37]
VANDOESUM2008/KERSTENALVA	4.82	1.78	35	3.79	1.86	36	22.9%	0.56 [0.08, 1.03]
ZELKOWITZ2008/2011/FEELEY	3.9	0.7	48	3.9	0.7	50	27.5%	0.00 [-0.40, 0.40]
Total (95% CI)			**172**			**160**	**100.0%**	**0.23 [-0.08, 0.53]**

Heterogeneity: Tau² = 0.05; Chi² = 5.95, df = 3 (P = 0.11); I² = 50%

Test for overall effect: Z = 1.44 (P = 0.15)

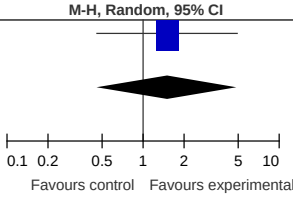


Maternal structuring Post-treatment (treatment response at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	6	40	4	40	100.0%	1.50 [0.46, 4.91]
Total (95% CI)		**40**		**40**	**100.0%**	**1.50 [0.46, 4.91]**
Total events	6		4			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.67 (P = 0.50)

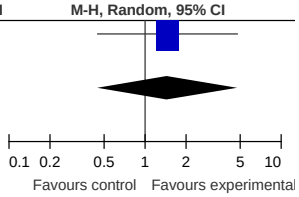


Maternal structuring Post-treatment (treatment response at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	6	38	4	37	100.0%	1.46 [0.45, 4.76]
Total (95% CI)		**38**		**37**	**100.0%**	**1.46 [0.45, 4.76]**
Total events	6		4			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.63 (P = 0.53)

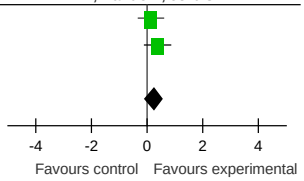


Maternal structuring Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SALOMONSSON2011	0.71	0.12	38	0.69	0.16	37	51.8%	0.14 [-0.31, 0.59]
VANDOESUM2008/KERSTENALVA	3.12	1.09	35	2.71	1.06	36	48.2%	0.38 [-0.09, 0.85]
Total (95% CI)			**73**			**73**	**100.0%**	**0.25 [-0.07, 0.58]**

Heterogeneity: Tau² = 0.00; Chi² = 0.51, df = 1 (P = 0.48); I² = 0%

Test for overall effect: Z = 1.53 (P = 0.13)

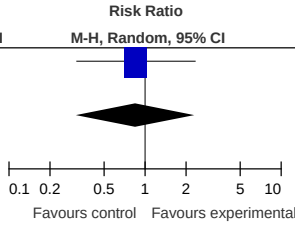


Maternal nonintrusiveness Post-treatment (treatment response at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	6	40	7	40	100.0%	0.86 [0.32, 2.33]
Total (95% CI)		**40**		**40**	**100.0%**	**0.86 [0.32, 2.33]**
Total events	6		7			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.30 (P = 0.76)

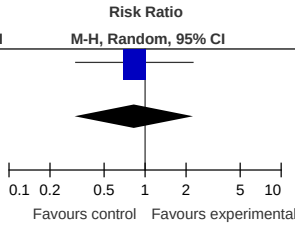


Maternal nonintrusiveness Post-treatment (treatment response at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	6	38	7	37	100.0%	0.83 [0.31, 2.25]
Total (95% CI)		**38**		**37**	**100.0%**	**0.83 [0.31, 2.25]**
Total events	6		7			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.36 (P = 0.72)

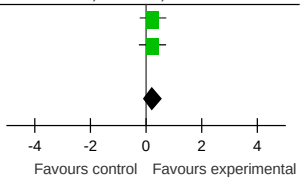


Maternal nonintrusive behaviour Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SALOMONSSON2011	0.78	0.16	38	0.73	0.23	37	51.3%	0.25 [-0.20, 0.70]
VANDOESUM2008/KERSTENALVA	3.56	1.56	35	3.24	1.15	36	48.7%	0.23 [-0.24, 0.70]
Total (95% CI)			**73**			**73**	**100.0%**	**0.24 [-0.08, 0.57]**

Heterogeneity: Tau² = 0.00; Chi² = 0.00, df = 1 (P = 0.95); I² = 0%

Test for overall effect: Z = 1.45 (P = 0.15)

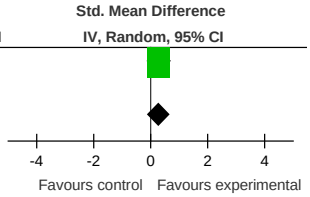


Maternal intrusive behaviour Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	4.1	0.7	48	3.9	0.7	50	100.0%	0.28 [-0.11, 0.68]
Total (95% CI)			**48**			**50**	**100.0%**	**0.28 [-0.11, 0.68]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.40 (P = 0.16)

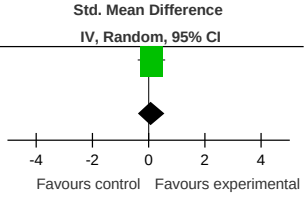


Maternal nonhostility Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	4.89	0.41	35	4.84	0.56	36	100.0%	0.10 [-0.37, 0.57]
Total (95% CI)			**35**			**36**	**100.0%**	**0.10 [-0.37, 0.57]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.42 (P = 0.67)

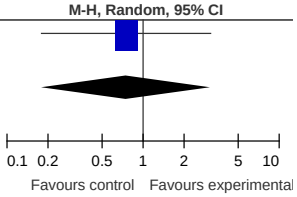


Child responsiveness Post-treatment (treatment response at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	3	40	4	40	100.0%	0.75 [0.18, 3.14]
Total (95% CI)		**40**		**40**	**100.0%**	**0.75 [0.18, 3.14]**
Total events	3		4			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.39 (P = 0.69)

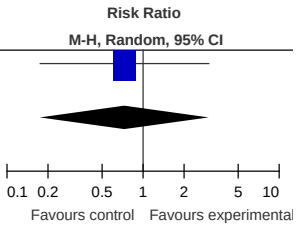


Child responsiveness Post-treatment (treatment response at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	3	38	4	37	100.0%	0.73 [0.18, 3.04]
Total (95% CI)		**38**		**37**	**100.0%**	**0.73 [0.18, 3.04]**
Total events	3		4			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.43 (P = 0.67)

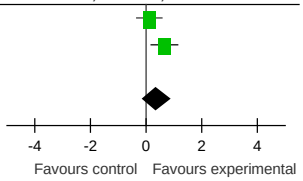


Child responsiveness Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SALOMONSSON2011	0.69	0.13	38	0.67	0.2	37	51.0%	0.12 [-0.34, 0.57]
VANDOESUM2008/KERSTENALVA	4.26	1.48	35	3.18	1.74	36	49.0%	0.66 [0.18, 1.14]
Total (95% CI)			**73**			**73**	**100.0%**	**0.38 [-0.15, 0.92]**

Heterogeneity: Tau² = 0.09; Chi² = 2.61, df = 1 (P = 0.11); I² = 62%

Test for overall effect: Z = 1.41 (P = 0.16)

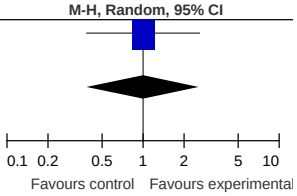


Child involvement Post-treatment (treatment response at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	7	40	7	40	100.0%	1.00 [0.39, 2.59]
Total (95% CI)		**40**		**40**	**100.0%**	**1.00 [0.39, 2.59]**
Total events	7		7			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.00 (P = 1.00)

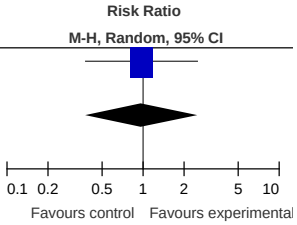


Child involvement Post-treatment (treatment response at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	7	38	7	37	100.0%	0.97 [0.38, 2.50]
Total (95% CI)		**38**		**37**	**100.0%**	**0.97 [0.38, 2.50]**
Total events	7		7			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.06 (P = 0.96)

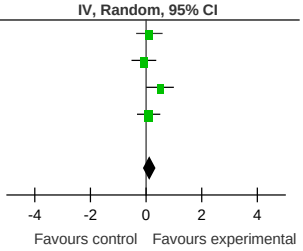


Child involvement/positive engagement Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SALOMONSSON2011	0.68	0.14	38	0.66	0.19	37	23.1%	0.12 [-0.33, 0.57]
SLEED2013	16.62	4.4	51	16.99	5	37	26.1%	-0.08 [-0.50, 0.34]
VANDOESUM2008/KERSTENALVA	3.74	1.83	35	2.79	1.91	36	21.4%	0.50 [0.03, 0.98]
ZELKOWITZ2008/2011/FEELEY	2.6	1.1	48	2.5	1	50	29.4%	0.09 [-0.30, 0.49]
Total (95% CI)			**172**			**160**	**100.0%**	**0.14 [-0.09, 0.37]**

Heterogeneity: Tau² = 0.01; Chi² = 3.34, df = 3 (P = 0.34); I² = 10%

Test for overall effect: Z = 1.22 (P = 0.22)

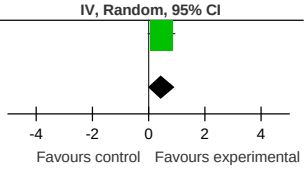


Child attachment security Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	0.41	0.3	35	0.26	0.35	36	100.0%	0.45 [-0.02, 0.93]
Total (95% CI)			**35**			**36**	**100.0%**	**0.45 [-0.02, 0.93]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.89 (P = 0.06)

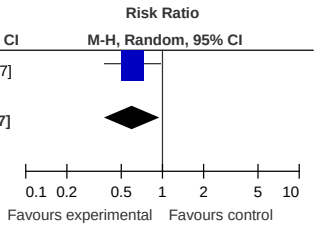


Mother-infant behaviour management problems Post-treatment (number with adverse events measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	15	43	30	52	100.0%	0.60 [0.38, 0.97]
Total (95% CI)		**43**		**52**	**100.0%**	**0.60 [0.38, 0.97]**
Total events	15		30			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.10 (P = 0.04)

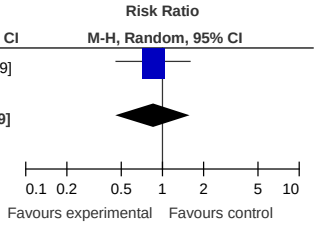


Mother-infant behaviour management problems Post-treatment (number with adverse events measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	13	41	13	35	100.0%	0.85 [0.46, 1.59]
Total (95% CI)		**41**		**35**	**100.0%**	**0.85 [0.46, 1.59]**
Total events	13		13			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.50 (P = 0.62)

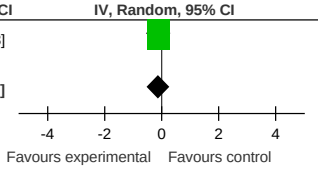


Maternal confidence/competence Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	79.4	8.7	46	80.4	7.5	50	100.0%	-0.12 [-0.52, 0.28]
Total (95% CI)			**46**			**50**	**100.0%**	**-0.12 [-0.52, 0.28]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.60 (P = 0.55)

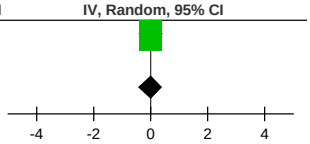


Mother-infant positive interaction Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

	Experimental			Control				Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	3.3	0.8	46	3.3	0.9	50	100.0%	0.00 [-0.40, 0.40]
Total (95% CI)			**46**			**50**	**100.0%**	**0.00 [-0.40, 0.40]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.00 (P = 1.00)

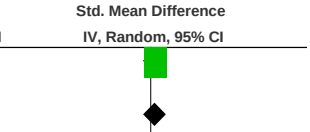


Maternal sensitivity Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

	Experimental			Control				Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	3.9	0.7	46	3.8	0.6	50	100.0%	0.15 [-0.25, 0.55]
Total (95% CI)			**46**			**50**	**100.0%**	**0.15 [-0.25, 0.55]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.75 (P = 0.46)

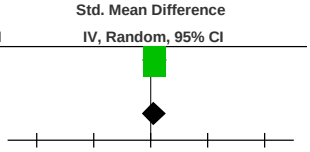


Maternal intrusive behaviour Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

	Experimental			Control				Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	4	0.7	46	3.9	0.8	50	100.0%	0.13 [-0.27, 0.53]
Total (95% CI)			**46**			**50**	**100.0%**	**0.13 [-0.27, 0.53]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.64 (P = 0.52)

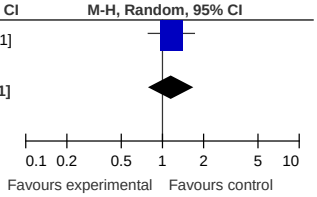


Mother-infant attachment problems Long follow-up (number with adverse events measured at >24 week follow-up) - ITT analysis

	Experimental		Control			Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI
COOPER2003/MURRAY2003	24	43	25	52	100.0%	1.16 [0.79, 1.71]
Total (95% CI)		**43**		**52**	**100.0%**	**1.16 [0.79, 1.71]**
Total events	24		25			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.75 (P = 0.45)

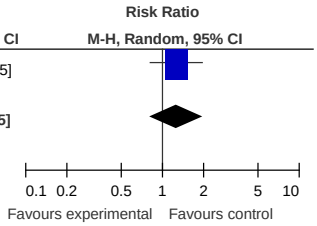


Mother-infant attachment problems Long follow-up (number with adverse events measured at >24 week follow-up) - Available case

	Experimental		Control			Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI
COOPER2003/MURRAY2003	22	41	20	47	100.0%	1.26 [0.81, 1.95]
Total (95% CI)		**41**		**47**	**100.0%**	**1.26 [0.81, 1.95]**
Total events	22		20			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.04 (P = 0.30)

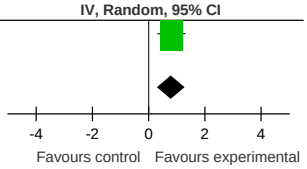


Maternal sensitivity Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	5.18	2.01	35	3.63	1.76	36	100.0%	0.81 [0.33, 1.30]
Total (95% CI)			**35**			**36**	**100.0%**	**0.81 [0.33, 1.30]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.28 (P = 0.001)

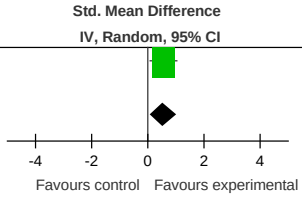


Maternal structuring Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	3.12	1.09	35	2.44	1.3	36	100.0%	0.56 [0.09, 1.03]
Total (95% CI)			**35**			**36**	**100.0%**	**0.56 [0.09, 1.03]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.31 (P = 0.02)

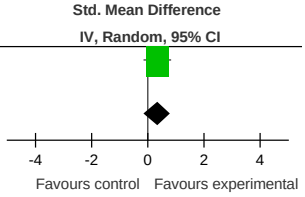


Maternal nonintrusive behaviour Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	3.57	1.27	35	3.11	1.4	36	100.0%	0.34 [-0.13, 0.81]
Total (95% CI)			**35**			**36**	**100.0%**	**0.34 [-0.13, 0.81]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.42 (P = 0.15)

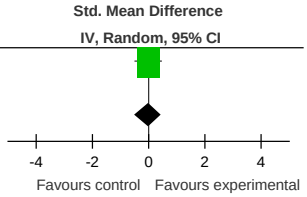


Maternal nonhostility Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	4.8	0.67	35	4.81	0.52	36	100.0%	-0.02 [-0.48, 0.45]
Total (95% CI)			**35**			**36**	**100.0%**	**-0.02 [-0.48, 0.45]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.07 (P = 0.94)

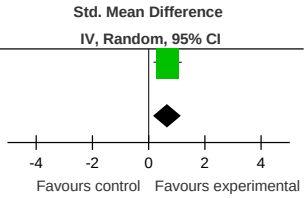


Child responsiveness Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	4.6	1.77	35	3.52	1.36	36	100.0%	0.68 [0.20, 1.16]
Total (95% CI)			**35**			**36**	**100.0%**	**0.68 [0.20, 1.16]**

Heterogeneity: Not applicable

Test for overall effect: Z = 2.77 (P = 0.006)

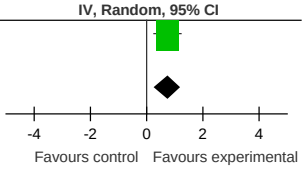


Child involvement Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	4.57	1.91	35	3.25	1.59	36	100.0%	0.74 [0.26, 1.23]
Total (95% CI)			**35**			**36**	**100.0%**	**0.74 [0.26, 1.23]**

Heterogeneity: Not applicable

Test for overall effect: Z = 3.03 (P = 0.002)

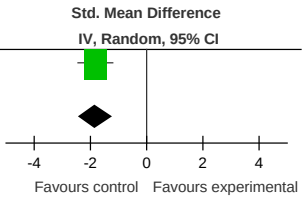


Mother-infant attachment/positive interactions Very long follow-up (mean score at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	-0.24	0.26	29	0.24	0.26	29	100.0%	-1.82 [-2.44, -1.20]
Total (95% CI)			**29**			**29**	**100.0%**	**-1.82 [-2.44, -1.20]**

Heterogeneity: Not applicable

Test for overall effect: Z = 5.77 (P < 0.00001)

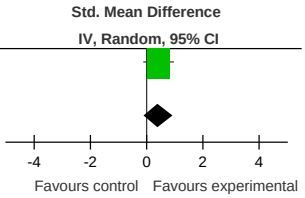


Child attachment security Very long follow-up (mean score at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	13.29	0.72	29	12.98	0.72	29	100.0%	0.42 [-0.10, 0.95]
Total (95% CI)			**29**			**29**	**100.0%**	**0.42 [-0.10, 0.95]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.60 (P = 0.11)



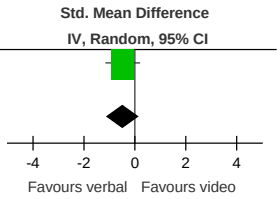
1.5.64 Mother-infant attachment: Mother-infant relationship intervention with video feedback versus mother-infant relationship intervention with verbal feedback

Maternal confidence Post-treatment (mean scores at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BILSZTA2012	61.5	11.18	20	67.3	12.78	17	100.0%	-0.48 [-1.13, 0.18]
Total (95% CI)			**20**			**17**	**100.0%**	**-0.48 [-1.13, 0.18]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.42 (P = 0.16)

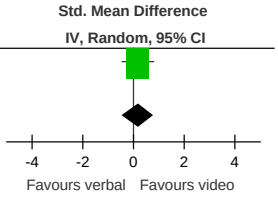


Maternal perceptions of infant behaviour Post-treatment (mean scores at endpoint or first measurement) - Available case analysis

	Experimental			Control				Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI
BILSZTA2012	3.2	4.03	20	2.4	4.92	20	100.0%	0.17 [-0.45, 0.80]
Total (95% CI)			**20**			**20**	**100.0%**	**0.17 [-0.45, 0.80]**

Heterogeneity: Not applicable

Test for overall effect: Z = 0.55 (P = 0.58)



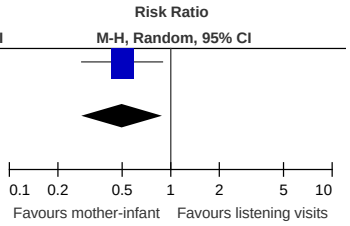
1.5.65 Mother-infant attachment: Mother-infant relationship intervention (and guided self-help) versus listening visits (and guided self-help)

Mealtime conflict Post-treatment (behavioural observation of mealtime at endpoint or first measurement) - ITT analysis

	Experimental		Control			Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI
STEIN2006	11	40	22	40	100.0%	0.50 [0.28, 0.89]
Total (95% CI)		**40**		**40**	**100.0%**	**0.50 [0.28, 0.89]**
Total events	11		22			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.36 (P = 0.02)

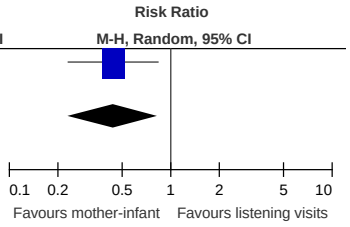


Mealtime conflict Post-treatment (behavioural observation of mealtime at endpoint or first measurement) - Available case analysis

	Experimental		Control			Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI
STEIN2006	9	38	21	39	100.0%	0.44 [0.23, 0.83]
Total (95% CI)		**38**		**39**	**100.0%**	**0.44 [0.23, 0.83]**
Total events	9		21			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.51 (P = 0.01)

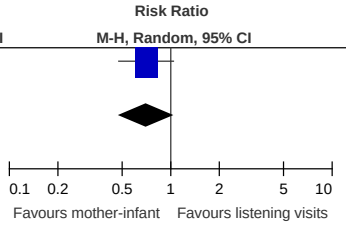


Maternal inappropriate verbal responses Post-treatment (behavioural observation of mealtime at endpoint or first measurement) - ITT analysis

	Experimental		Control			Risk Ratio
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI
STEIN2006	19	40	27	40	100.0%	0.70 [0.48, 1.04]
Total (95% CI)		**40**		**40**	**100.0%**	**0.70 [0.48, 1.04]**
Total events	19		27			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.76 (P = 0.08)

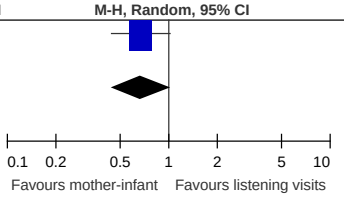


Maternal inappropriate verbal responses Post-treatment (behavioural observation of mealtime at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
STEIN2006	17	38	26	39	100.0%	0.67 [0.44, 1.02]
Total (95% CI)		**38**		**39**	**100.0%**	**0.67 [0.44, 1.02]**
Total events	17		26			

Heterogeneity: Not applicable

Test for overall effect: Z = 1.87 (P = 0.06)

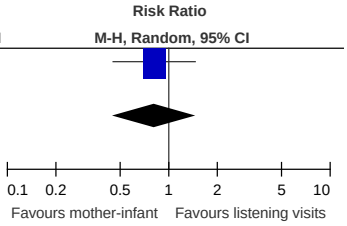


Maternal intrusions Post-treatment (behavioural observation of mealtime at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
STEIN2006	13	40	16	40	100.0%	0.81 [0.45, 1.46]
Total (95% CI)		**40**		**40**	**100.0%**	**0.81 [0.45, 1.46]**
Total events	13		16			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.69 (P = 0.49)

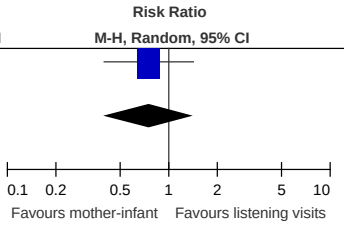


Maternal intrusions Post-treatment (behavioural observation of mealtime at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
STEIN2006	11	38	15	39	100.0%	0.75 [0.40, 1.42]
Total (95% CI)		**38**		**39**	**100.0%**	**0.75 [0.40, 1.42]**
Total events	11		15			

Heterogeneity: Not applicable

Test for overall effect: Z = 0.87 (P = 0.38)

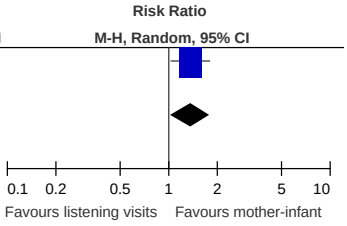


Infant autonomy Post-treatment (behavioural observation of mealtime at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
STEIN2006	34	40	25	40	100.0%	1.36 [1.04, 1.79]
Total (95% CI)		**40**		**40**	**100.0%**	**1.36 [1.04, 1.79]**
Total events	34		25			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.21 (P = 0.03)

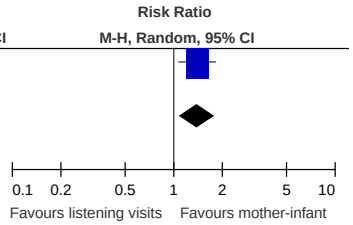


Infant autonomy Post-treatment (behavioural observation of mealtime at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
STEIN2006	34	38	25	39	100.0%	1.40 [1.08, 1.81]
Total (95% CI)		**38**		**39**	**100.0%**	**1.40 [1.08, 1.81]**
Total events	34		25			

Heterogeneity: Not applicable

Test for overall effect: Z = 2.52 (P = 0.01)



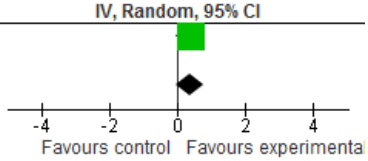
1.5.66 Quality of life: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU

Social support Post-treatment (mean score at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
AMMERMAN2013A/2013B	75.8	22.9	47	66.5	25.5	46	100.0%	0.38 [-0.03, 0.79]
Total (95% CI)			**47**			**46**	**100.0%**	**0.38 [-0.03, 0.79]**

Heterogeneity: Not applicable

Test for overall effect: Z = 1.82 (P = 0.07)

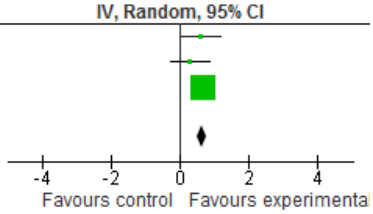


Social support Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MILGROM2005	77.44	15.979	31	69.13	9.5459	18	5.1%	0.58 [-0.01, 1.18]
MULCAHY2010	84.64	19.89	23	78.32	21.32	27	5.8%	0.30 [-0.26, 0.86]
RAHMAN2008	51	12.1	412	42.5	13.8	386	89.1%	0.66 [0.51, 0.80]
Total (95% CI)			**466**			**431**	**100.0%**	**0.63 [0.50, 0.77]**

Heterogeneity: Tau² = 0.00; Chi² = 1.48, df = 2 (P = 0.48); I² = 0%

Test for overall effect: Z = 9.20 (P < 0.00001)

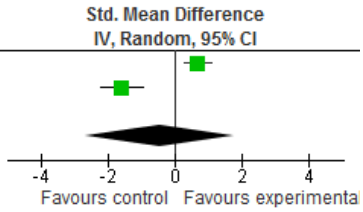


Life functioning Post-treatment (mean score at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
AMMERMAN2013A/2013B	72.22	13.88	47	63.23	12.18	46	50.5%	0.68 [0.26, 1.10]
GROTE2009	2.12	0.44	25	3.14	0.77	28	49.5%	-1.58 [-2.20, -0.96]
Total (95% CI)			**72**			**74**	**100.0%**	**-0.44 [-2.65, 1.78]**

Heterogeneity: Tau² = 2.48; Chi² = 34.85, df = 1 (P < 0.00001); I² = 97%

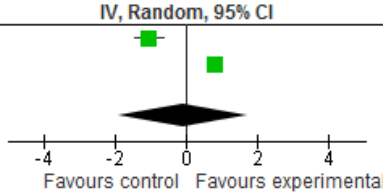
Test for overall effect: Z = 0.39 (P = 0.70)



Life functioning Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OHARA2000	1.93	0.34	48	2.35	0.45	51	49.4%	-1.04 [-1.46, -0.62]
RAHMAN2008	78	9.9	412	69	12	386	50.6%	0.82 [0.68, 0.96]
Total (95% CI)			**460**			**437**	**100.0%**	**-0.10 [-1.92, 1.72]**

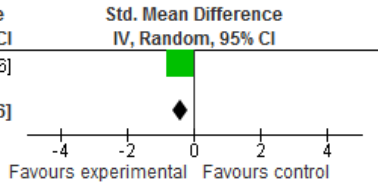
Heterogeneity: Tau² = 1.70; Chi² = 67.11, df = 1 (P < 0.00001); I² = 99%
Test for overall effect: Z = 0.11 (P = 0.91)



Functional impairment Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	1	0.7	138	1.3	0.8	146	100.0%	-0.40 [-0.63, -0.16]
Total (95% CI)			**138**			**146**	**100.0%**	**-0.40 [-0.63, -0.16]**

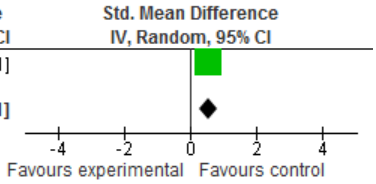
Heterogeneity: Not applicable
Test for overall effect: Z = 3.31 (P = 0.0009)



Parental stress Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	149.9	18.1	106	139.6	20.4	106	100.0%	0.53 [0.26, 0.81]
Total (95% CI)			**106**			**106**	**100.0%**	**0.53 [0.26, 0.81]**

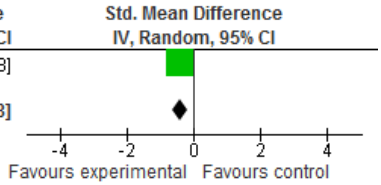
Heterogeneity: Not applicable
Test for overall effect: Z = 3.81 (P = 0.0001)



Wellbeing Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	1.2	0.9	138	1.6	1	146	100.0%	-0.42 [-0.65, -0.18]
Total (95% CI)			**138**			**146**	**100.0%**	**-0.42 [-0.65, -0.18]**

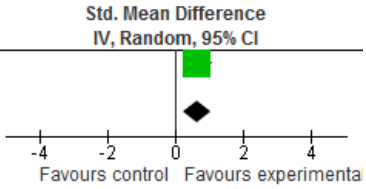
Heterogeneity: Not applicable
Test for overall effect: Z = 3.49 (P = 0.0005)



Social support Short follow-up (mean score at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
AMMERMAN2013A/2013B	83.6	21.4	47	68.1	26.4	46	100.0%	0.64 [0.22, 1.06]
Total (95% CI)			**47**			**46**	**100.0%**	**0.64 [0.22, 1.06]**

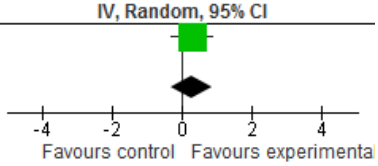
Heterogeneity: Not applicable
Test for overall effect: Z = 3.01 (P = 0.003)



Social support Short follow-up (mean score at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MULCAHY2010	87.96	23.22	22	80.92	24.83	23	100.0%	0.29 [-0.30, 0.88]
Total (95% CI)			**22**			**23**	**100.0%**	**0.29 [-0.30, 0.88]**

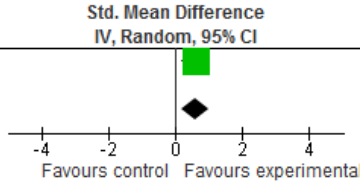
Heterogeneity: Not applicable
Test for overall effect: Z = 0.96 (P = 0.34)



Life functioning Short follow-up (mean score at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
AMMERMAN2013A/2013B	73.41	13.48	47	65.39	12.98	46	100.0%	0.60 [0.18, 1.02]
Total (95% CI)			**47**			**46**	**100.0%**	**0.60 [0.18, 1.02]**

Heterogeneity: Not applicable
Test for overall effect: Z = 2.83 (P = 0.005)

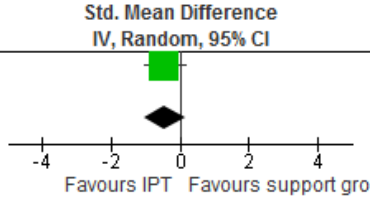


1.5.67 Quality of life: IPT versus support group

Maternal cortisol level Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	IPT Mean	IPT SD	IPT Total	Support group Mean	Support group SD	Support group Total	Weight	Std. Mean Difference IV, Random, 95% CI
FIELD2013C	0.22	0.1	22	0.29	0.19	22	100.0%	-0.45 [-1.05, 0.15]
Total (95% CI)			**22**			**22**	**100.0%**	**-0.45 [-1.05, 0.15]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.48 (P = 0.14)

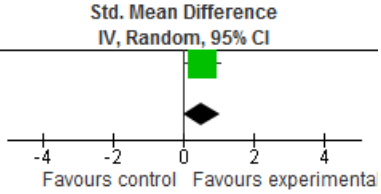


1.5.68 Quality of life: Facilitated self-help versus TAU

Social support Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	73.63	9.83	31	68.39	10.49	28	100.0%	0.51 [-0.01, 1.03]
Total (95% CI)			**31**			**28**	**100.0%**	**0.51 [-0.01, 1.03]**

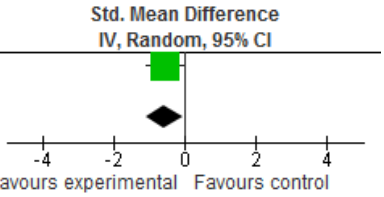
Heterogeneity: Not applicable
Test for overall effect: Z = 1.92 (P = 0.05)



Functional impairment Post-treatment (mean score at endpoint or first measurement) - Available analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	13.13	6.7	31	17.18	7.25	28	100.0%	-0.57 [-1.10, -0.05]
Total (95% CI)			**31**			**28**	**100.0%**	**-0.57 [-1.10, -0.05]**

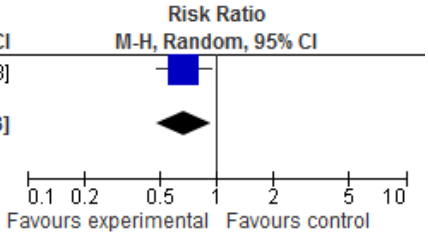
Heterogeneity: Not applicable
Test for overall effect: Z = 2.15 (P = 0.03)



Parental stress Post-treatment (symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2011A	29	71	44	72	100.0%	0.67 [0.48, 0.93]
Total (95% CI)		**71**		**72**	**100.0%**	**0.67 [0.48, 0.93]**
Total events	29		44			

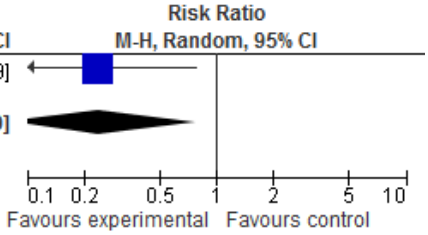
Heterogeneity: Not applicable
Test for overall effect: Z = 2.36 (P = 0.02)



Parental stress Post-treatment (symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2011A	3	45	11	39	100.0%	0.24 [0.07, 0.79]
Total (95% CI)		**45**		**39**	**100.0%**	**0.24 [0.07, 0.79]**
Total events	3		11			

Heterogeneity: Not applicable
Test for overall effect: Z = 2.35 (P = 0.02)

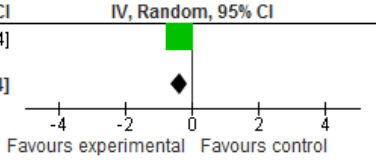


1.5.69 Quality of life: Listening visits versus TAU

Functional impairment Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	1	0.8	131	1.3	0.8	146	100.0%	-0.37 [-0.61, -0.14]
Total (95% CI)			**131**			**146**	**100.0%**	**-0.37 [-0.61, -0.14]**

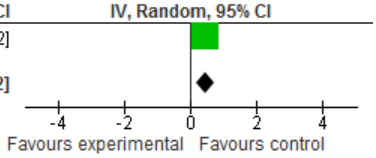
Heterogeneity: Not applicable
Test for overall effect: Z = 3.08 (P = 0.002)



Parental stress Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	147.8	15.7	105	139.6	20.4	106	100.0%	0.45 [0.18, 0.72]
Total (95% CI)			**105**			**106**	**100.0%**	**0.45 [0.18, 0.72]**

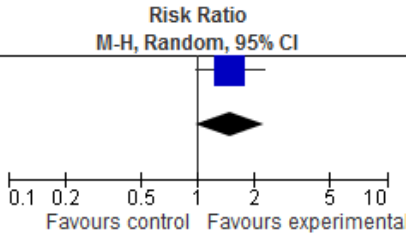
Heterogeneity: Not applicable
Test for overall effect: Z = 3.22 (P = 0.001)



Wellbeing Post-treatment (improved wellbeing at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WICKBERG1996	17	20	12	21	100.0%	1.49 [0.98, 2.25]
Total (95% CI)		**20**		**21**	**100.0%**	**1.49 [0.98, 2.25]**
Total events	17		12			

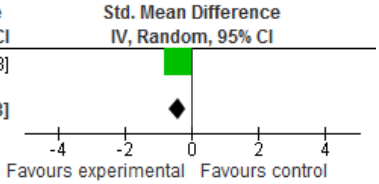
Heterogeneity: Not applicable
Test for overall effect: Z = 1.88 (P = 0.06)



Wellbeing Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MORRELL2009A/2009B/2011	1.2	0.9	131	1.6	1	146	100.0%	-0.42 [-0.66, -0.18]
Total (95% CI)			**131**			**146**	**100.0%**	**-0.42 [-0.66, -0.18]**

Heterogeneity: Not applicable
Test for overall effect: Z = 3.44 (P = 0.0006)

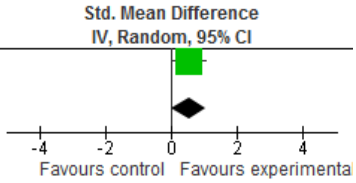


1.5.70 Quality of life: Directive counselling versus TAU

Social support Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MILGROM2005	74.07028	9.113431	72	69.13	9.5459	18	100.0%	0.53 [0.01, 1.06]
Total (95% CI)			**72**			**18**	**100.0%**	**0.53 [0.01, 1.06]**

Heterogeneity: Not applicable
Test for overall effect: Z = 2.00 (P = 0.05)

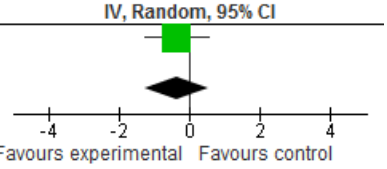


1.5.71 Quality of life: Post-miscarriage counselling versus TAU

Functional impairment Post-treatment (mean score at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEUGEBAUER2006	52.2	29.2	10	62.3	21.4	9	100.0%	-0.37 [-1.28, 0.54]
Total (95% CI)			**10**			**9**	**100.0%**	**-0.37 [-1.28, 0.54]**

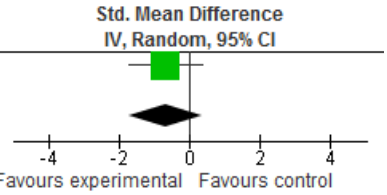
Heterogeneity: Not applicable
Test for overall effect: Z = 0.80 (P = 0.42)



Functional impairment Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
NEUGEBAUER2006	51	29.7	8	69.2	18.7	7	100.0%	-0.68 [-1.73, 0.37]
Total (95% CI)			**8**			**7**	**100.0%**	**-0.68 [-1.73, 0.37]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.26 (P = 0.21)

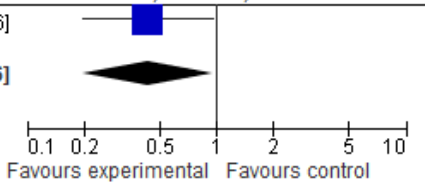


1.5.72 Quality of life: Post-traumatic birth counselling versus TAU

Parental stress Post-treatment (symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GAMBLE2005	7	50	17	53	100.0%	0.44 [0.20, 0.96]
Total (95% CI)		**50**		**53**	**100.0%**	**0.44 [0.20, 0.96]**
Total events	7		17			

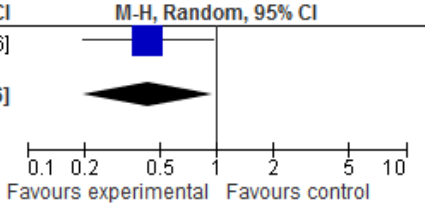
Heterogeneity: Not applicable
Test for overall effect: Z = 2.05 (P = 0.04)



Parental stress Post-treatment (symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GAMBLE2005	7	50	17	53	100.0%	0.44 [0.20, 0.96]
Total (95% CI)		**50**		**53**	**100.0%**	**0.44 [0.20, 0.96]**
Total events	7		17			

Heterogeneity: Not applicable
Test for overall effect: Z = 2.05 (P = 0.04)

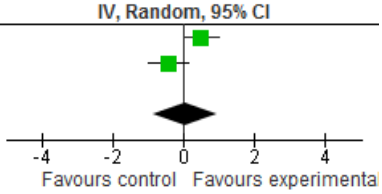


1.5.73 Quality of life: Social support versus TAU

Social support Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
CHEN2000	2.6	5.08	30	0	5.14	30	50.7%	0.50 [-0.01, 1.02]
LETOURNEAU2011	77.3	13.9	23	82.8	11.3	28	49.3%	-0.43 [-0.99, 0.13]
Total (95% CI)			**53**			**58**	**100.0%**	**0.04 [-0.87, 0.96]**

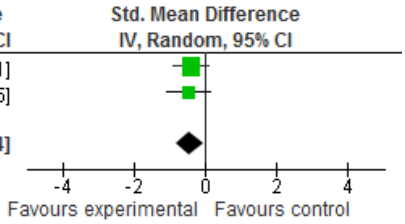
Heterogeneity: Tau² = 0.36; Chi² = 5.82, df = 1 (P = 0.02); I² = 83%
Test for overall effect: Z = 0.09 (P = 0.93)



Parental stress Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
CHEN2000	-3.1	4.53	30	-1.3	4.26	30	59.6%	-0.40 [-0.92, 0.11]
DENNIS2003	4.95	2.68	20	6.48	3.63	21	40.4%	-0.47 [-1.09, 0.15]
Total (95% CI)			**50**			**51**	**100.0%**	**-0.43 [-0.83, -0.04]**

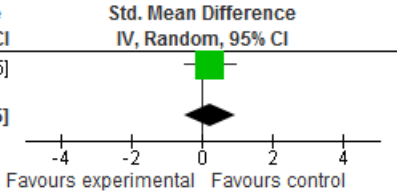
Heterogeneity: Tau² = 0.00; Chi² = 0.02, df = 1 (P = 0.88); I² = 0%
Test for overall effect: Z = 2.13 (P = 0.03)



Maternal cortisol levels Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LETOURNEAU2011	2.73	1.97	14	2.31	1.56	16	100.0%	0.23 [-0.49, 0.95]
Total (95% CI)			**14**			**16**	**100.0%**	**0.23 [-0.49, 0.95]**

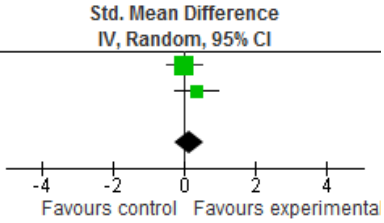
Heterogeneity: Not applicable
Test for overall effect: Z = 0.63 (P = 0.53)



Self-esteem Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
CHEN2000	1.03	4.57	30	1.03	2.97	30	59.8%	0.00 [-0.51, 0.51]
DENNIS2003	30	4.21	20	28.57	3.83	21	40.2%	0.35 [-0.27, 0.97]
Total (95% CI)			**50**			**51**	**100.0%**	**0.14 [-0.25, 0.53]**

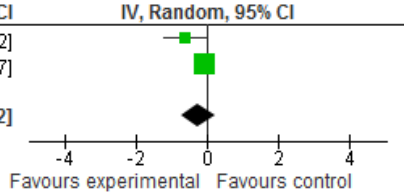
Heterogeneity: Tau² = 0.00; Chi² = 0.73, df = 1 (P = 0.39); I² = 0%
Test for overall effect: Z = 0.70 (P = 0.48)



Loneliness Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DENNIS2003	20.37	5.23	20	23.91	6.07	21	32.5%	-0.61 [-1.24, 0.02]
DENNIS2009/2010	19.59	6.16	297	20.14	6.31	315	67.5%	-0.09 [-0.25, 0.07]
Total (95% CI)			**317**			**336**	**100.0%**	**-0.26 [-0.74, 0.22]**

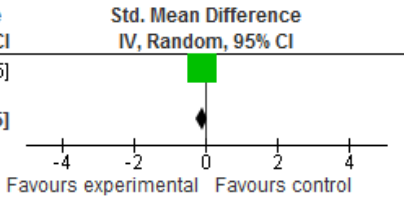
Heterogeneity: Tau² = 0.08; Chi² = 2.51, df = 1 (P = 0.11); I² = 60%
Test for overall effect: Z = 1.05 (P = 0.29)



Loneliness Short follow-up (mean score at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DENNIS2009/2010	18.76	6.34	289	19.44	6	311	100.0%	-0.11 [-0.27, 0.05]
Total (95% CI)			**289**			**311**	**100.0%**	**-0.11 [-0.27, 0.05]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.35 (P = 0.18)

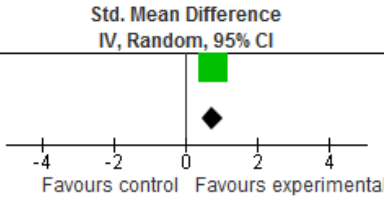


1.5.74 Quality of life: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU

Social support Post-treatment (mean score at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAO2010/2012	68.76	7.56	96	62.59	9	98	100.0%	0.74 [0.45, 1.03]
Total (95% CI)			**96**			**98**	**100.0%**	**0.74 [0.45, 1.03]**

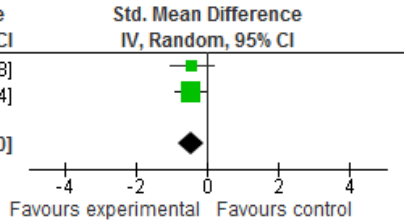
Heterogeneity: Not applicable
Test for overall effect: Z = 4.97 (P < 0.00001)



Functional impairment Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SILVERSTEIN2011	1.81	0.37	19	1.97	0.36	23	32.8%	-0.43 [-1.05, 0.18]
ZLOTNICK2006	8.8	2.58	46	10.2	3.35	40	67.2%	-0.47 [-0.90, -0.04]
Total (95% CI)			**65**			**63**	**100.0%**	**-0.46 [-0.81, -0.10]**

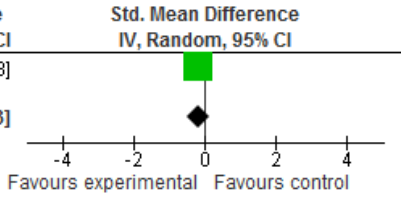
Heterogeneity: Tau² = 0.00; Chi² = 0.01, df = 1 (P = 0.92); I² = 0%
Test for overall effect: Z = 2.54 (P = 0.01)



Parental stress Post-treatment (mean score at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LEUNG2012	6.49	2.11	78	6.84	1.71	78	100.0%	-0.18 [-0.50, 0.13]
Total (95% CI)			**78**			**78**	**100.0%**	**-0.18 [-0.50, 0.13]**

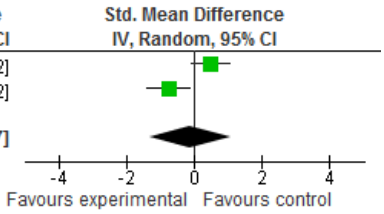
Heterogeneity: Not applicable
Test for overall effect: Z = 1.13 (P = 0.26)



Parental stress Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MUNOZ2007/URIZAR2011	41.4	21.1	24	30.9	22.3	29	50.8%	0.48 [-0.07, 1.02]
SILVERSTEIN2011	6.84	2.5	19	9.61	4.31	23	49.2%	-0.75 [-1.38, -0.12]
Total (95% CI)			**43**			**52**	**100.0%**	**-0.13 [-1.33, 1.07]**

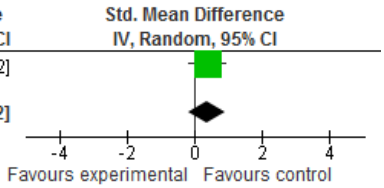
Heterogeneity: Tau² = 0.66; Chi² = 8.29, df = 1 (P = 0.004); I² = 88%
Test for overall effect: Z = 0.21 (P = 0.83)



Maternal cortisol levels Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MUNOZ2007/URIZAR2011	0.62	0.4	24	0.47	0.39	29	100.0%	0.37 [-0.17, 0.92]
Total (95% CI)			**24**			**29**	**100.0%**	**0.37 [-0.17, 0.92]**

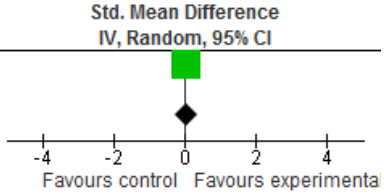
Heterogeneity: Not applicable
Test for overall effect: Z = 1.34 (P = 0.18)



Happiness Post-treatment (mean score at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LEUNG2012	4.62	6.67	78	4.39	0.79	78	100.0%	0.05 [-0.27, 0.36]
Total (95% CI)			**78**			**78**	**100.0%**	**0.05 [-0.27, 0.36]**

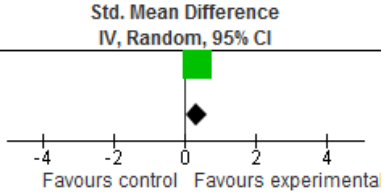
Heterogeneity: Not applicable
Test for overall effect: Z = 0.30 (P = 0.76)



Social support Short follow-up (mean score at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GAO2010/2012	65.92	8.1	96	63.11	8.67	98	100.0%	0.33 [0.05, 0.62]
Total (95% CI)			**96**			**98**	**100.0%**	**0.33 [0.05, 0.62]**

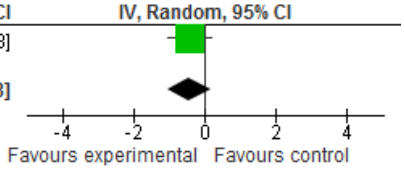
Heterogeneity: Not applicable
Test for overall effect: Z = 2.31 (P = 0.02)



Functional impairment Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SILVERSTEIN2011	1.79	0.36	21	1.97	0.45	21	100.0%	-0.43 [-1.05, 0.18]
Total (95% CI)			**21**			**21**	**100.0%**	**-0.43 [-1.05, 0.18]**

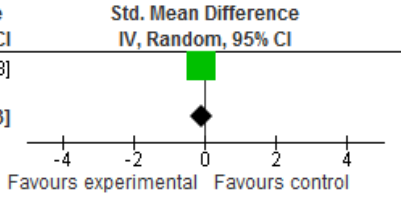
Heterogeneity: Not applicable
Test for overall effect: Z = 1.39 (P = 0.17)



Parental stress Intermediate follow-up (mean score at 17-24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LEUNG2012	6.66	2.26	78	6.84	1.83	78	100.0%	-0.09 [-0.40, 0.23]
Total (95% CI)			**78**			**78**	**100.0%**	**-0.09 [-0.40, 0.23]**

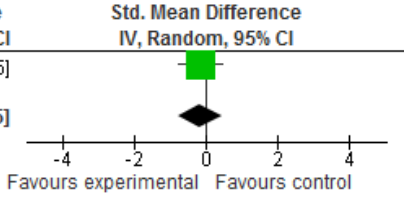
Heterogeneity: Not applicable
Test for overall effect: Z = 0.54 (P = 0.59)



Parental stress Intermediate follow-up (mean score at 17-24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SILVERSTEIN2011	7.86	2.63	21	8.33	3.1	21	100.0%	-0.16 [-0.77, 0.45]
Total (95% CI)			**21**			**21**	**100.0%**	**-0.16 [-0.77, 0.45]**

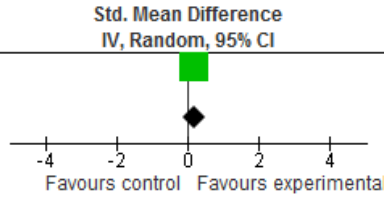
Heterogeneity: Not applicable
Test for overall effect: Z = 0.52 (P = 0.60)



Happiness Intermediate follow-up (mean score at 17-24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LEUNG2012	4.57	0.64	78	4.43	0.88	78	100.0%	0.18 [-0.13, 0.50]
Total (95% CI)			**78**			**78**	**100.0%**	**0.18 [-0.13, 0.50]**

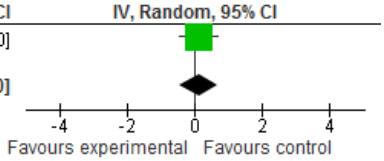
Heterogeneity: Not applicable
Test for overall effect: Z = 1.13 (P = 0.26)



Parental stress Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MUNOZ2007/URIZAR2011	39.7	17.7	24	37.5	18.1	22	100.0%	0.12 [-0.46, 0.70]
Total (95% CI)			**24**			**22**	**100.0%**	**0.12 [-0.46, 0.70]**

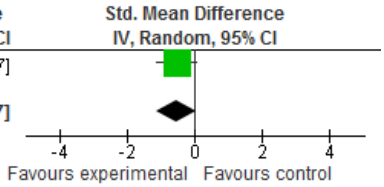
Heterogeneity: Not applicable
Test for overall effect: Z = 0.41 (P = 0.68)



Maternal cortisol levels Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MUNOZ2007/URIZAR2011	0.6	0.36	24	0.81	0.43	22	100.0%	-0.52 [-1.11, 0.07]
Total (95% CI)			**24**			**22**	**100.0%**	**-0.52 [-1.11, 0.07]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.74 (P = 0.08)

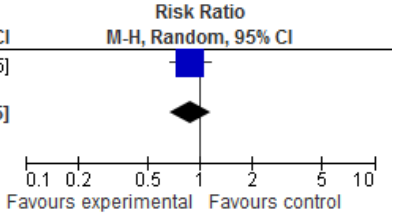


1.5.75 Quality of life: Home visits versus TAU/Enhanced TAU

Parental stress Post-treatment (symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	61	179	72	185	100.0%	0.88 [0.67, 1.15]
Total (95% CI)		**179**		**185**	**100.0%**	**0.88 [0.67, 1.15]**
Total events	61		72			

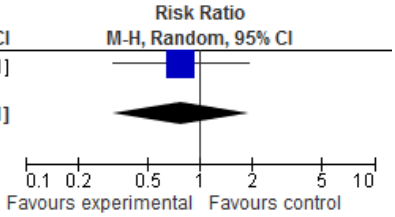
Heterogeneity: Not applicable
Test for overall effect: Z = 0.96 (P = 0.34)



Parental stress Post-treatment (symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	8	126	10	123	100.0%	0.78 [0.32, 1.91]
Total (95% CI)		**126**		**123**	**100.0%**	**0.78 [0.32, 1.91]**
Total events	8		10			

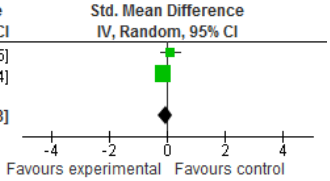
Heterogeneity: Not applicable
Test for overall effect: Z = 0.54 (P = 0.59)



Parental stress Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ARMSTRONG1999/2000/FRASER	127.0858	17.99404	66	125.4473	10.60742	66	33.2%	0.11 [-0.23, 0.45]
ROMAN2009	39.5	14.5	230	41.6	14.6	233	66.8%	-0.14 [-0.33, 0.04]
Total (95% CI)			**296**			**299**	**100.0%**	**-0.06 [-0.29, 0.18]**

Heterogeneity: Tau² = 0.01; Chi² = 1.66, df = 1 (P = 0.20); I² = 40%
Test for overall effect: Z = 0.50 (P = 0.62)

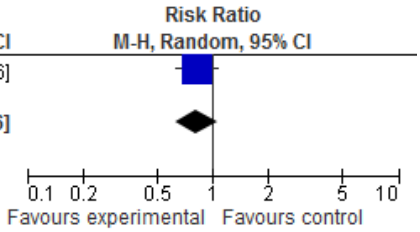


1.5.76 Quality of life: Mother-infant relationship interventions versus TAU/Enhanced TAU

Parental stress Post-treatment (symptomatology at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	27	40	33	40	100.0%	0.82 [0.63, 1.06]
Total (95% CI)		**40**		**40**	**100.0%**	**0.82 [0.63, 1.06]**
Total events	27		33			

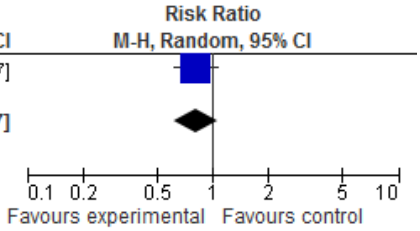
Heterogeneity: Not applicable
Test for overall effect: Z = 1.52 (P = 0.13)



Parental stress Post-treatment (symptomatology at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	25	38	30	37	100.0%	0.81 [0.62, 1.07]
Total (95% CI)		**38**		**37**	**100.0%**	**0.81 [0.62, 1.07]**
Total events	25		30			

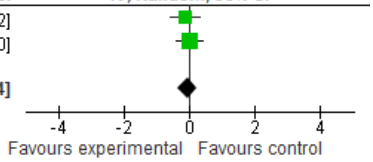
Heterogeneity: Not applicable
Test for overall effect: Z = 1.48 (P = 0.14)



Parental stress Post-treatment (mean score at endpoint or first measurement or change score) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SALOMONSSON2011	2.67	0.48	38	2.74	0.54	37	43.3%	-0.14 [-0.59, 0.32]
ZELKOWITZ2008/2011/FEELEY	2.1	0.7	48	2.1	0.8	50	56.7%	0.00 [-0.40, 0.40]
Total (95% CI)			**86**			**87**	**100.0%**	**-0.06 [-0.36, 0.24]**

Heterogeneity: Tau² = 0.00; Chi² = 0.20, df = 1 (P = 0.66); I² = 0%
Test for overall effect: Z = 0.39 (P = 0.70)

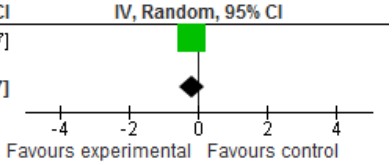


1.5.77 Quality of life: Psychosomatic intervention versus TAU

Poor social support Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ORTIZCOLLADO2014	27.41	8.32	69	29.02	9.084	58	100.0%	-0.18 [-0.53, 0.17]
Total (95% CI)			**69**			**58**	**100.0%**	**-0.18 [-0.53, 0.17]**

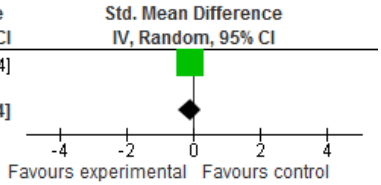
Heterogeneity: Not applicable
Test for overall effect: Z = 1.03 (P = 0.30)



Parental stress Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ORTIZCOLLADO2014	190.1	123.48	69	203.29	114.96	58	100.0%	-0.11 [-0.46, 0.24]
Total (95% CI)			**69**			**58**	**100.0%**	**-0.11 [-0.46, 0.24]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.61 (P = 0.54)

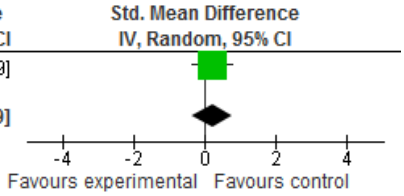


1.5.78 Quality of life: Mindfulness training versus TAU/Enhanced TAU

Parental stress Post-treatment (mean score at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
GUARDINO2014	37.3	5.38	24	35.8	8.01	23	100.0%	0.22 [-0.36, 0.79]
Total (95% CI)			**24**			**23**	**100.0%**	**0.22 [-0.36, 0.79]**

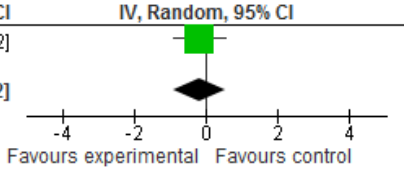
Heterogeneity: Not applicable
Test for overall effect: Z = 0.74 (P = 0.46)



Parental stress Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VIETEN2008	15.9	5.7	13	16.9	4.6	18	100.0%	-0.19 [-0.91, 0.52]
Total (95% CI)			**13**			**18**	**100.0%**	**-0.19 [-0.91, 0.52]**

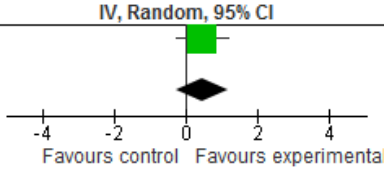
Heterogeneity: Not applicable
Test for overall effect: Z = 0.52 (P = 0.60)



Positive affect Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VIETEN2008	32.4	7.4	13	29.5	5.6	18	100.0%	0.44 [-0.28, 1.16]
Total (95% CI)			**13**			**18**	**100.0%**	**0.44 [-0.28, 1.16]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.20 (P = 0.23)

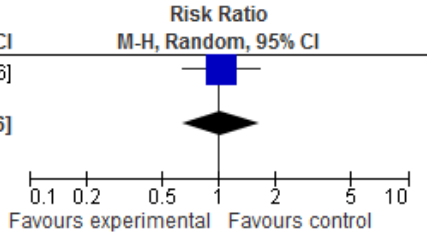


1.5.79 Service utilisation: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU

Use of NHS health visitor Post-Treatment (service utilisation at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	16	29	15	28	100.0%	1.03 [0.64, 1.66]
Total (95% CI)		**29**		**28**	**100.0%**	**1.03 [0.64, 1.66]**
Total events	16		15			

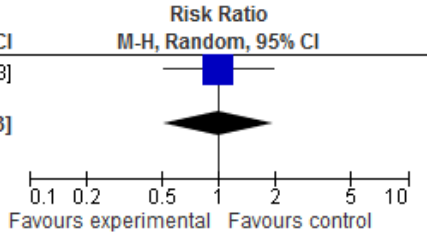
Heterogeneity: Not applicable
Test for overall effect: Z = 0.12 (P = 0.90)



Use of NHS health visitor Post-Treatment (service utilisation at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	10	23	10	23	100.0%	1.00 [0.52, 1.93]
Total (95% CI)		**23**		**23**	**100.0%**	**1.00 [0.52, 1.93]**
Total events	10		10			

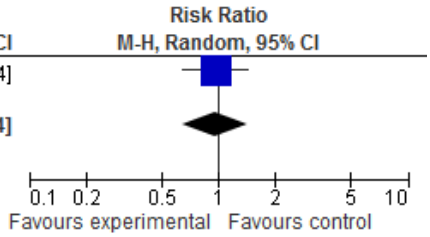
Heterogeneity: Not applicable
Test for overall effect: Z = 0.00 (P = 1.00)



Antidepressant medication Post-Treatment (medication use at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	18	29	18	28	100.0%	0.97 [0.65, 1.44]
Total (95% CI)		**29**		**28**	**100.0%**	**0.97 [0.65, 1.44]**
Total events	18		18			

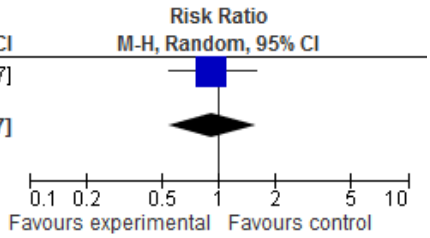
Heterogeneity: Not applicable
Test for overall effect: Z = 0.17 (P = 0.86)



Antidepressant medication Post-Treatment (medication use at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	12	23	13	23	100.0%	0.92 [0.54, 1.57]
Total (95% CI)		**23**		**23**	**100.0%**	**0.92 [0.54, 1.57]**
Total events	12		13			

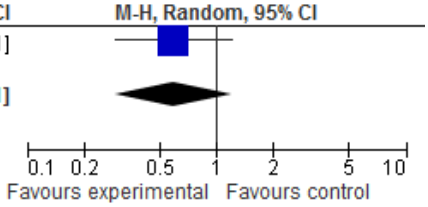
Heterogeneity: Not applicable
Test for overall effect: Z = 0.30 (P = 0.77)



Psychotherapy Post-Treatment (service utilisation at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	8	29	13	28	100.0%	0.59 [0.29, 1.21]
Total (95% CI)		**29**		**28**	**100.0%**	**0.59 [0.29, 1.21]**
Total events	8		13			

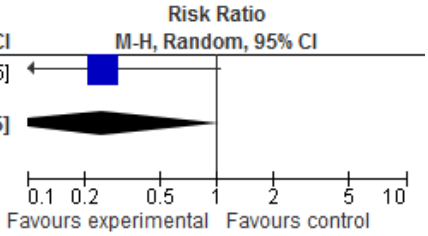
Heterogeneity: Not applicable
Test for overall effect: Z = 1.43 (P = 0.15)



Psychotherapy Post-Treatment (service utilisation at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	2	23	8	23	100.0%	0.25 [0.06, 1.05]
Total (95% CI)		**23**		**23**	**100.0%**	**0.25 [0.06, 1.05]**
Total events	2		8			

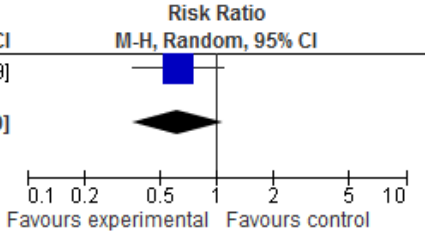
Heterogeneity: Not applicable
Test for overall effect: Z = 1.89 (P = 0.06)



Counselling Post-Treatment (service utilisation at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	11	29	17	28	100.0%	0.62 [0.36, 1.09]
Total (95% CI)		**29**		**28**	**100.0%**	**0.62 [0.36, 1.09]**
Total events	11		17			

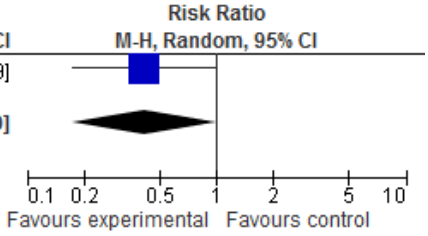
Heterogeneity: Not applicable
Test for overall effect: Z = 1.67 (P = 0.10)



Counselling Post-Treatment (service utilisation at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	5	23	12	23	100.0%	0.42 [0.17, 0.99]
Total (95% CI)		**23**		**23**	**100.0%**	**0.42 [0.17, 0.99]**
Total events	5		12			

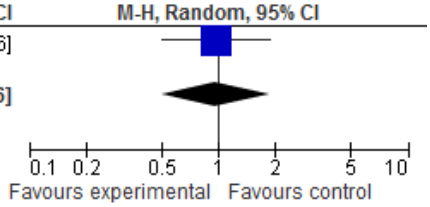
Heterogeneity: Not applicable
Test for overall effect: Z = 1.98 (P = 0.05)



Self-help support group Post-Treatment (service utilisation at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	11	29	11	28	100.0%	0.97 [0.50, 1.86]
Total (95% CI)		**29**		**28**	**100.0%**	**0.97 [0.50, 1.86]**
Total events	11		11			

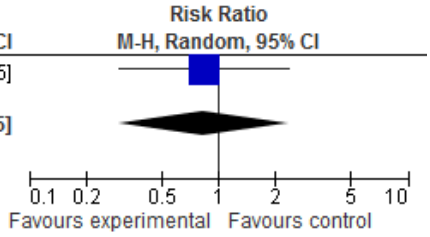
Heterogeneity: Not applicable
Test for overall effect: Z = 0.11 (P = 0.92)



Self-help support group Post-Treatment (service utilisation at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	5	23	6	23	100.0%	0.83 [0.30, 2.35]
Total (95% CI)		**23**		**23**	**100.0%**	**0.83 [0.30, 2.35]**
Total events	5		6			

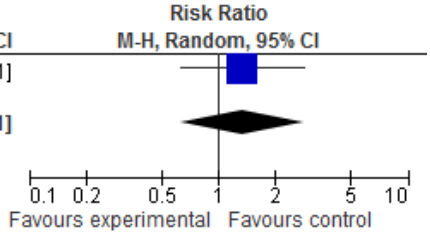
Heterogeneity: Not applicable
Test for overall effect: Z = 0.34 (P = 0.73)



Alternative therapies Post-Treatment (service utilisation at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	11	29	8	28	100.0%	1.33 [0.63, 2.81]
Total (95% CI)		**29**		**28**	**100.0%**	**1.33 [0.63, 2.81]**
Total events	11		8			

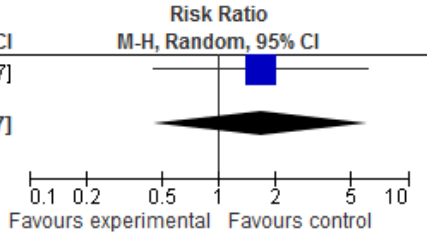
Heterogeneity: Not applicable
Test for overall effect: Z = 0.74 (P = 0.46)



Alternative therapies Post-Treatment (service utilisation at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MULCAHY2010	5	23	3	23	100.0%	1.67 [0.45, 6.17]
Total (95% CI)		**23**		**23**	**100.0%**	**1.67 [0.45, 6.17]**
Total events	5		3			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.76 (P = 0.44)

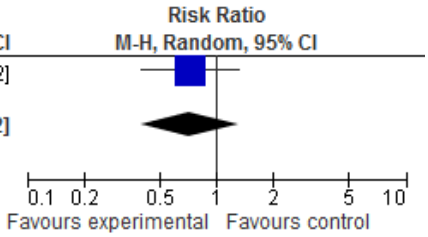


1.5.80 Service utilisation: Facilitated self-help versus TAU

Use of childbirth hospital Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	12	41	17	42	100.0%	0.72 [0.40, 1.32]
Total (95% CI)		**41**		**42**	**100.0%**	**0.72 [0.40, 1.32]**
Total events	12		17			

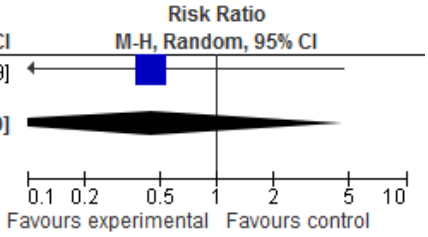
Heterogeneity: Not applicable
Test for overall effect: Z = 1.06 (P = 0.29)



Use of childbirth hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	1	30	2	27	100.0%	0.45 [0.04, 4.69]
Total (95% CI)		**30**		**27**	**100.0%**	**0.45 [0.04, 4.69]**
Total events	1		2			

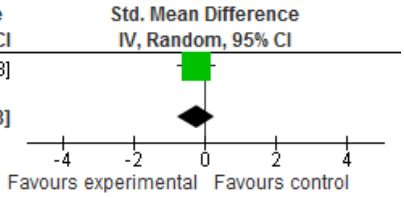
Heterogeneity: Not applicable
Test for overall effect: Z = 0.67 (P = 0.50)



Use of childbirth hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	0.1	0.62	30	0.64	3.11	27	100.0%	-0.24 [-0.77, 0.28]
Total (95% CI)			**30**			**27**	**100.0%**	**-0.24 [-0.77, 0.28]**

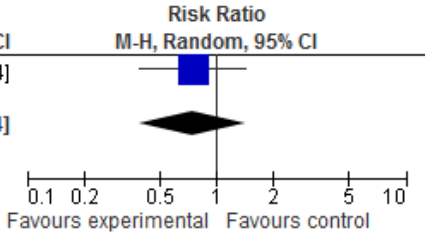
Heterogeneity: Not applicable
Test for overall effect: Z = 0.92 (P = 0.36)



Use of maternal general health hospital Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	11	41	15	42	100.0%	0.75 [0.39, 1.44]
Total (95% CI)		**41**		**42**	**100.0%**	**0.75 [0.39, 1.44]**
Total events	11		15			

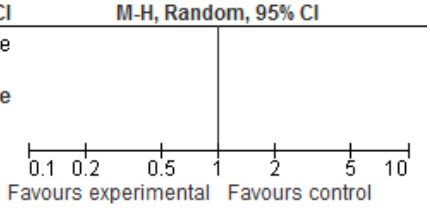
Heterogeneity: Not applicable
Test for overall effect: Z = 0.86 (P = 0.39)



Use of maternal general health hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	0	30	0	27		Not estimable
Total (95% CI)		**30**		**27**		**Not estimable**
Total events	0		0			

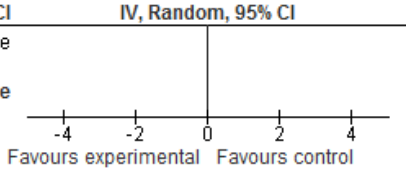
Heterogeneity: Not applicable
Test for overall effect: Not applicable



Use of maternal general health hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	0	0	30	0	0	27		Not estimable
Total (95% CI)			**30**			**27**		**Not estimable**

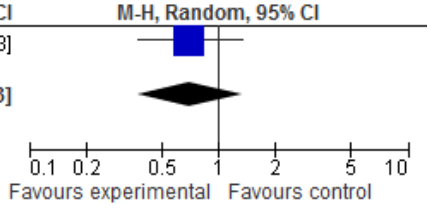
Heterogeneity: Not applicable
Test for overall effect: Not applicable



Use of mental health hospital Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	11	41	16	42	100.0%	0.70 [0.37, 1.33]
Total (95% CI)		**41**		**42**	**100.0%**	**0.70 [0.37, 1.33]**
Total events	11		16			

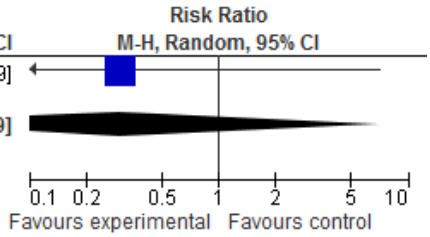
Heterogeneity: Not applicable
Test for overall effect: Z = 1.08 (P = 0.28)



Use of mental health hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	0	30	1	27	100.0%	0.30 [0.01, 7.09]
Total (95% CI)		**30**		**27**	**100.0%**	**0.30 [0.01, 7.09]**
Total events	0		1			

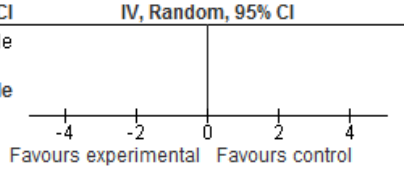
Heterogeneity: Not applicable
Test for overall effect: Z = 0.74 (P = 0.46)



Use of mental health hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	0	0	30	0.05	0.31	27		Not estimable
Total (95% CI)			**30**			**27**		**Not estimable**

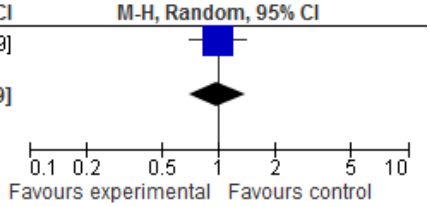
Heterogeneity: Not applicable
Test for overall effect: Not applicable



Use of mental health outpatient Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	25	41	26	42	100.0%	0.98 [0.70, 1.39]
Total (95% CI)		**41**		**42**	**100.0%**	**0.98 [0.70, 1.39]**
Total events	25		26			

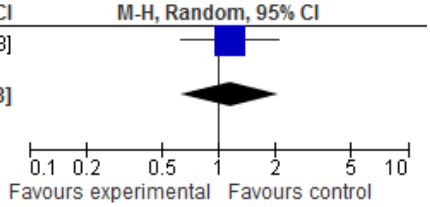
Heterogeneity: Not applicable
Test for overall effect: Z = 0.09 (P = 0.93)



Use of mental health outpatient Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	14	30	11	27	100.0%	1.15 [0.63, 2.08]
Total (95% CI)		**30**		**27**	**100.0%**	**1.15 [0.63, 2.08]**
Total events	14		11			

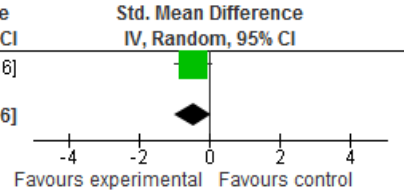
Heterogeneity: Not applicable
Test for overall effect: Z = 0.45 (P = 0.65)



Use of mental health outpatient Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	5.07	3.34	30	10.37	15.76	27	100.0%	-0.47 [-1.00, 0.06]
Total (95% CI)			**30**			**27**	**100.0%**	**-0.47 [-1.00, 0.06]**

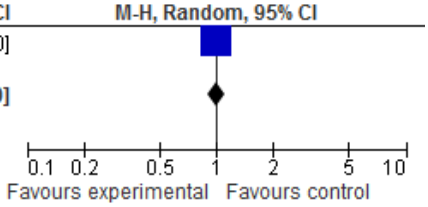
Heterogeneity: Not applicable
Test for overall effect: Z = 1.75 (P = 0.08)



Use of health community service Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	39	41	40	42	100.0%	1.00 [0.91, 1.10]
Total (95% CI)		**41**		**42**	**100.0%**	**1.00 [0.91, 1.10]**
Total events	39		40			

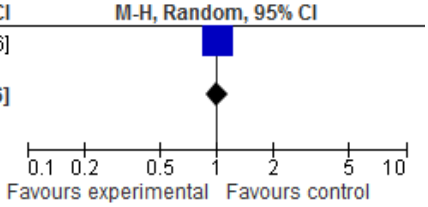
Heterogeneity: Not applicable
Test for overall effect: Z = 0.02 (P = 0.98)



Use of health community service Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	28	30	25	27	100.0%	1.01 [0.87, 1.16]
Total (95% CI)		**30**		**27**	**100.0%**	**1.01 [0.87, 1.16]**
Total events	28		25			

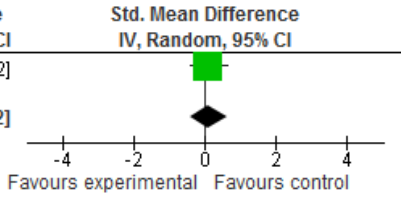
Heterogeneity: Not applicable
Test for overall effect: Z = 0.11 (P = 0.91)



Use of health community service Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	3.32	3.94	30	2.95	3.31	27	100.0%	0.10 [-0.42, 0.62]
Total (95% CI)			**30**			**27**	**100.0%**	**0.10 [-0.42, 0.62]**

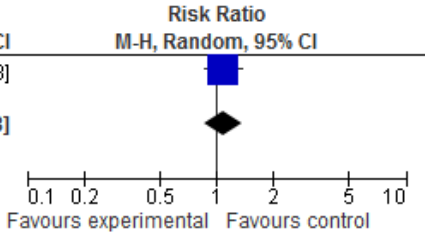
Heterogeneity: Not applicable
Test for overall effect: Z = 0.38 (P = 0.71)



Antidepressant medication Post-Treatment (medication use at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	33	41	31	42	100.0%	1.09 [0.86, 1.38]
Total (95% CI)		**41**		**42**	**100.0%**	**1.09 [0.86, 1.38]**
Total events	33		31			

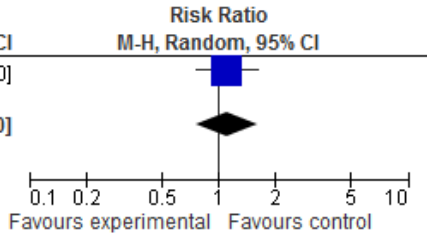
Heterogeneity: Not applicable
Test for overall effect: Z = 0.72 (P = 0.47)



Antidepressant medication Post-Treatment (medication use at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	19	27	19	30	100.0%	1.11 [0.77, 1.60]
Total (95% CI)		**27**		**30**	**100.0%**	**1.11 [0.77, 1.60]**
Total events	19		19			

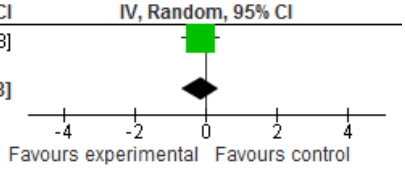
Heterogeneity: Not applicable
Test for overall effect: Z = 0.56 (P = 0.57)



Antidepressant medication Post-Treatment (medication use at endpoint) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	2.96	0.76	27	3.07	0.75	30	100.0%	-0.14 [-0.66, 0.38]
Total (95% CI)			**27**			**30**	**100.0%**	**-0.14 [-0.66, 0.38]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.54 (P = 0.59)

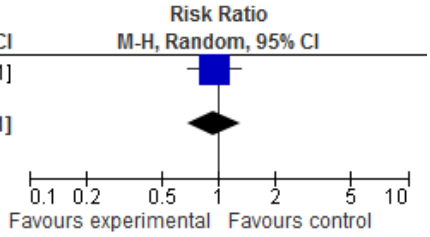


1.5.81 Service utilisation: Listening visits versus TAU

Use of maternal general health hospital Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	38	183	120	548	100.0%	0.95 [0.69, 1.31]
Total (95% CI)		**183**		**548**	**100.0%**	**0.95 [0.69, 1.31]**
Total events	38		120			

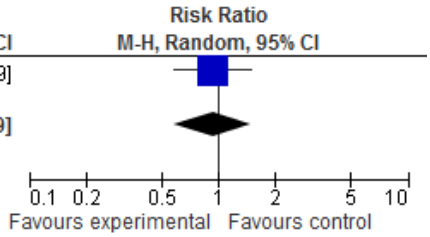
Heterogeneity: Not applicable
Test for overall effect: Z = 0.32 (P = 0.75)



Use of maternal general health hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	20	165	64	492	100.0%	0.93 [0.58, 1.49]
Total (95% CI)		**165**		**492**	**100.0%**	**0.93 [0.58, 1.49]**
Total events	20		64			

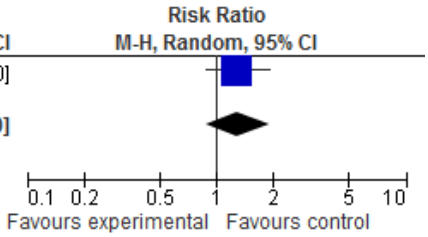
Heterogeneity: Not applicable
Test for overall effect: Z = 0.29 (P = 0.77)



Use of NHS health visitor Post-Treatment (service utilisation at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	31	183	72	548	100.0%	1.29 [0.88, 1.90]
Total (95% CI)		**183**		**548**	**100.0%**	**1.29 [0.88, 1.90]**
Total events	31		72			

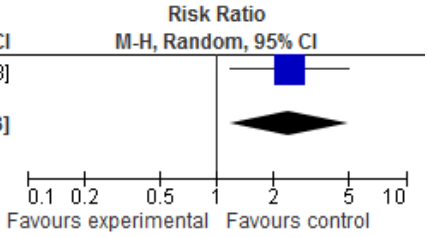
Heterogeneity: Not applicable
Test for overall effect: Z = 1.29 (P = 0.20)



Use of NHS health visitor Post-Treatment (service utilisation at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	13	165	16	492	100.0%	2.42 [1.19, 4.93]
Total (95% CI)		**165**		**492**	**100.0%**	**2.42 [1.19, 4.93]**
Total events	13		16			

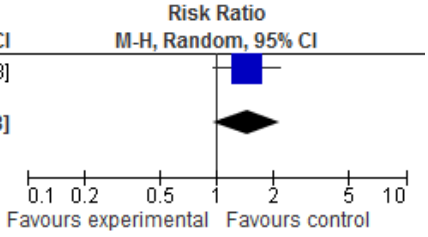
Heterogeneity: Not applicable
Test for overall effect: Z = 2.44 (P = 0.01)



Health visitor telephone contact Post-Treatment (service utilisation [in last month] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	29	183	60	548	100.0%	1.45 [0.96, 2.18]
Total (95% CI)		**183**		**548**	**100.0%**	**1.45 [0.96, 2.18]**
Total events	29		60			

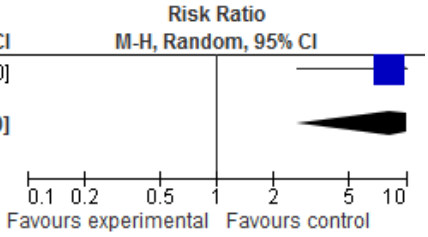
Heterogeneity: Not applicable
Test for overall effect: Z = 1.77 (P = 0.08)



Health visitor telephone contact Post-Treatment (service utilisation [in last month] at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	11	165	4	492	100.0%	8.20 [2.65, 25.40]
Total (95% CI)		**165**		**492**	**100.0%**	**8.20 [2.65, 25.40]**
Total events	11		4			

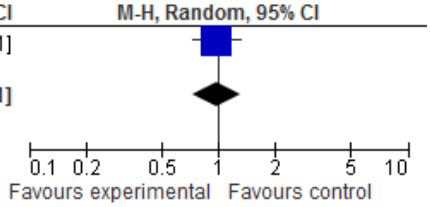
Heterogeneity: Not applicable
Test for overall effect: Z = 3.65 (P = 0.0003)



Maternal use of midwife Post-Treatment (service utilisation [in last month] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	44	183	135	548	100.0%	0.98 [0.73, 1.31]
Total (95% CI)		**183**		**548**	**100.0%**	**0.98 [0.73, 1.31]**
Total events	44		135			

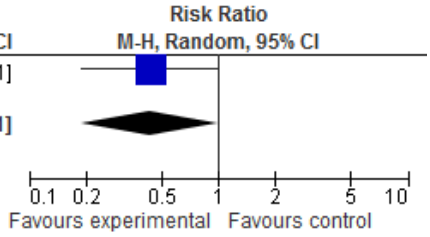
Heterogeneity: Not applicable
Test for overall effect: Z = 0.16 (P = 0.87)



Maternal use of midwife Post-Treatment (service utilisation [in last month] at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	6	145	43	456	100.0%	0.44 [0.19, 1.01]
Total (95% CI)		**145**		**456**	**100.0%**	**0.44 [0.19, 1.01]**
Total events	6		43			

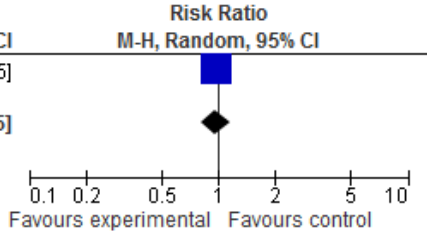
Heterogeneity: Not applicable
Test for overall effect: Z = 1.94 (P = 0.05)



Use of GP Post-Treatment (service utilisation [in last month] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	89	183	275	548	100.0%	0.97 [0.82, 1.15]
Total (95% CI)		**183**		**548**	**100.0%**	**0.97 [0.82, 1.15]**
Total events	89		275			

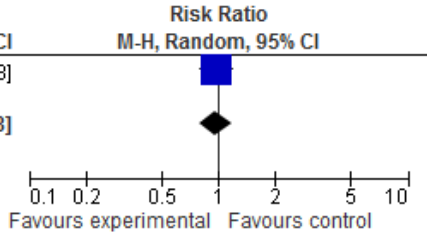
Heterogeneity: Not applicable
Test for overall effect: Z = 0.36 (P = 0.72)



Use of GP Post-Treatment (service utilisation [in last month] at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	71	165	219	492	100.0%	0.97 [0.79, 1.18]
Total (95% CI)		**165**		**492**	**100.0%**	**0.97 [0.79, 1.18]**
Total events	71		219			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.33 (P = 0.74)

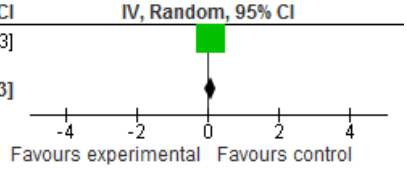


1.5.82 Service utilisation: Social support versus TAU

Health service use Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DENNIS2009/2010	4.97	1.62	297	4.85	1.52	315	100.0%	0.08 [-0.08, 0.23]
Total (95% CI)			**297**			**315**	**100.0%**	**0.08 [-0.08, 0.23]**

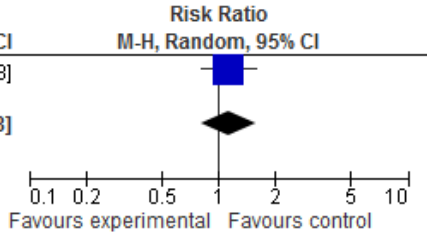
Heterogeneity: Not applicable
Test for overall effect: Z = 0.94 (P = 0.35)



Antidepressant medication Post-Treatment (medication use at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	63	349	56	352	100.0%	1.13 [0.82, 1.58]
Total (95% CI)		**349**		**352**	**100.0%**	**1.13 [0.82, 1.58]**
Total events	63		56			

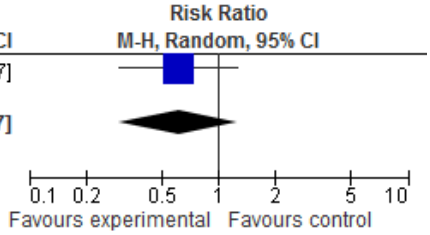
Heterogeneity: Not applicable
Test for overall effect: Z = 0.75 (P = 0.45)



Antidepressant medication Post-Treatment (medication use at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	11	297	19	315	100.0%	0.61 [0.30, 1.27]
Total (95% CI)		**297**		**315**	**100.0%**	**0.61 [0.30, 1.27]**
Total events	11		19			

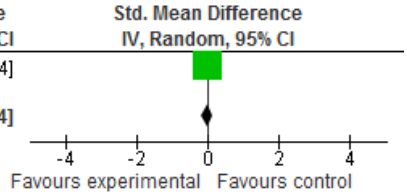
Heterogeneity: Not applicable
Test for overall effect: Z = 1.32 (P = 0.19)



Health service use Short follow-up (service utilisation at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DENNIS2009/2010	2.83	1.53	289	2.86	1.62	311	100.0%	-0.02 [-0.18, 0.14]
Total (95% CI)			**289**			**311**	**100.0%**	**-0.02 [-0.18, 0.14]**

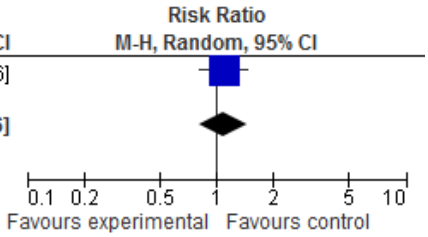
Heterogeneity: Not applicable
Test for overall effect: Z = 0.23 (P = 0.82)



Antidepressant medication Short follow-up (medication use at 9-16 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	76	349	70	352	100.0%	1.10 [0.82, 1.46]
Total (95% CI)		**349**		**352**	**100.0%**	**1.10 [0.82, 1.46]**
Total events	76		70			

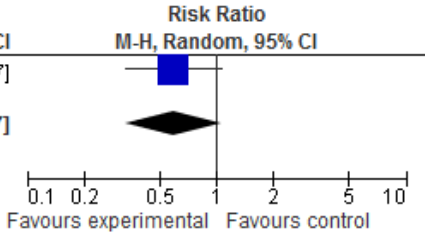
Heterogeneity: Not applicable
Test for overall effect: Z = 0.62 (P = 0.54)



Antidepressant medication Short follow-up (medication use at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DENNIS2009/2010	16	289	29	311	100.0%	0.59 [0.33, 1.07]
Total (95% CI)		**289**		**311**	**100.0%**	**0.59 [0.33, 1.07]**
Total events	16		29			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.73 (P = 0.08)

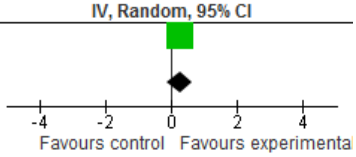


1.5.83 Experience of care: Mother-infant relationship interventions versus TAU/Enhanced TAU

Satisfaction with intervention Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	23.7	2.3	48	23.1	2.4	50	100.0%	0.25 [-0.14, 0.65]
Total (95% CI)			**48**			**50**	**100.0%**	**0.25 [-0.14, 0.65]**

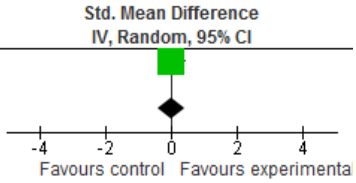
Heterogeneity: Not applicable
Test for overall effect: Z = 1.25 (P = 0.21)



Satisfaction with therapeutic alliance (empathetic) Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	9.4	0.9	48	9.4	0.8	50	100.0%	0.00 [-0.40, 0.40]
Total (95% CI)			**48**			**50**	**100.0%**	**0.00 [-0.40, 0.40]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.00 (P = 1.00)

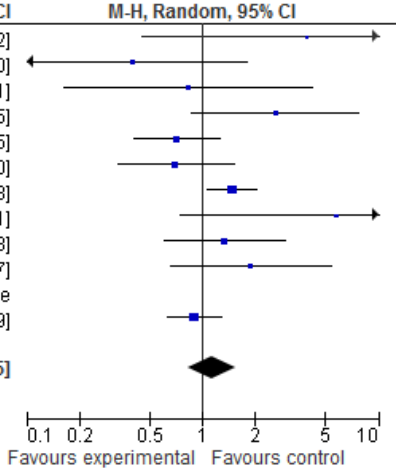


1.5.84 Attrition: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
AMMERMAN2013A/2013B	4	47	1	46	1.9%	3.91 [0.45, 33.72]
BURNS2013/PEARSON2013	2	18	5	18	3.7%	0.40 [0.09, 1.80]
CHO2008	2	12	3	15	3.3%	0.83 [0.16, 4.21]
COOPER2003/MURRAY2003	10	50	4	52	6.3%	2.60 [0.87, 7.75]
MILGROM2005	15	46	15	33	14.5%	0.72 [0.41, 1.25]
MILGROM2011B	11	45	8	23	10.4%	0.70 [0.33, 1.50]
MORRELL2009A/2009B/2011	73	215	44	191	21.2%	1.47 [1.07, 2.03]
MULCAHY2010	6	29	1	28	2.1%	5.79 [0.74, 45.11]
OHARA2000	12	60	9	60	9.9%	1.33 [0.61, 2.93]
OMAHEN2013B	9	30	4	25	6.6%	1.88 [0.66, 5.37]
PRENDERGAST2001	0	17	0	20		Not estimable
RAHMAN2008	51	463	54	440	20.0%	0.90 [0.63, 1.29]
Total (95% CI)		**1032**		**951**	**100.0%**	**1.14 [0.83, 1.55]**
Total events	195		148			

Heterogeneity: Tau² = 0.09; Chi² = 17.33, df = 10 (P = 0.07); I² = 42%
Test for overall effect: Z = 0.82 (P = 0.41)

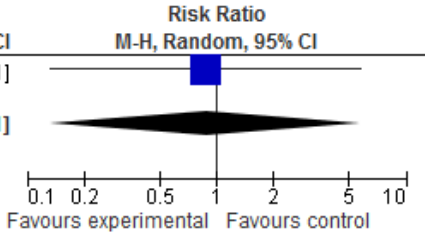


1.5.85 Attrition: CBT versus Relational Constructivist Therapy

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
PINHEIRO2014	2	32	2	28	100.0%	0.88 [0.13, 5.81]
Total (95% CI)		**32**		**28**	**100.0%**	**0.88 [0.13, 5.81]**
Total events	2		2			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.14 (P = 0.89)

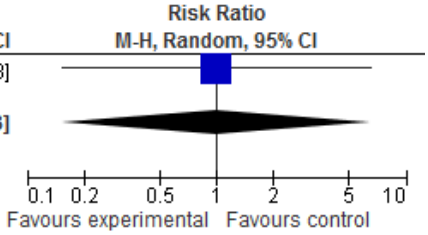


1.5.86 Attrition: IPT versus support group

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
FIELD2013C	2	24	2	24	100.0%	1.00 [0.15, 6.53]
Total (95% CI)		**24**		**24**	**100.0%**	**1.00 [0.15, 6.53]**
Total events	2		2			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.00 (P = 1.00)

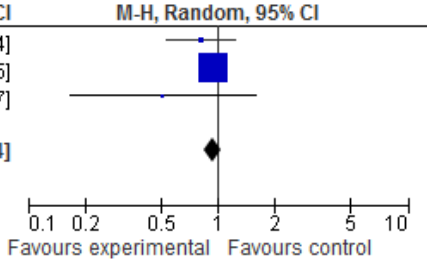


1.5.87 Attrition: Facilitated self-help versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2011A	24	71	30	72	5.3%	0.81 [0.53, 1.24]
OMAHEN2013A	281	462	286	448	93.9%	0.95 [0.86, 1.05]
OMAHEN2013C	4	41	8	42	0.8%	0.51 [0.17, 1.57]
Total (95% CI)		**574**		**562**	**100.0%**	**0.94 [0.85, 1.04]**
Total events	309		324			

Heterogeneity: Tau² = 0.00; Chi² = 1.71, df = 2 (P = 0.42); I² = 0%
Test for overall effect: Z = 1.23 (P = 0.22)

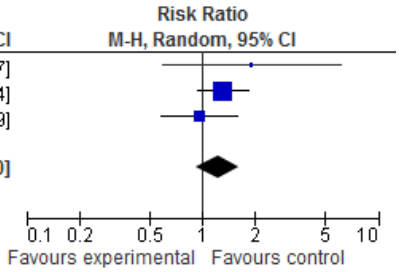


1.5.88 Attrition: Listening visits versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	7	48	4	52	5.5%	1.90 [0.59, 6.07]
MORRELL2009A/2009B/2011	57	189	44	191	65.2%	1.31 [0.93, 1.84]
WIGGINS2005	18	183	56	548	29.3%	0.96 [0.58, 1.59]
Total (95% CI)		**420**		**791**	**100.0%**	**1.22 [0.93, 1.60]**
Total events	82		104			

Heterogeneity: Tau² = 0.00; Chi² = 1.57, df = 2 (P = 0.46); I² = 0%
Test for overall effect: Z = 1.43 (P = 0.15)

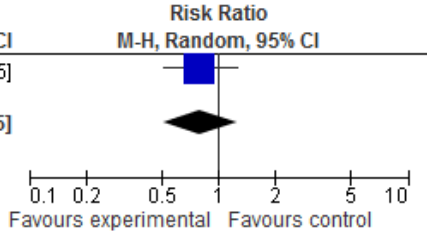


1.5.89 Attrition: Directive counselling versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MILGROM2005	41	113	15	33	100.0%	0.80 [0.51, 1.25]
Total (95% CI)		**113**		**33**	**100.0%**	**0.80 [0.51, 1.25]**
Total events	41		15			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.99 (P = 0.32)

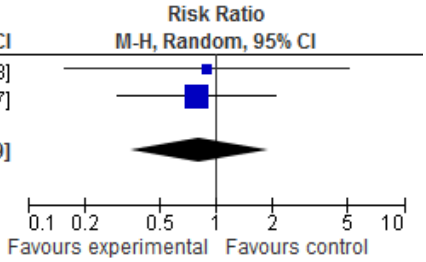


1.5.90 Attrition: Post-miscarriage counselling versus TAU/Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
NEUGEBAUER2006	2	10	2	9	23.4%	0.90 [0.16, 5.13]
NIKCEVIC2007	6	39	8	41	76.6%	0.79 [0.30, 2.07]
Total (95% CI)		**49**		**50**	**100.0%**	**0.81 [0.35, 1.89]**
Total events	8		10			

Heterogeneity: Tau² = 0.00; Chi² = 0.02, df = 1 (P = 0.90); I² = 0%
Test for overall effect: Z = 0.48 (P = 0.63)

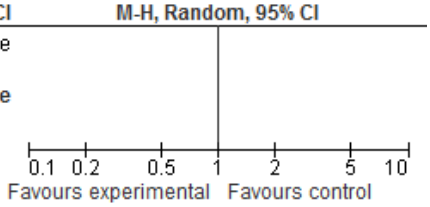


1.5.91 Attrition: Post-traumatic birth counselling versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GAMBLE2005	0	50	0	53		Not estimable
Total (95% CI)		**50**		**53**		**Not estimable**
Total events	0		0			

Heterogeneity: Not applicable
Test for overall effect: Not applicable

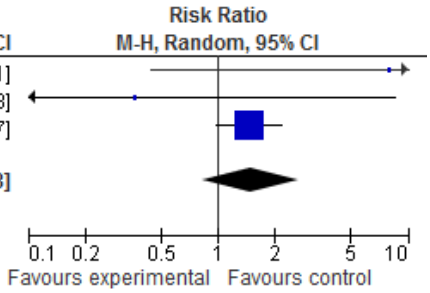


1.5.92 Attrition: Social support versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
CHEN2000	4	34	0	30	4.0%	7.97 [0.45, 142.21]
DENNIS2003	0	20	1	22	3.4%	0.37 [0.02, 8.48]
DENNIS2009/2010	52	349	36	352	92.6%	1.46 [0.98, 2.17]
Total (95% CI)		**403**		**404**	**100.0%**	**1.49 [0.83, 2.68]**
Total events	56		37			

Heterogeneity: Tau² = 0.06; Chi² = 2.09, df = 2 (P = 0.35); I² = 4%
Test for overall effect: Z = 1.33 (P = 0.18)

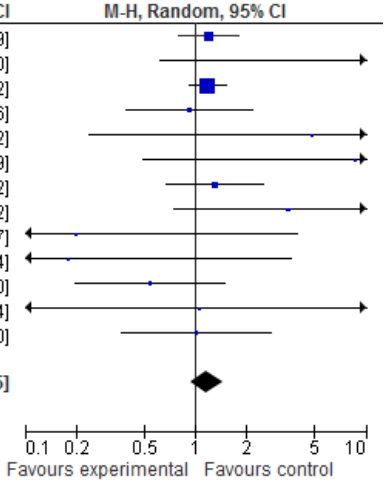


1.5.93 Attrition: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
AUSTIN2008	61	191	23	86	23.2%	1.19 [0.80, 1.79]
BERNARD2011	6	31	0	25	0.6%	10.56 [0.62, 178.90]
ELMOHANDES2008	102	452	88	461	47.4%	1.18 [0.92, 1.52]
GAO2010/2012	9	96	10	98	6.0%	0.92 [0.39, 2.16]
HAGAN2004	2	101	0	98	0.5%	4.85 [0.24, 99.82]
HONEY2002	4	23	0	22	0.6%	8.63 [0.49, 151.39]
LE2011	18	112	13	105	9.7%	1.30 [0.67, 2.52]
LEUNG2012	7	78	2	78	1.9%	3.50 [0.75, 16.32]
SILVERSTEIN2011	0	25	2	25	0.5%	0.20 [0.01, 3.97]
TANDON2011/2014/MENDELSON	0	32	2	29	0.5%	0.18 [0.01, 3.64]
TIMPANO2011	5	38	8	33	4.3%	0.54 [0.20, 1.50]
ZLOTNICK2001	1	18	1	19	0.6%	1.06 [0.07, 15.64]
ZLOTNICK2006	7	53	6	46	4.3%	1.01 [0.37, 2.80]
Total (95% CI)		**1250**		**1125**	**100.0%**	**1.17 [0.94, 1.45]**
Total events	222		155			

Heterogeneity: Tau² = 0.01; Chi² = 12.58, df = 12 (P = 0.40); I² = 5%
Test for overall effect: Z = 1.43 (P = 0.15)

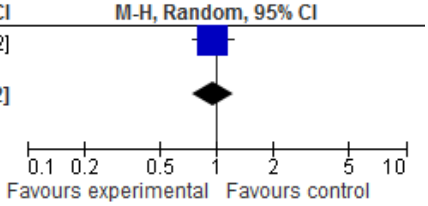


1.5.94 Attrition: Non-mental health-focused education and support versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
KAAYA2013	71	168	72	163	100.0%	0.96 [0.75, 1.22]
Total (95% CI)		**168**		**163**	**100.0%**	**0.96 [0.75, 1.22]**
Total events	71		72			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.35 (P = 0.73)

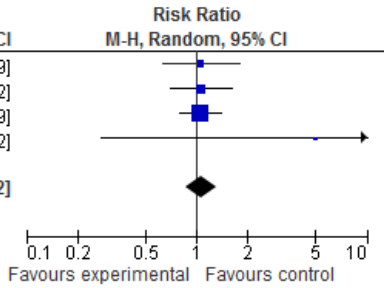


1.5.95 Attrition: Home visits versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARMSTRONG1999/2000/FRASER	22	90	21	91	16.4%	1.06 [0.63, 1.79]
DUGRAVIER2013/GUEDENEY201	38	222	35	218	25.4%	1.07 [0.70, 1.62]
ROMAN2009	77	307	73	306	57.7%	1.05 [0.80, 1.39]
TAMAKI2008	2	9	0	9	0.5%	5.00 [0.27, 91.52]
Total (95% CI)		**628**		**624**	**100.0%**	**1.07 [0.86, 1.32]**
Total events	139		129			

Heterogeneity: Tau² = 0.00; Chi² = 1.10, df = 3 (P = 0.78); I² = 0%
Test for overall effect: Z = 0.59 (P = 0.56)

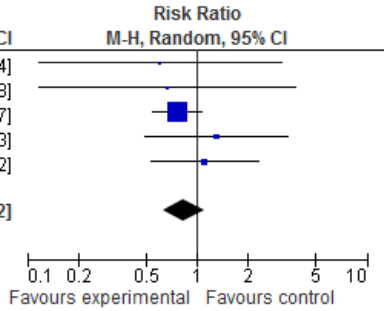


1.5.96 Attrition: Mother-infant relationship interventions versus TAU/Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
COOPER2003/MURRAY2003	2	43	4	52	3.0%	0.60 [0.12, 3.14]
SALOMONSSON2011	2	40	3	40	2.7%	0.67 [0.12, 3.78]
SLEED2013	34	96	46	99	70.2%	0.76 [0.54, 1.07]
VANDOESUM2008/KERSTENALVA	8	43	6	42	8.8%	1.30 [0.49, 3.43]
ZELKOWITZ2008/2011/FEELEY	12	60	11	61	15.2%	1.11 [0.53, 2.32]
Total (95% CI)		**282**		**294**	**100.0%**	**0.84 [0.63, 1.12]**
Total events	58		70			

Heterogeneity: Tau² = 0.00; Chi² = 1.88, df = 4 (P = 0.76); I² = 0%
Test for overall effect: Z = 1.21 (P = 0.22)

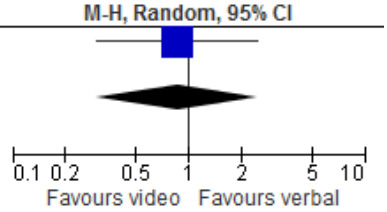


1.5.97 Attrition: Mother-infant relationship intervention with video feedback versus mother-infant relationship intervention with verbal feedback

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BILSZTA2012	5	25	6	26	100.0%	0.87 [0.30, 2.48]
Total (95% CI)		**25**		**26**	**100.0%**	**0.87 [0.30, 2.48]**
Total events	5		6			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.27 (P = 0.79)

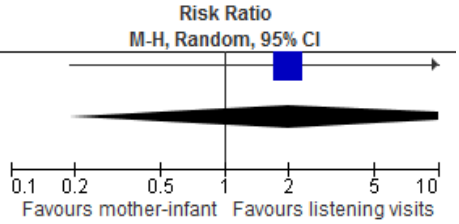


1.5.98 Attrition: Mother-infant relationship intervention (and guided self-help) versus listening visits (and guided self-help)

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
STEIN2006	2	40	1	40	100.0%	2.00 [0.19, 21.18]
Total (95% CI)		**40**		**40**	**100.0%**	**2.00 [0.19, 21.18]**
Total events	2		1			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.58 (P = 0.56)

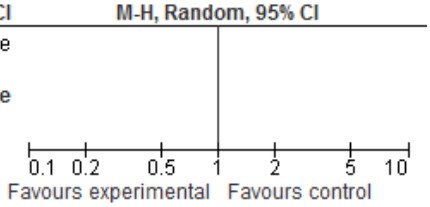


1.5.99 Attrition: Co-parenting intervention versus Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MISRI2000	0	16	0	13		Not estimable
Total (95% CI)		**16**		**13**		**Not estimable**
Total events	0		0			

Heterogeneity: Not applicable
Test for overall effect: Not applicable

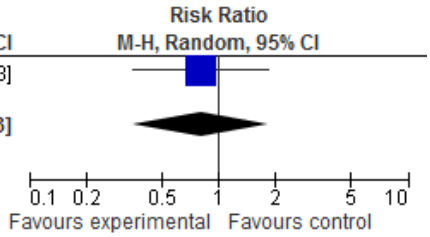


1.5.100 Attrition: Music therapy during birth versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SIMAVLI2014	9	71	11	70	100.0%	0.81 [0.36, 1.83]
Total (95% CI)		**71**		**70**	**100.0%**	**0.81 [0.36, 1.83]**
Total events	9		11			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.52 (P = 0.61)

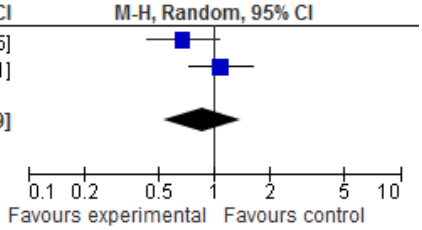


1.5.101 Attrition: Psychosomatic intervention versus TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ORTIZCOLLADO2014	23	92	34	92	47.6%	0.68 [0.43, 1.05]
WEIDNER2010	25	46	23	46	52.4%	1.09 [0.73, 1.61]
Total (95% CI)		**138**		**138**	**100.0%**	**0.87 [0.54, 1.39]**
Total events	48		57			

Heterogeneity: Tau² = 0.07; Chi² = 2.57, df = 1 (P = 0.11); I² = 61%
Test for overall effect: Z = 0.59 (P = 0.56)

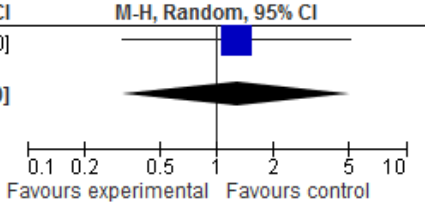


1.5.102 Attrition: Mindfulness training versus Enhanced TAU

Drop-out

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GUARDINO2014	4	24	3	23	100.0%	1.28 [0.32, 5.10]
Total (95% CI)		**24**		**23**	**100.0%**	**1.28 [0.32, 5.10]**
Total events	4		3			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.35 (P = 0.73)

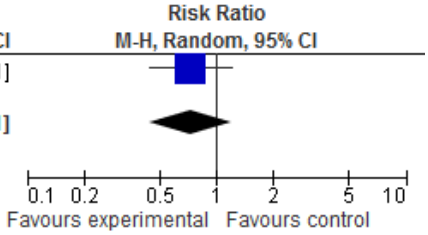


1.5.103 Infant service use: Facilitated self-help versus TAU

Infant hospital Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	15	41	21	42	100.0%	0.73 [0.44, 1.21]
Total (95% CI)		**41**		**42**	**100.0%**	**0.73 [0.44, 1.21]**
Total events	15		21			

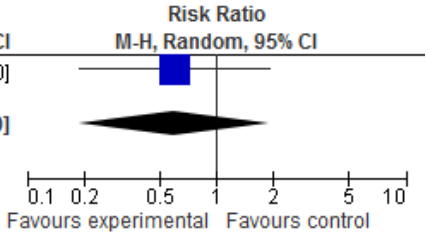
Heterogeneity: Not applicable
Test for overall effect: Z = 1.22 (P = 0.22)



Infant hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
OMAHEN2013C	4	30	6	27	100.0%	0.60 [0.19, 1.90]
Total (95% CI)		**30**		**27**	**100.0%**	**0.60 [0.19, 1.90]**
Total events	4		6			

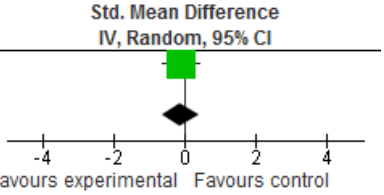
Heterogeneity: Not applicable
Test for overall effect: Z = 0.87 (P = 0.39)



Infant hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
OMAHEN2013C	0.24	0.99	30	0.38	1.35	27	100.0%	-0.12 [-0.64, 0.40]
Total (95% CI)			**30**			**27**	**100.0%**	**-0.12 [-0.64, 0.40]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.44 (P = 0.66)

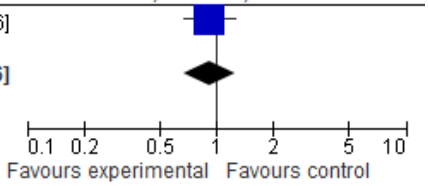


1.5.104 Infant service use: Listening visits versus TAU

Infant hospital Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	40	183	130	548	100.0%	0.92 [0.67, 1.26]
Total (95% CI)		**183**		**548**	**100.0%**	**0.92 [0.67, 1.26]**
Total events	40		130			

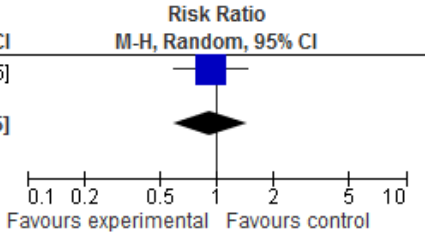
Heterogeneity: Not applicable
Test for overall effect: Z = 0.51 (P = 0.61)



Infant hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	22	165	70	488	100.0%	0.93 [0.60, 1.45]
Total (95% CI)		**165**		**488**	**100.0%**	**0.93 [0.60, 1.45]**
Total events	22		70			

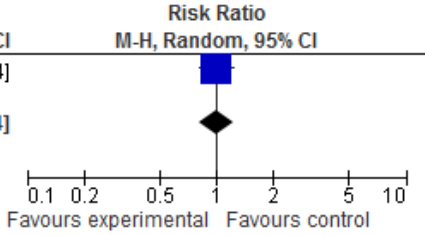
Heterogeneity: Not applicable
Test for overall effect: Z = 0.32 (P = 0.75)



Visit to A&E Post-Treatment (service utilisation measured at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	70	183	209	548	100.0%	1.00 [0.81, 1.24]
Total (95% CI)		**183**		**548**	**100.0%**	**1.00 [0.81, 1.24]**
Total events	70		209			

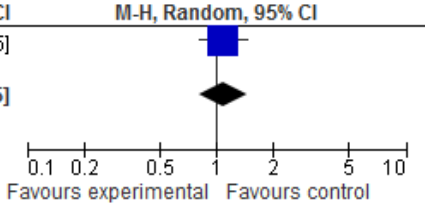
Heterogeneity: Not applicable
Test for overall effect: Z = 0.03 (P = 0.98)



Visit to A&E Post-Treatment (service utilisation measured at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	46	159	123	462	100.0%	1.09 [0.82, 1.45]
Total (95% CI)		**159**		**462**	**100.0%**	**1.09 [0.82, 1.45]**
Total events	46		123			

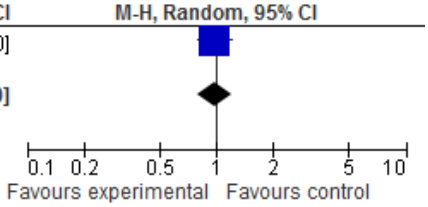
Heterogeneity: Not applicable
Test for overall effect: Z = 0.57 (P = 0.57)



Visit to NHS health visitor at clinic Post-Treatment (service utilisation [in past month] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	70	183	215	548	100.0%	0.97 [0.79, 1.20]
Total (95% CI)		**183**		**548**	**100.0%**	**0.97 [0.79, 1.20]**
Total events	70		215			

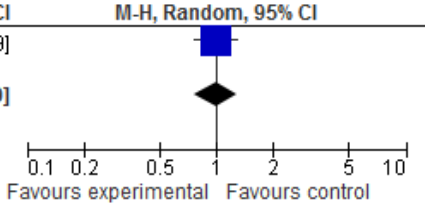
Heterogeneity: Not applicable
Test for overall effect: Z = 0.23 (P = 0.81)



Visit to NHS health visitor at clinic Post-Treatment (service utilisation [in past month] at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	52	165	155	488	100.0%	0.99 [0.77, 1.29]
Total (95% CI)		**165**		**488**	**100.0%**	**0.99 [0.77, 1.29]**
Total events	52		155			

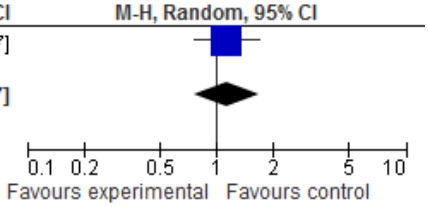
Heterogeneity: Not applicable
Test for overall effect: Z = 0.06 (P = 0.95)



Visit from NHS health visitor at home Post-Treatment (service utilisation [in past month] at endpoint) - by intervention

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	29	183	77	548	100.0%	1.13 [0.76, 1.67]
Total (95% CI)		**183**		**548**	**100.0%**	**1.13 [0.76, 1.67]**
Total events	29		77			

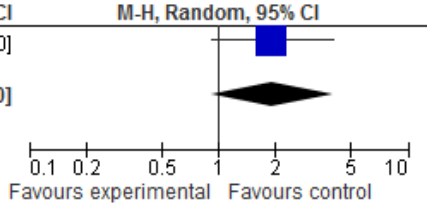
Heterogeneity: Not applicable
Test for overall effect: Z = 0.60 (P = 0.55)



Visit from NHS health visitor at home Post-Treatment (service utilisation [in past month] at endpoint) - by intervention

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	11	165	17	488	100.0%	1.91 [0.92, 4.00]
Total (95% CI)		**165**		**488**	**100.0%**	**1.91 [0.92, 4.00]**
Total events	11		17			

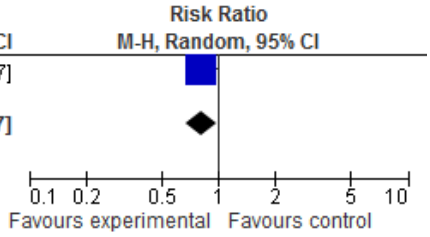
Heterogeneity: Not applicable
Test for overall effect: Z = 1.72 (P = 0.08)



Visit to GP Post-Treatment (service utilisation [in past month] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	81	183	299	548	100.0%	0.81 [0.68, 0.97]
Total (95% CI)		**183**		**548**	**100.0%**	**0.81 [0.68, 0.97]**
Total events	81		299			

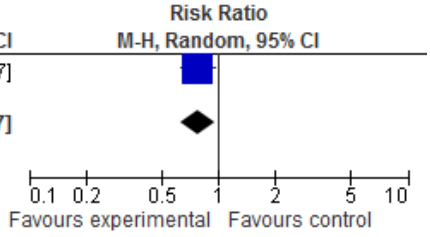
Heterogeneity: Not applicable
Test for overall effect: Z = 2.28 (P = 0.02)



Visit to GP Post-Treatment (service utilisation [in past month] at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	63	165	239	488	100.0%	0.78 [0.63, 0.97]
Total (95% CI)		**165**		**488**	**100.0%**	**0.78 [0.63, 0.97]**
Total events	63		239			

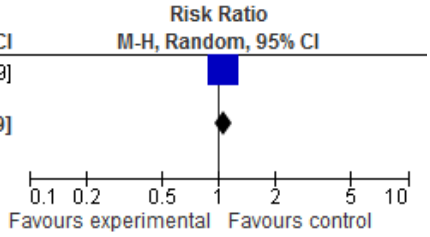
Heterogeneity: Not applicable
Test for overall effect: Z = 2.28 (P = 0.02)



Any medication Post-Treatment (medication use [in past week] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	130	183	366	548	100.0%	1.06 [0.95, 1.19]
Total (95% CI)		**183**		**548**	**100.0%**	**1.06 [0.95, 1.19]**
Total events	130		366			

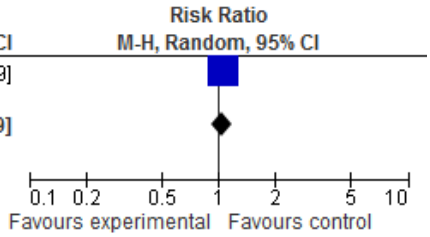
Heterogeneity: Not applicable
Test for overall effect: Z = 1.10 (P = 0.27)



Any medication Post-Treatment (past medication use measured at endpoint) - by intervention

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	109	165	310	492	100.0%	1.05 [0.92, 1.19]
Total (95% CI)		**165**		**492**	**100.0%**	**1.05 [0.92, 1.19]**
Total events	109		310			

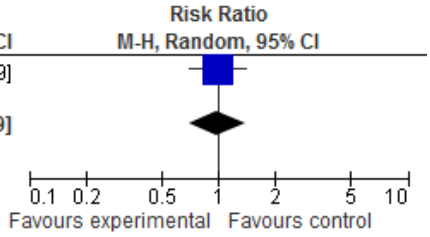
Heterogeneity: Not applicable
Test for overall effect: Z = 0.72 (P = 0.47)



Antibiotics Post-Treatment (medication use [in past week] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	35	183	106	548	100.0%	0.99 [0.70, 1.39]
Total (95% CI)		**183**		**548**	**100.0%**	**0.99 [0.70, 1.39]**
Total events	35		106			

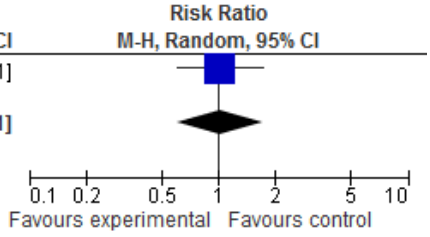
Heterogeneity: Not applicable
Test for overall effect: Z = 0.06 (P = 0.95)



Antibiotics Post-Treatment (medication use [in past week] at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	17	165	50	492	100.0%	1.01 [0.60, 1.71]
Total (95% CI)		**165**		**492**	**100.0%**	**1.01 [0.60, 1.71]**
Total events	17		50			

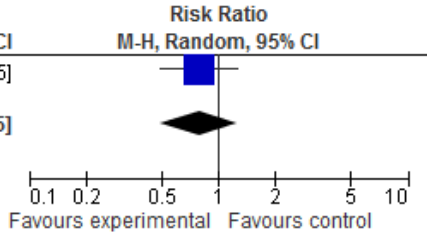
Heterogeneity: Not applicable
Test for overall effect: Z = 0.05 (P = 0.96)



Asthma medication Post-Treatment (medication use [in past week] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	20	183	76	548	100.0%	0.79 [0.50, 1.25]
Total (95% CI)		**183**		**548**	**100.0%**	**0.79 [0.50, 1.25]**
Total events	20		76			

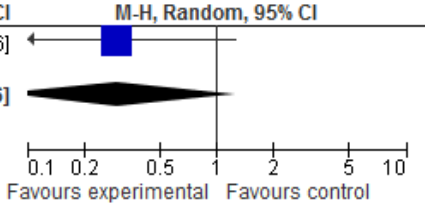
Heterogeneity: Not applicable
Test for overall effect: Z = 1.01 (P = 0.31)



Asthma medication Post-Treatment (medication use [in past week] at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	2	165	20	492	100.0%	0.30 [0.07, 1.26]
Total (95% CI)		**165**		**492**	**100.0%**	**0.30 [0.07, 1.26]**
Total events	2		20			

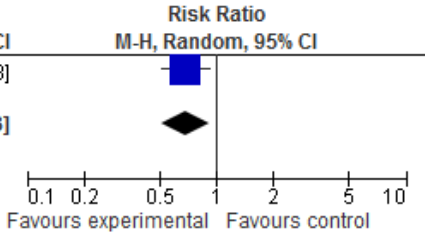
Heterogeneity: Not applicable
Test for overall effect: Z = 1.64 (P = 0.10)



Skin ointment Post-Treatment (medication use [in past week] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	41	183	178	548	100.0%	0.69 [0.51, 0.93]
Total (95% CI)		**183**		**548**	**100.0%**	**0.69 [0.51, 0.93]**
Total events	41		178			

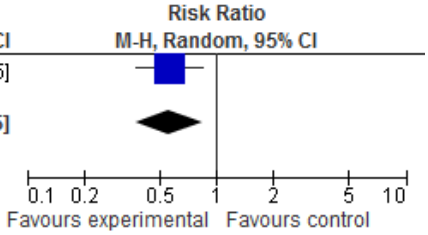
Heterogeneity: Not applicable
Test for overall effect: Z = 2.46 (P = 0.01)



Skin ointment Post-Treatment (medication use [in past week] at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	23	165	122	492	100.0%	0.56 [0.37, 0.85]
Total (95% CI)		**165**		**492**	**100.0%**	**0.56 [0.37, 0.85]**
Total events	23		122			

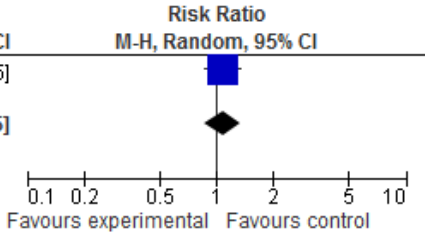
Heterogeneity: Not applicable
Test for overall effect: Z = 2.76 (P = 0.006)



Visit to A&E Long follow-up (service utilisation [in past month] at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	67	183	186	548	100.0%	1.08 [0.86, 1.35]
Total (95% CI)		**183**		**548**	**100.0%**	**1.08 [0.86, 1.35]**
Total events	67		186			

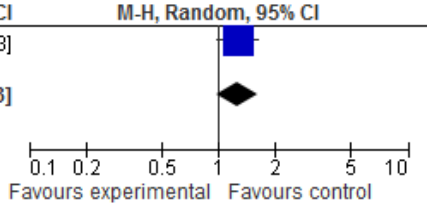
Heterogeneity: Not applicable
Test for overall effect: Z = 0.66 (P = 0.51)



Visit to A&E Long follow-up (service utilisation [in past month] at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	61	183	144	548	100.0%	1.27 [0.99, 1.63]
Total (95% CI)		**183**		**548**	**100.0%**	**1.27 [0.99, 1.63]**
Total events	61		144			

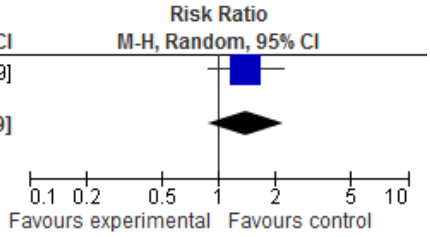
Heterogeneity: Not applicable
Test for overall effect: Z = 1.88 (P = 0.06)



Visit to NHS health visitor at clinic Long follow-up (service utilisation [in past month] at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	23	145	52	456	100.0%	1.39 [0.88, 2.19]
Total (95% CI)		**145**		**456**	**100.0%**	**1.39 [0.88, 2.19]**
Total events	23		52			

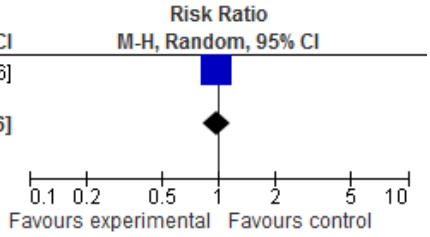
Heterogeneity: Not applicable
Test for overall effect: Z = 1.43 (P = 0.15)



Visit to GP Long follow-up (service utilisation [in past month] at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	91	183	277	548	100.0%	0.98 [0.83, 1.16]
Total (95% CI)		**183**		**548**	**100.0%**	**0.98 [0.83, 1.16]**
Total events	91		277			

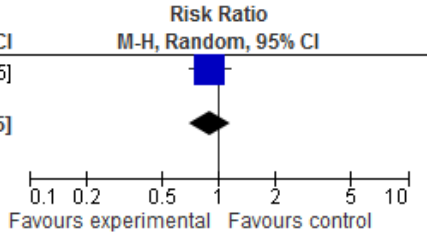
Heterogeneity: Not applicable
Test for overall effect: Z = 0.19 (P = 0.85)



Visit to GP Long follow-up (service utilisation [in past month] at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	53	145	185	456	100.0%	0.90 [0.71, 1.15]
Total (95% CI)		**145**		**456**	**100.0%**	**0.90 [0.71, 1.15]**
Total events	53		185			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.85 (P = 0.40)

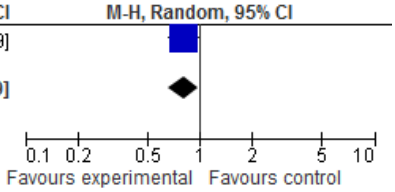


1.5.105 Infant service use: Home visits versus TAU

Infant hospital Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	83	179	106	185	100.0%	0.81 [0.66, 0.99]
Total (95% CI)		**179**		**185**	**100.0%**	**0.81 [0.66, 0.99]**
Total events	83		106			

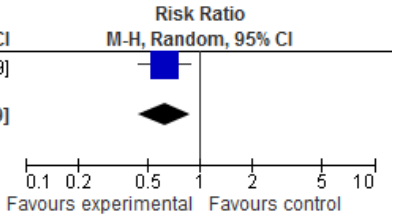
Heterogeneity: Not applicable
Test for overall effect: Z = 2.07 (P = 0.04)



Infant hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	35	131	58	137	100.0%	0.63 [0.45, 0.89]
Total (95% CI)		**131**		**137**	**100.0%**	**0.63 [0.45, 0.89]**
Total events	35		58			

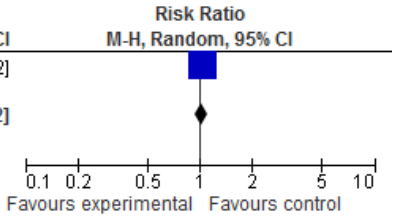
Heterogeneity: Not applicable
Test for overall effect: Z = 2.62 (P = 0.009)



Visit to A&E Post-Treatment (service utilisation measured at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	154	179	155	185	100.0%	1.03 [0.94, 1.12]
Total (95% CI)		**179**		**185**	**100.0%**	**1.03 [0.94, 1.12]**
Total events	154		155			

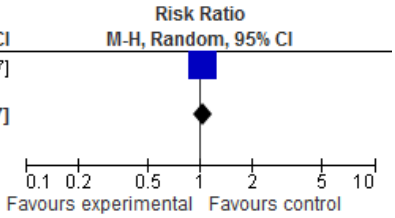
Heterogeneity: Not applicable
Test for overall effect: Z = 0.60 (P = 0.55)



Visit to A&E Post-Treatment (service utilisation measured at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	106	131	107	137	100.0%	1.04 [0.92, 1.17]
Total (95% CI)		**131**		**137**	**100.0%**	**1.04 [0.92, 1.17]**
Total events	106		107			

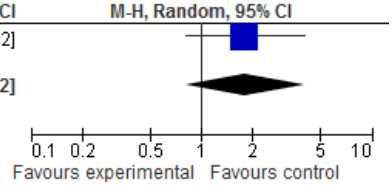
Heterogeneity: Not applicable
Test for overall effect: Z = 0.57 (P = 0.57)



Any medication Post-Treatment (past medication use measured at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARMSTRONG1999/2000/FRASER	14	68	8	70	100.0%	1.80 [0.81, 4.02]
Total (95% CI)		**68**		**70**	**100.0%**	**1.80 [0.81, 4.02]**
Total events	14		8			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.44 (P = 0.15)

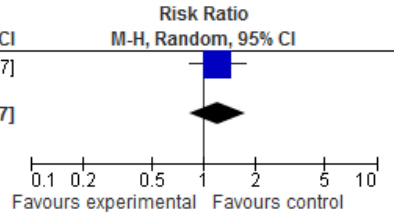


1.5.106 Infant service use: Mother-infant relationship interventions versus TAU/Enhanced TAU

Infant hospital Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	31	60	26	61	100.0%	1.21 [0.83, 1.77]
Total (95% CI)		**60**		**61**	**100.0%**	**1.21 [0.83, 1.77]**
Total events	31		26			

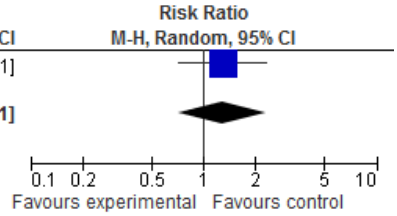
Heterogeneity: Not applicable
Test for overall effect: Z = 0.99 (P = 0.32)



Infant hospital Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	17	46	14	49	100.0%	1.29 [0.72, 2.31]
Total (95% CI)		**46**		**49**	**100.0%**	**1.29 [0.72, 2.31]**
Total events	17		14			

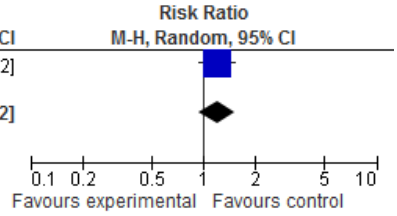
Heterogeneity: Not applicable
Test for overall effect: Z = 0.87 (P = 0.39)



Contact with specialized healthcare services Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	46	60	39	61	100.0%	1.20 [0.95, 1.52]
Total (95% CI)		**60**		**61**	**100.0%**	**1.20 [0.95, 1.52]**
Total events	46		39			

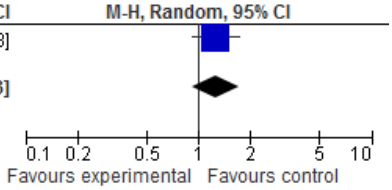
Heterogeneity: Not applicable
Test for overall effect: Z = 1.52 (P = 0.13)



Contact with specialized healthcare services Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	32	46	27	49	100.0%	1.26 [0.92, 1.73]
Total (95% CI)		**46**		**49**	**100.0%**	**1.26 [0.92, 1.73]**
Total events	32		27			

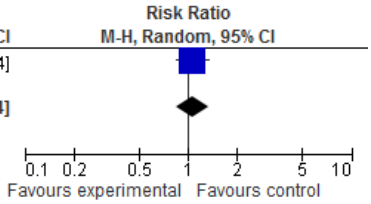
Heterogeneity: Not applicable
Test for overall effect: Z = 1.44 (P = 0.15)



Contact with developmental/rehabilitation specialist Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Favours experimental Events	Favours experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	44	60	42	61	100.0%	1.07 [0.85, 1.34]
Total (95% CI)		**60**		**61**	**100.0%**	**1.07 [0.85, 1.34]**
Total events	44		42			

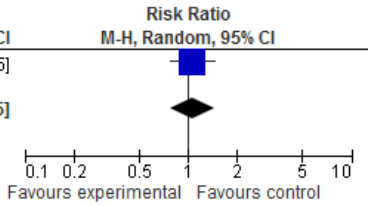
Heterogeneity: Not applicable
Test for overall effect: Z = 0.54 (P = 0.59)



Contact with developmental/rehabilitation specialist Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Favours experimental Events	Favours experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	30	46	30	49	100.0%	1.07 [0.78, 1.45]
Total (95% CI)		**46**		**49**	**100.0%**	**1.07 [0.78, 1.45]**
Total events	30		30			

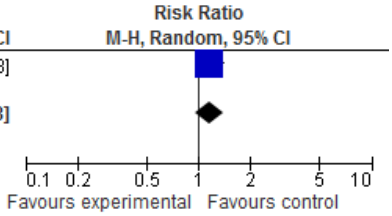
Heterogeneity: Not applicable
Test for overall effect: Z = 0.40 (P = 0.69)



Any medication Post-Treatment (medication use [in past week] at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	51	60	45	61	100.0%	1.15 [0.96, 1.38]
Total (95% CI)		**60**		**61**	**100.0%**	**1.15 [0.96, 1.38]**
Total events	51		45			

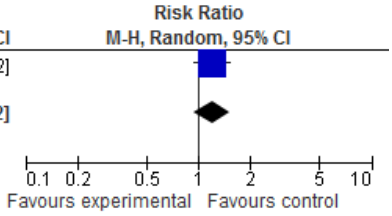
Heterogeneity: Not applicable
Test for overall effect: Z = 1.51 (P = 0.13)



Any medication Post-Treatment (past medication use measured at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	37	46	33	49	100.0%	1.19 [0.94, 1.52]
Total (95% CI)		**46**		**49**	**100.0%**	**1.19 [0.94, 1.52]**
Total events	37		33			

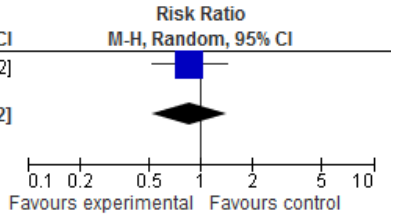
Heterogeneity: Not applicable
Test for overall effect: Z = 1.44 (P = 0.15)



Surgery Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	20	60	19	49	100.0%	0.86 [0.52, 1.42]
Total (95% CI)		**60**		**49**	**100.0%**	**0.86 [0.52, 1.42]**
Total events	20		19			

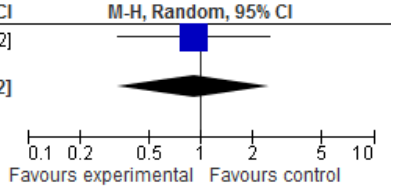
Heterogeneity: Not applicable
Test for overall effect: Z = 0.59 (P = 0.55)



Surgery Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	6	46	7	49	100.0%	0.91 [0.33, 2.52]
Total (95% CI)		**46**		**49**	**100.0%**	**0.91 [0.33, 2.52]**
Total events	6		7			

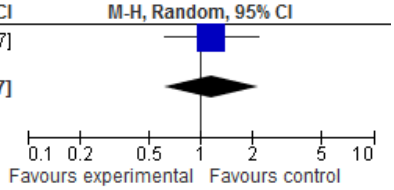
Heterogeneity: Not applicable
Test for overall effect: Z = 0.18 (P = 0.86)



Oxygen therapy Post-Treatment (service utilisation at endpoint) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	16	60	14	61	100.0%	1.16 [0.62, 2.17]
Total (95% CI)		**60**		**61**	**100.0%**	**1.16 [0.62, 2.17]**
Total events	16		14			

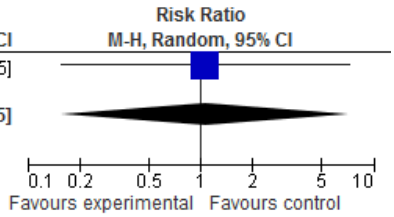
Heterogeneity: Not applicable
Test for overall effect: Z = 0.47 (P = 0.64)



Oxygen therapy Post-Treatment (service utilisation at endpoint) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	2	46	2	49	100.0%	1.07 [0.16, 7.25]
Total (95% CI)		**46**		**49**	**100.0%**	**1.07 [0.16, 7.25]**
Total events	2		2			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.06 (P = 0.95)

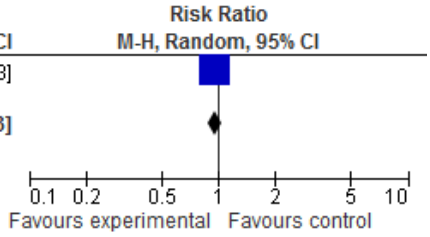


1.5.107 Infant physical health: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU

Underweight Post-treatment (underweight at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	318	463	318	440	100.0%	0.95 [0.87, 1.03]
Total (95% CI)		**463**		**440**	**100.0%**	**0.95 [0.87, 1.03]**
Total events	318		318			

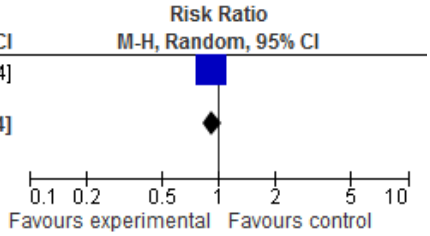
Heterogeneity: Not applicable
Test for overall effect: Z = 1.18 (P = 0.24)



Underweight Post-treatment (underweight at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	215	360	223	345	100.0%	0.92 [0.82, 1.04]
Total (95% CI)		**360**		**345**	**100.0%**	**0.92 [0.82, 1.04]**
Total events	215		223			

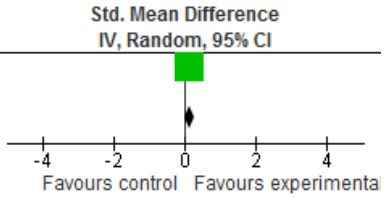
Heterogeneity: Not applicable
Test for overall effect: Z = 1.34 (P = 0.18)



Weight-for-age Post-treatment (mean z score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
RAHMAN2008	-2.03	1.01	360	-2.16	1.03	345	100.0%	0.13 [-0.02, 0.28]
Total (95% CI)			**360**			**345**	**100.0%**	**0.13 [-0.02, 0.28]**

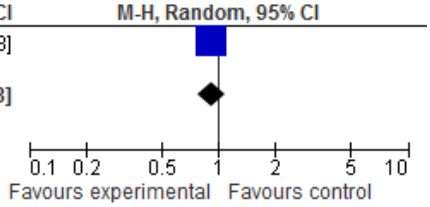
Heterogeneity: Not applicable
Test for overall effect: Z = 1.69 (P = 0.09)



Stunted height Post-treatment (short-for-age at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	169	463	176	440	100.0%	0.91 [0.77, 1.08]
Total (95% CI)		**463**		**440**	**100.0%**	**0.91 [0.77, 1.08]**
Total events	169		176			

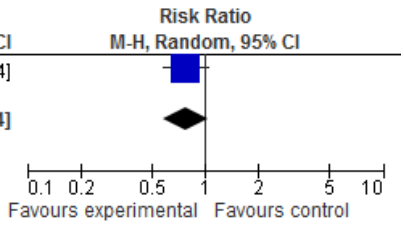
Heterogeneity: Not applicable
Test for overall effect: Z = 1.08 (P = 0.28)



Stunted height Post-treatment (short-for-age at endpoint or first measurement) - Available case analysis

Study or Subgroup	Favours experimental Events	Total	Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	66	360	81	345	100.0%	0.78 [0.58, 1.04]
Total (95% CI)		**360**		**345**	**100.0%**	**0.78 [0.58, 1.04]**
Total events	66		81			

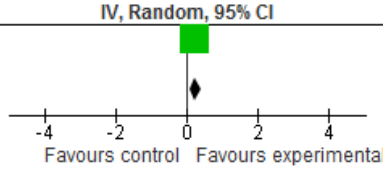
Heterogeneity: Not applicable
Test for overall effect: Z = 1.67 (P = 0.09)



Height-for-age Post-treatment (mean z score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	SD	Total	Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
RAHMAN2008	-1.1	1.02	360	-1.36	1.17	345	100.0%	0.24 [0.09, 0.39]
Total (95% CI)			**360**			**345**	**100.0%**	**0.24 [0.09, 0.39]**

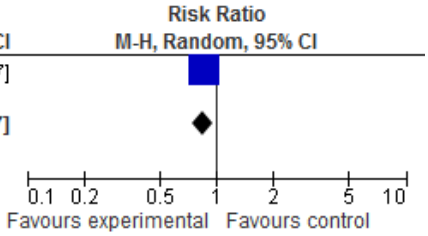
Heterogeneity: Not applicable
Test for overall effect: Z = 3.13 (P = 0.002)



Diarrhoea Post-treatment (=>1 diarrhoea episodes [in past 2 weeks] at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Total	Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	219	463	244	440	100.0%	0.85 [0.75, 0.97]
Total (95% CI)		**463**		**440**	**100.0%**	**0.85 [0.75, 0.97]**
Total events	219		244			

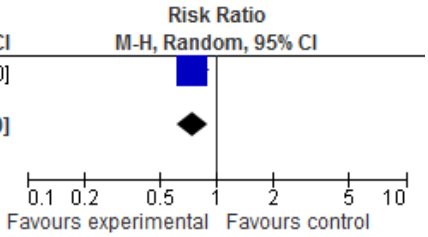
Heterogeneity: Not applicable
Test for overall effect: Z = 2.44 (P = 0.01)



Diarrhoea Post-treatment (=>1 diarrhoea episodes [in past 2 weeks] at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Total	Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	116	360	149	345	100.0%	0.75 [0.62, 0.90]
Total (95% CI)		**360**		**345**	**100.0%**	**0.75 [0.62, 0.90]**
Total events	116		149			

Heterogeneity: Not applicable
Test for overall effect: Z = 2.98 (P = 0.003)

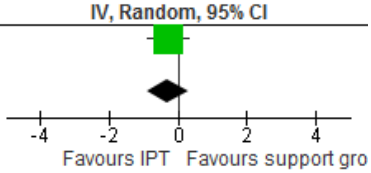


1.5.108 Infant physical health: IPT versus support group

Gestational age Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	IPT Mean	IPT SD	IPT Total	Support group Mean	Support group SD	Support group Total	Weight	Std. Mean Difference IV, Random, 95% CI
FIELD2013C	37.1	4.7	22	38.2	2.1	22	100.0%	-0.30 [-0.89, 0.30]
Total (95% CI)			**22**			**22**	**100.0%**	**-0.30 [-0.89, 0.30]**

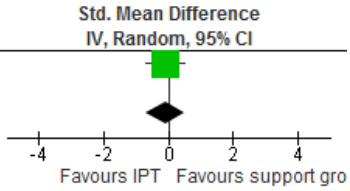
Heterogeneity: Not applicable
Test for overall effect: Z = 0.98 (P = 0.33)



Birth weight Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	IPT Mean	IPT SD	IPT Total	Support group Mean	Support group SD	Support group Total	Weight	Std. Mean Difference IV, Random, 95% CI
FIELD2013C	2,950.9	1,024.2	22	3,017.8	456.5	22	100.0%	-0.08 [-0.67, 0.51]
Total (95% CI)			**22**			**22**	**100.0%**	**-0.08 [-0.67, 0.51]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.27 (P = 0.78)

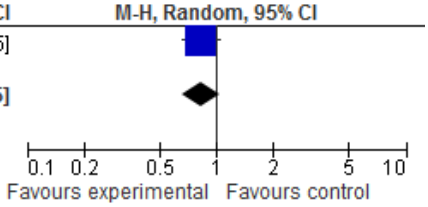


1.5.109 Infant physical health: Listening visits versus TAU

Ill health Post-treatment (maternal concerns about child health at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	60	183	216	548	100.0%	0.83 [0.66, 1.05]
Total (95% CI)		**183**		**548**	**100.0%**	**0.83 [0.66, 1.05]**
Total events	60		216			

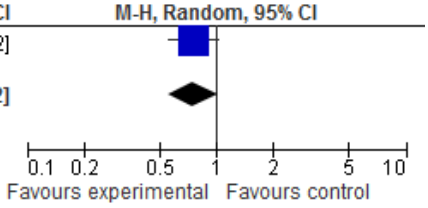
Heterogeneity: Not applicable
Test for overall effect: Z = 1.56 (P = 0.12)



Ill health Post-treatment (maternal concerns about child health at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	39	162	156	488	100.0%	0.75 [0.56, 1.02]
Total (95% CI)		**162**		**488**	**100.0%**	**0.75 [0.56, 1.02]**
Total events	39		156			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.84 (P = 0.07)

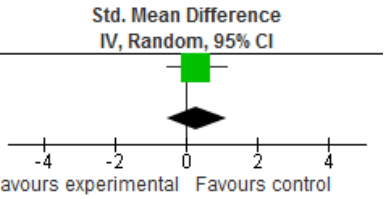


1.5.110 Infant physical health: Social support versus TAU

Infant cortisol levels Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LETOURNEAU2011	2.72	1.68	9	2.33	1.1	14	100.0%	0.28 [-0.56, 1.12]
Total (95% CI)			**9**			**14**	**100.0%**	**0.28 [-0.56, 1.12]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.65 (P = 0.52)

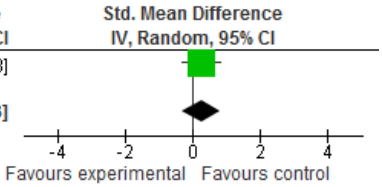


1.5.111 Infant physical health: Psychologically (CBT/IPT)-informed psychoeducation versus TAU/Enhanced TAU

Infant stress Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MUNOZ2007/URIZAR2011	30.3	20.7	24	25.3	18.2	22	100.0%	0.25 [-0.33, 0.83]
Total (95% CI)			**24**			**22**	**100.0%**	**0.25 [-0.33, 0.83]**

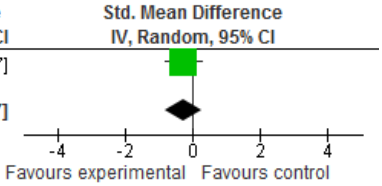
Heterogeneity: Not applicable
Test for overall effect: Z = 0.85 (P = 0.40)



Infant cortisol levels Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MUNOZ2007/URIZAR2011	0.84	0.48	24	0.96	0.39	29	100.0%	-0.27 [-0.82, 0.27]
Total (95% CI)			**24**			**29**	**100.0%**	**-0.27 [-0.82, 0.27]**

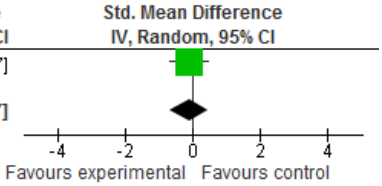
Heterogeneity: Not applicable
Test for overall effect: Z = 0.98 (P = 0.32)



Infant cortisol levels Long follow-up (mean score at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MUNOZ2007/URIZAR2011	0.76	0.5	24	0.82	0.61	22	100.0%	-0.11 [-0.69, 0.47]
Total (95% CI)			**24**			**22**	**100.0%**	**-0.11 [-0.69, 0.47]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.36 (P = 0.72)

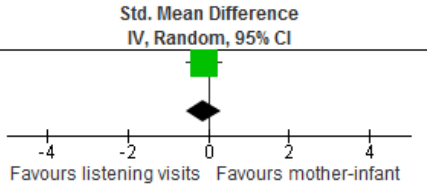


1.5.112 Infant physical health: Mother-infant relationship intervention (and guided self-help) versus listening visits (and guided self-help)

Weight-for-age Post-treatment (mean z score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
STEIN2006	0.11	1.1	38	0.23	0.93	39	100.0%	-0.12 [-0.56, 0.33]
Total (95% CI)			**38**			**39**	**100.0%**	**-0.12 [-0.56, 0.33]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.51 (P = 0.61)

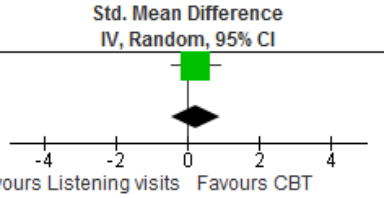


1.5.113 Infant physical development: CBT versus listening visits

Infant motor development Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	CBT Mean	CBT SD	CBT Total	Listening visits Mean	Listening visits SD	Listening visits Total	Weight	Std. Mean Difference IV, Random, 95% CI
HAYDEN2012	91.6	13	20	88.9	11.3	14	100.0%	0.21 [-0.47, 0.90]
Total (95% CI)			**20**			**14**	**100.0%**	**0.21 [-0.47, 0.90]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.61 (P = 0.54)

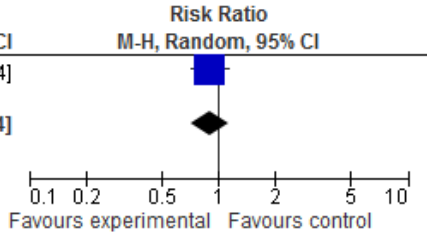


1.5.114 Infant physical development: Listening visits versus TAU

Infant eating habits Post-treatment (maternal concerns at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	61	183	202	548	100.0%	0.90 [0.72, 1.14]
Total (95% CI)		**183**		**548**	**100.0%**	**0.90 [0.72, 1.14]**
Total events	61		202			

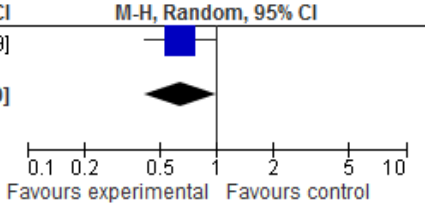
Heterogeneity: Not applicable
Test for overall effect: Z = 0.85 (P = 0.40)



Infant eating habits Post-treatment (maternal concerns at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	21	143	102	448	100.0%	0.65 [0.42, 0.99]
Total (95% CI)		**143**		**448**	**100.0%**	**0.65 [0.42, 0.99]**
Total events	21		102			

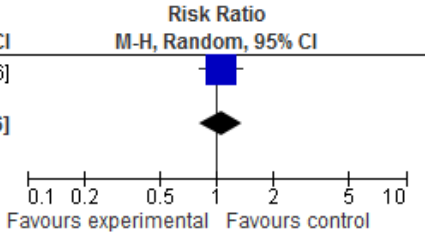
Heterogeneity: Not applicable
Test for overall effect: Z = 2.00 (P = 0.05)



Infant sleeping habits Post-treatment (maternal concerns at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	56	183	159	548	100.0%	1.05 [0.82, 1.36]
Total (95% CI)		**183**		**548**	**100.0%**	**1.05 [0.82, 1.36]**
Total events	56		159			

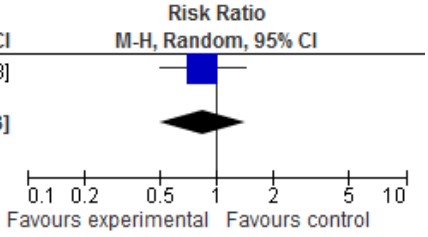
Heterogeneity: Not applicable
Test for overall effect: Z = 0.41 (P = 0.68)



Infant sleep problems Post-treatment (maternal report at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	16	143	59	448	100.0%	0.85 [0.51, 1.43]
Total (95% CI)		**143**		**448**	**100.0%**	**0.85 [0.51, 1.43]**
Total events	16		59			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.62 (P = 0.54)

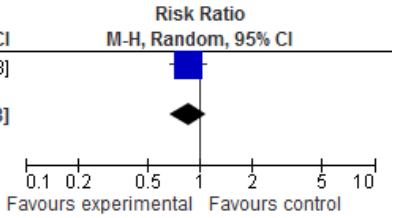


1.5.115 Infant physical development: Home visits versus TAU

Infant motor development Post-treatment (below threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	72	179	87	185	100.0%	0.86 [0.68, 1.08]
Total (95% CI)		**179**		**185**	**100.0%**	**0.86 [0.68, 1.08]**
Total events	72		87			

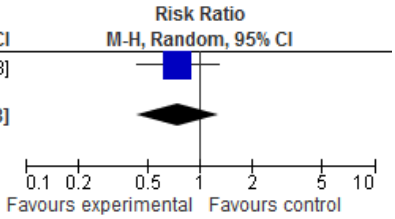
Heterogeneity: Not applicable
Test for overall effect: Z = 1.30 (P = 0.19)



Infant motor development Post-treatment (below threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	19	126	25	123	100.0%	0.74 [0.43, 1.28]
Total (95% CI)		**126**		**123**	**100.0%**	**0.74 [0.43, 1.28]**
Total events	19		25			

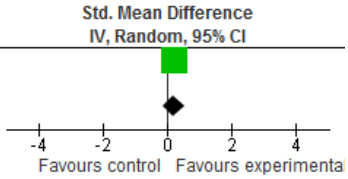
Heterogeneity: Not applicable
Test for overall effect: Z = 1.08 (P = 0.28)



Infant feeding problems Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ARMSTRONG1999/2000/FRASER	2.28	2.76	68	1.78	2.29	70	100.0%	0.20 [-0.14, 0.53]
Total (95% CI)			**68**			**70**	**100.0%**	**0.20 [-0.14, 0.53]**

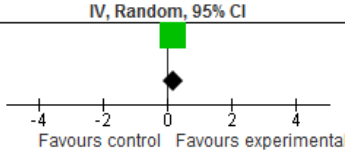
Heterogeneity: Not applicable
Test for overall effect: Z = 1.15 (P = 0.25)



Infant sleep problems Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ARMSTRONG1999/2000/FRASER	2.61	3.03	68	2.1	2.51	70	100.0%	0.18 [-0.15, 0.52]
Total (95% CI)			**68**			**70**	**100.0%**	**0.18 [-0.15, 0.52]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.07 (P = 0.28)

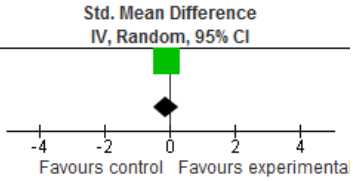


1.5.116 Infant physical development: Mother-infant relationship interventions versus TAU/Enhanced TAU

Infant motor development Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	96	16	46	97.9	15.7	50	100.0%	-0.12 [-0.52, 0.28]
Total (95% CI)			**46**			**50**	**100.0%**	**-0.12 [-0.52, 0.28]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.58 (P = 0.56)

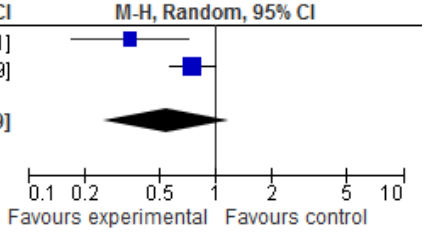


1.5.117 Infant physical development: Infant sleep training (controlled crying) versus TAU

Infant sleep problems Post-treatment (maternal report at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HISCOCK2002	7	33	20	33	41.3%	0.35 [0.17, 0.71]
HISCOCK2007/2008	34	63	43	60	58.7%	0.75 [0.57, 0.99]
Total (95% CI)		**96**		**93**	**100.0%**	**0.55 [0.25, 1.19]**
Total events	41		63			

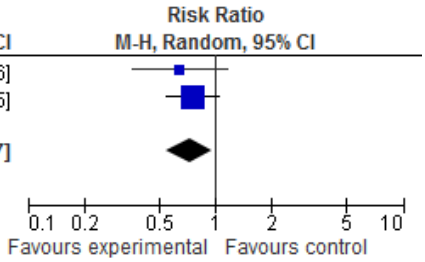
Heterogeneity: Tau² = 0.25; Chi² = 4.23, df = 1 (P = 0.04); I² = 76%
Test for overall effect: Z = 1.52 (P = 0.13)



Infant sleep problems Short follow-up (maternal report at 9-16 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HISCOCK2002	11	32	16	30	24.1%	0.64 [0.36, 1.16]
HISCOCK2007/2008	30	64	36	58	75.9%	0.76 [0.54, 1.05]
Total (95% CI)		**96**		**88**	**100.0%**	**0.73 [0.55, 0.97]**
Total events	41		52			

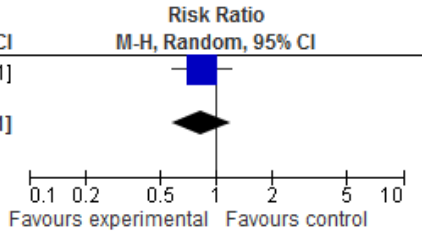
Heterogeneity: Tau² = 0.00; Chi² = 0.22, df = 1 (P = 0.64); I² = 0%
Test for overall effect: Z = 2.18 (P = 0.03)



Infant sleep problems Long follow-up (maternal report at >24 week follow-up) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HISCOCK2007/2008	39	143	42	129	100.0%	0.84 [0.58, 1.21]
Total (95% CI)		**143**		**129**	**100.0%**	**0.84 [0.58, 1.21]**
Total events	39		42			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.95 (P = 0.34)

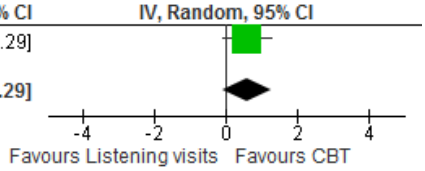


1.5.118 Infant cognitive development: CBT versus listening visits

Infant cognitive development Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	CBT Mean	CBT SD	CBT Total	Listening visits Mean	Listening visits SD	Listening visits Total	Weight	Std. Mean Difference IV, Random, 95% CI
HAYDEN2012	96.1	7.3	20	92.4	3.9	14	100.0%	0.59 [-0.11, 1.29]
Total (95% CI)			**20**			**14**	**100.0%**	**0.59 [-0.11, 1.29]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.65 (P = 0.10)

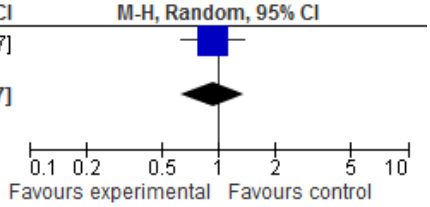


1.5.119 Infant cognitive development: Listening visits versus TAU

Infant cognitive development Post-treatment (maternal concerns/below threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	29	183	93	548	100.0%	0.93 [0.64, 1.37]
Total (95% CI)		**183**		**548**	**100.0%**	**0.93 [0.64, 1.37]**
Total events	29		93			

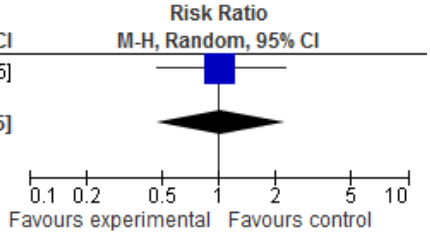
Heterogeneity: Not applicable
Test for overall effect: Z = 0.35 (P = 0.73)



Infant cognitive development Post-treatment (maternal concerns/below threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	8	162	23	478	100.0%	1.03 [0.47, 2.25]
Total (95% CI)		**162**		**478**	**100.0%**	**1.03 [0.47, 2.25]**
Total events	8		23			

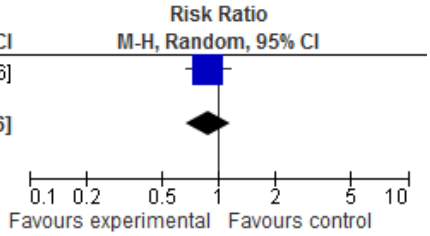
Heterogeneity: Not applicable
Test for overall effect: Z = 0.06 (P = 0.95)



Infant verbal development Post-treatment (maternal concerns at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	49	183	166	548	100.0%	0.88 [0.67, 1.16]
Total (95% CI)		**183**		**548**	**100.0%**	**0.88 [0.67, 1.16]**
Total events	49		166			

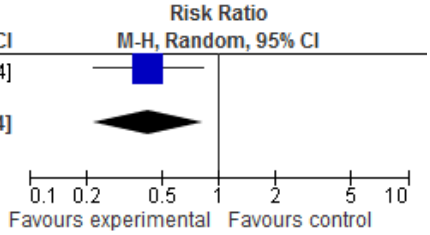
Heterogeneity: Not applicable
Test for overall effect: Z = 0.89 (P = 0.37)



Infant verbal development Post-treatment (maternal concerns at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	9	143	66	448	100.0%	0.43 [0.22, 0.84]
Total (95% CI)		**143**		**448**	**100.0%**	**0.43 [0.22, 0.84]**
Total events	9		66			

Heterogeneity: Not applicable
Test for overall effect: Z = 2.49 (P = 0.01)

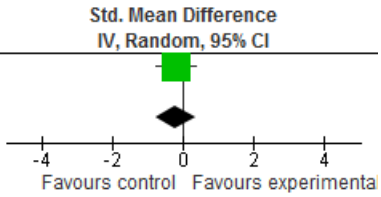


1.5.120 Infant cognitive development: Social support versus TAU

Infant cognitive development Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LETOURNEAU2011	97.4	12.2	21	100.2	13.6	27	100.0%	-0.21 [-0.78, 0.36]
Total (95% CI)			**21**			**27**	**100.0%**	**-0.21 [-0.78, 0.36]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.73 (P = 0.47)

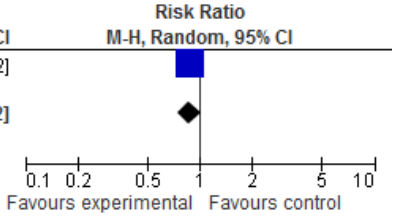


1.5.121 Infant cognitive development: Home visits versus TAU

Infant cognitive development Post-treatment (maternal concerns/below threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	106	179	126	185	100.0%	0.87 [0.74, 1.02]
Total (95% CI)		**179**		**185**	**100.0%**	**0.87 [0.74, 1.02]**
Total events	106		126			

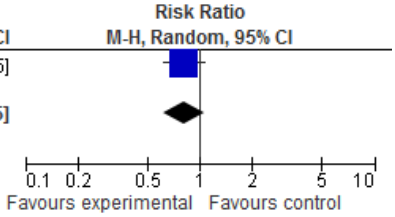
Heterogeneity: Not applicable
Test for overall effect: Z = 1.75 (P = 0.08)



Infant cognitive development Post-treatment (maternal concerns/below threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	53	126	64	123	100.0%	0.81 [0.62, 1.05]
Total (95% CI)		**126**		**123**	**100.0%**	**0.81 [0.62, 1.05]**
Total events	53		64			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.57 (P = 0.12)

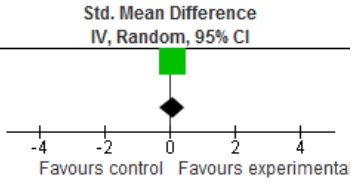


1.5.122 Infant cognitive development: Mother-infant relationship interventions versus TAU/Enhanced TAU

Infant cognitive development Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ZELKOWITZ2008/2011/FEELEY	103.6	14.2	46	102.7	12.1	50	100.0%	0.07 [-0.33, 0.47]
Total (95% CI)			**46**			**50**	**100.0%**	**0.07 [-0.33, 0.47]**

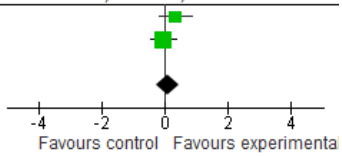
Heterogeneity: Not applicable
Test for overall effect: Z = 0.33 (P = 0.74)



Infant verbal development Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	104.68	3.54	29	103.52	3.54	29	39.6%	0.32 [-0.20, 0.84]
ZELKOWITZ2008/2011/FEELEY	93.6	10.7	46	94.1	11	50	60.4%	-0.05 [-0.45, 0.35]
Total (95% CI)			**75**			**79**	**100.0%**	**0.10 [-0.25, 0.45]**

Heterogeneity: Tau² = 0.01; Chi² = 1.22, df = 1 (P = 0.27); I² = 18%
Test for overall effect: Z = 0.56 (P = 0.58)

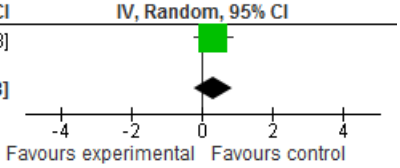


1.5.123 Infant emotional development: Social support versus TAU

Infant 'difficult' temperament Post-treatment (maternal-rated mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LETOURNEAU2011	72	20.6	23	65.6	18.2	28	100.0%	0.33 [-0.23, 0.88]
Total (95% CI)			**23**			**28**	**100.0%**	**0.33 [-0.23, 0.88]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.15 (P = 0.25)

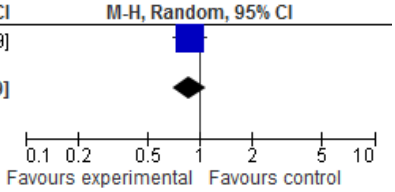


1.5.124 Infant emotional development: Home visits versus TAU

Infant externalizing Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	76	179	90	185	100.0%	0.87 [0.70, 1.09]
Total (95% CI)		**179**		**185**	**100.0%**	**0.87 [0.70, 1.09]**
Total events	76		90			

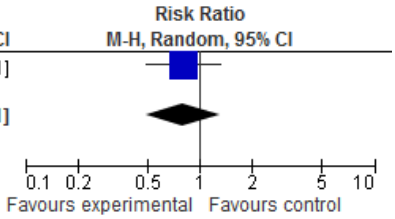
Heterogeneity: Not applicable
Test for overall effect: Z = 1.18 (P = 0.24)



Infant externalizing Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	23	126	28	123	100.0%	0.80 [0.49, 1.31]
Total (95% CI)		**126**		**123**	**100.0%**	**0.80 [0.49, 1.31]**
Total events	23		28			

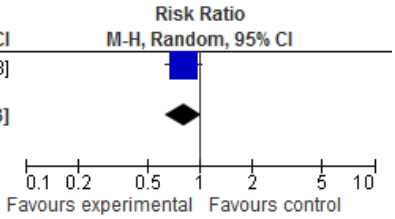
Heterogeneity: Not applicable
Test for overall effect: Z = 0.88 (P = 0.38)



Infant internalizing Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	69	179	88	185	100.0%	0.81 [0.64, 1.03]
Total (95% CI)		**179**		**185**	**100.0%**	**0.81 [0.64, 1.03]**
Total events	69		88			

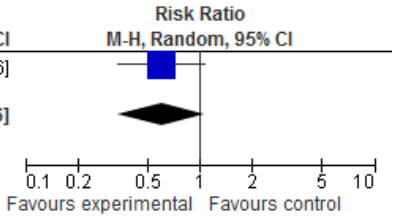
Heterogeneity: Not applicable
Test for overall effect: Z = 1.72 (P = 0.08)



Infant internalizing Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	16	126	26	123	100.0%	0.60 [0.34, 1.06]
Total (95% CI)		**126**		**123**	**100.0%**	**0.60 [0.34, 1.06]**
Total events	16		26			

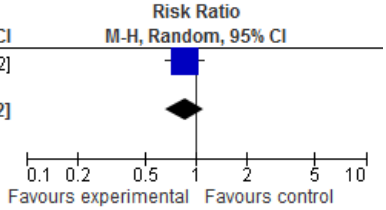
Heterogeneity: Not applicable
Test for overall effect: Z = 1.75 (P = 0.08)



Infant social withdrawal Post-treatment (symptomatology - above threshold at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGRAVIER2013/GUEDENEY201	69	222	79	218	100.0%	0.86 [0.66, 1.12]
Total (95% CI)		**222**		**218**	**100.0%**	**0.86 [0.66, 1.12]**
Total events	69		79			

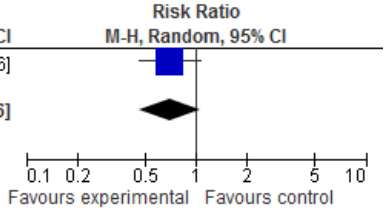
Heterogeneity: Not applicable
Test for overall effect: Z = 1.14 (P = 0.25)



Infant social withdrawal Post-treatment (symptomatology - above threshold at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGRAVIER2013/GUEDENEY201	31	184	44	183	100.0%	0.70 [0.46, 1.06]
Total (95% CI)		**184**		**183**	**100.0%**	**0.70 [0.46, 1.06]**
Total events	31		44			

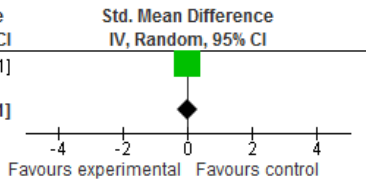
Heterogeneity: Not applicable
Test for overall effect: Z = 1.69 (P = 0.09)



Infant social withdrawal Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DUGRAVIER2013/GUEDENEY201	3.3	3.9	76	3.3	4.5	84	100.0%	0.00 [-0.31, 0.31]
Total (95% CI)			**76**			**84**	**100.0%**	**0.00 [-0.31, 0.31]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.00 (P = 1.00)

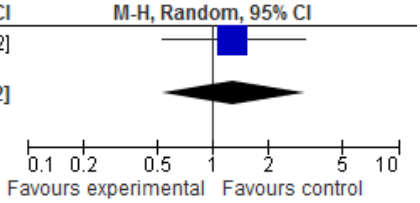


1.5.125 Infant emotional development: Mother-infant relationship interventions versus TAU/Enhanced TAU

Infant adaptive behaviour Post-treatment (treatment response at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	9	40	7	40	100.0%	1.29 [0.53, 3.12]
Total (95% CI)		**40**		**40**	**100.0%**	**1.29 [0.53, 3.12]**
Total events	9		7			

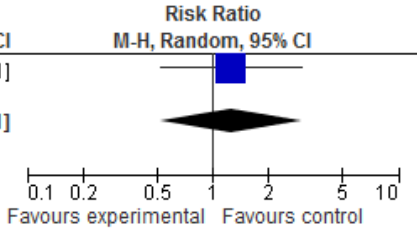
Heterogeneity: Not applicable
Test for overall effect: Z = 0.56 (P = 0.58)



Infant adaptive behaviour Post-treatment (treatment response at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SALOMONSSON2011	9	38	7	37	100.0%	1.25 [0.52, 3.01]
Total (95% CI)		**38**		**37**	**100.0%**	**1.25 [0.52, 3.01]**
Total events	9		7			

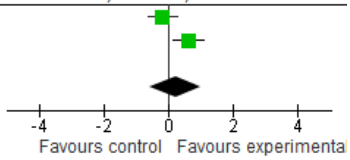
Heterogeneity: Not applicable
Test for overall effect: Z = 0.50 (P = 0.62)



Infant adaptive behaviour Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SALOMONSSON2011	1	0.72	38	1.14	0.7	37	50.4%	-0.20 [-0.65, 0.26]
VANDOESUM2008/KERSTENALVA	1.4	0.28	35	1.22	0.3	36	49.6%	0.61 [0.14, 1.09]
Total (95% CI)			**73**			**73**	**100.0%**	**0.21 [-0.59, 1.00]**

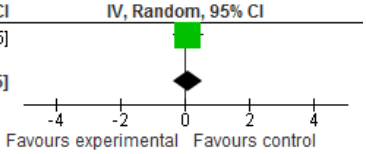
Heterogeneity: Tau² = 0.27; Chi² = 5.79, df = 1 (P = 0.02); I² = 83%
Test for overall effect: Z = 0.51 (P = 0.61)



Infant externalizing Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	0.6	0.39	35	0.57	0.3	36	100.0%	0.09 [-0.38, 0.55]
Total (95% CI)			**35**			**36**	**100.0%**	**0.09 [-0.38, 0.55]**

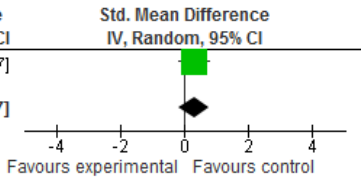
Heterogeneity: Not applicable
Test for overall effect: Z = 0.36 (P = 0.72)



Infant internalizing Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	0.45	0.23	35	0.39	0.16	36	100.0%	0.30 [-0.17, 0.77]
Total (95% CI)			**35**			**36**	**100.0%**	**0.30 [-0.17, 0.77]**

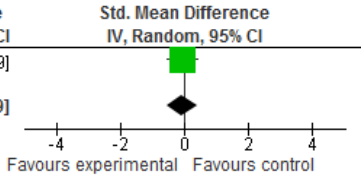
Heterogeneity: Not applicable
Test for overall effect: Z = 1.26 (P = 0.21)



Infant dysregulation Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	0.46	0.26	35	0.48	0.26	36	100.0%	-0.08 [-0.54, 0.39]
Total (95% CI)			**35**			**36**	**100.0%**	**-0.08 [-0.54, 0.39]**

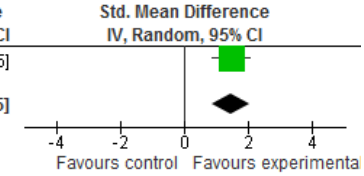
Heterogeneity: Not applicable
Test for overall effect: Z = 0.32 (P = 0.75)



Infant self-esteem Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	4.18	0.29	29	3.75	0.29	29	100.0%	1.46 [0.88, 2.05]
Total (95% CI)			**29**			**29**	**100.0%**	**1.46 [0.88, 2.05]**

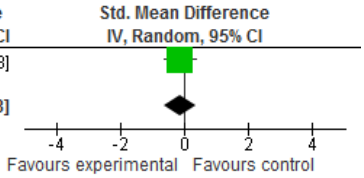
Heterogeneity: Not applicable
Test for overall effect: Z = 4.91 (P < 0.00001)



Infant externalizing Very long Follow-up (mean score at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	50.51	2.06	29	50.8	2.06	29	100.0%	-0.14 [-0.65, 0.38]
Total (95% CI)			**29**			**29**	**100.0%**	**-0.14 [-0.65, 0.38]**

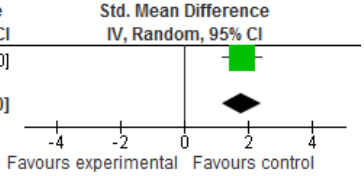
Heterogeneity: Not applicable
Test for overall effect: Z = 0.53 (P = 0.60)



Infant internalizing Very long Follow-up (mean score at >104 week follow-up) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
VANDOESUM2008/KERSTENALVA	53.4	2.06	29	49.67	2.06	29	100.0%	1.79 [1.17, 2.40]
Total (95% CI)			**29**			**29**	**100.0%**	**1.79 [1.17, 2.40]**

Heterogeneity: Not applicable
Test for overall effect: Z = 5.69 (P < 0.00001)

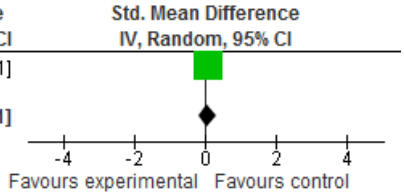


1.5.126 Infant emotional development: Infant sleep training (controlled crying) versus TAU

Infant externalizing Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HISCOCK2007/2008	49.8	9.1	142	49.2	9.3	126	100.0%	0.07 [-0.17, 0.31]
Total (95% CI)			**142**			**126**	**100.0%**	**0.07 [-0.17, 0.31]**

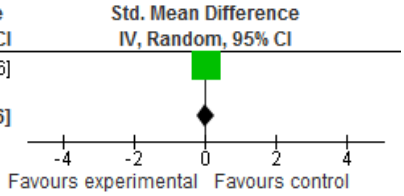
Heterogeneity: Not applicable
Test for overall effect: Z = 0.53 (P = 0.60)



Infant internalizing Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HISCOCK2007/2008	46.5	9.2	142	46.3	10	126	100.0%	0.02 [-0.22, 0.26]
Total (95% CI)			**142**			**126**	**100.0%**	**0.02 [-0.22, 0.26]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.17 (P = 0.86)

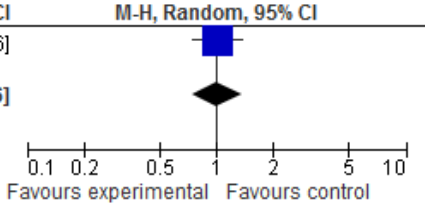


1.5.127 Prevention of neglect or abuse of the infant: Listening visits versus TAU

Child injury Post-treatment (Injury requiring medical attention at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	43	183	128	548	100.0%	1.01 [0.74, 1.36]
Total (95% CI)		**183**		**548**	**100.0%**	**1.01 [0.74, 1.36]**
Total events	43		128			

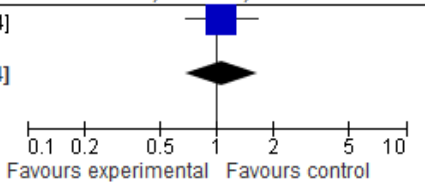
Heterogeneity: Not applicable
Test for overall effect: Z = 0.04 (P = 0.97)



Child injury Post-treatment (Injury requiring medical attention at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	24	164	67	487	100.0%	1.06 [0.69, 1.64]
Total (95% CI)		**164**		**487**	**100.0%**	**1.06 [0.69, 1.64]**
Total events	24		67			

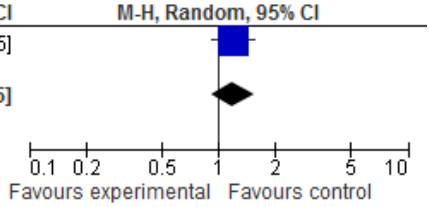
Heterogeneity: Not applicable
Test for overall effect: Z = 0.28 (P = 0.78)



Child injury Long follow-up (Injury requiring medical attention at >24 week follow-up) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	55	183	138	548	100.0%	1.19 [0.92, 1.55]
Total (95% CI)		**183**		**548**	**100.0%**	**1.19 [0.92, 1.55]**
Total events	55		138			

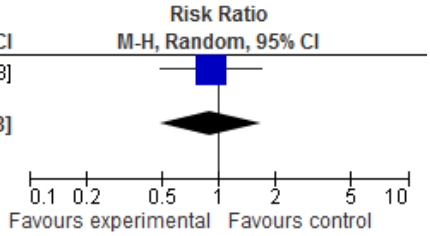
Heterogeneity: Not applicable
Test for overall effect: Z = 1.31 (P = 0.19)



Child injury Long follow-up (Injury requiring medical attention at >24 week follow-up) - by intervention

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WIGGINS2005	12	145	41	451	100.0%	0.91 [0.49, 1.68]
Total (95% CI)		**145**		**451**	**100.0%**	**0.91 [0.49, 1.68]**
Total events	12		41			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.30 (P = 0.76)

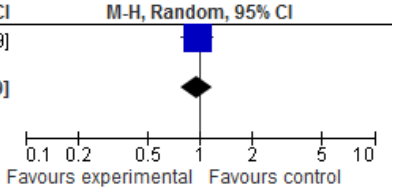


1.5.128 Prevention of neglect or abuse of the infant: Home visits versus TAU

Child injury Post-treatment (Injury requiring medical attention at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	86	179	92	185	100.0%	0.97 [0.78, 1.19]
Total (95% CI)		**179**		**185**	**100.0%**	**0.97 [0.78, 1.19]**
Total events	86		92			

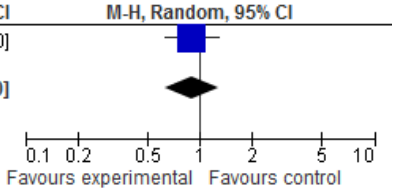
Heterogeneity: Not applicable
Test for overall effect: Z = 0.32 (P = 0.75)



Child injury Post-treatment (Injury requiring medical attention at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	38	131	44	137	100.0%	0.90 [0.63, 1.30]
Total (95% CI)		**131**		**137**	**100.0%**	**0.90 [0.63, 1.30]**
Total events	38		44			

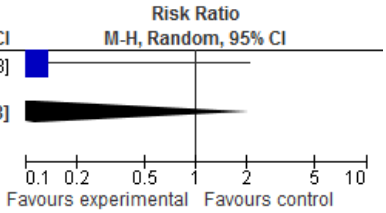
Heterogeneity: Not applicable
Test for overall effect: Z = 0.55 (P = 0.58)



Ingestion of poison Post-treatment (incidence during trial measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
ARMSTRONG1999/2000/FRASER	0	68	4	70	100.0%	0.11 [0.01, 2.08]
Total (95% CI)		**68**		**70**	**100.0%**	**0.11 [0.01, 2.08]**
Total events	0		4			

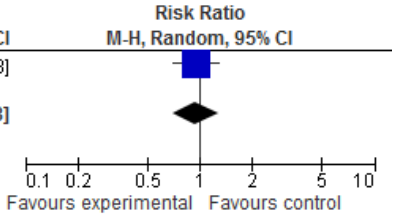
Heterogeneity: Not applicable
Test for overall effect: Z = 1.46 (P = 0.14)



Child protective service reports (all types) Post-treatment (substantiated reports during trial measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	56	179	61	185	100.0%	0.95 [0.70, 1.28]
Total (95% CI)		**179**		**185**	**100.0%**	**0.95 [0.70, 1.28]**
Total events	56		61			

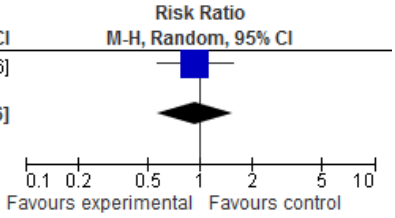
Heterogeneity: Not applicable
Test for overall effect: Z = 0.34 (P = 0.73)



Child protective service reports (all types) Post-treatment (substantiated reports during trial measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	24	147	26	150	100.0%	0.94 [0.57, 1.56]
Total (95% CI)		**147**		**150**	**100.0%**	**0.94 [0.57, 1.56]**
Total events	24		26			

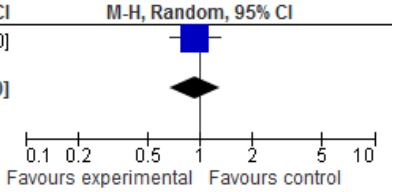
Heterogeneity: Not applicable
Test for overall effect: Z = 0.23 (P = 0.82)



Child protective service reports (neglect) Post-treatment (substantiated reports during trial measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	50	179	55	185	100.0%	0.94 [0.68, 1.30]
Total (95% CI)		**179**		**185**	**100.0%**	**0.94 [0.68, 1.30]**
Total events	50		55			

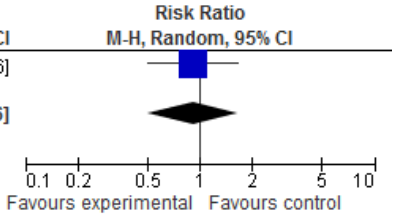
Heterogeneity: Not applicable
Test for overall effect: Z = 0.38 (P = 0.71)



Child protective service reports (neglect) Post-treatment (substantiated reports during trial measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	18	147	20	150	100.0%	0.92 [0.51, 1.66]
Total (95% CI)		**147**		**150**	**100.0%**	**0.92 [0.51, 1.66]**
Total events	18		20			

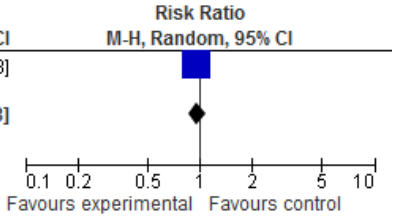
Heterogeneity: Not applicable
Test for overall effect: Z = 0.28 (P = 0.78)



Maternal use of punishment Post-treatment (corporate/verbal punishment used anytime in past week measured at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	136	179	146	185	100.0%	0.96 [0.86, 1.08]
Total (95% CI)		**179**		**185**	**100.0%**	**0.96 [0.86, 1.08]**
Total events	136		146			

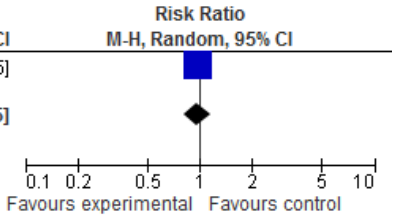
Heterogeneity: Not applicable
Test for overall effect: Z = 0.67 (P = 0.50)



Maternal use of punishment Post-treatment (corporate/verbal punishment used anytime in past week measured at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
DUGGAN2007/CALDERA2007	83	126	84	123	100.0%	0.96 [0.81, 1.15]
Total (95% CI)		**126**		**123**	**100.0%**	**0.96 [0.81, 1.15]**
Total events	83		84			

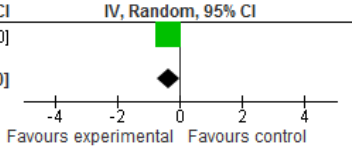
Heterogeneity: Not applicable
Test for overall effect: Z = 0.41 (P = 0.68)



Potential for child abuse Post-treatment (mean score at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ARMSTRONG1999/2000/FRASER	106.41	73.67	61	140.89	113.4	63	100.0%	-0.36 [-0.71, -0.00]
Total (95% CI)			**61**			**63**	**100.0%**	**-0.36 [-0.71, -0.00]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.97 (P = 0.05)

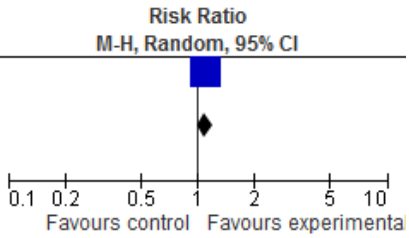


1.5.129 Optimal infant care: Structured psychological interventions (CBT or IPT) versus TAU/Enhanced TAU

Immunisation Post-treatment (complete immunisation at endpoint or first measurement) - ITT analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	339	463	294	440	100.0%	1.10 [1.01, 1.19]
Total (95% CI)		**463**		**440**	**100.0%**	**1.10 [1.01, 1.19]**
Total events	339		294			

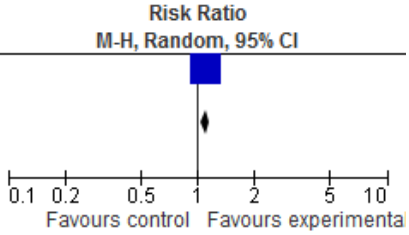
Heterogeneity: Not applicable
Test for overall effect: Z = 2.09 (P = 0.04)



Immunisation Post-treatment (complete immunisation at endpoint or first measurement) - Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
RAHMAN2008	339	360	294	345	100.0%	1.11 [1.05, 1.16]
Total (95% CI)		**360**		**345**	**100.0%**	**1.11 [1.05, 1.16]**
Total events	339		294			

Heterogeneity: Not applicable
Test for overall effect: Z = 3.84 (P = 0.0001)



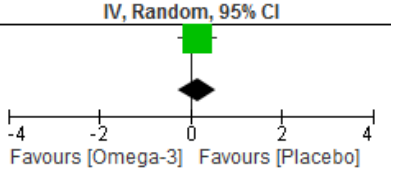
1.6 PHARMACOLOGICAL INTERVENTIONS: PREVENTION (NO RISK FACTORS)

1.6.1 Depression: Omega-3 versus placebo

Depression mean symptoms- Post-treatment- score at endpoint or first measurement (no risk populations)

Study or Subgroup	Omega-3 Mean	Omega-3 SD	Omega-3 Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
LLORENTE2003	5.8	7.1	44	4.8	5.9	45	100.0%	0.15 [-0.26, 0.57]
Total (95% CI)			**44**			**45**	**100.0%**	**0.15 [-0.26, 0.57]**

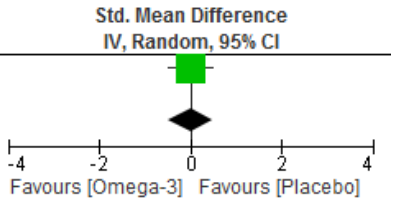
Heterogeneity: Not applicable
Test for overall effect: Z = 0.72 (P = 0.47)



Depression mean symptoms- Short follow-up- score at long-term (60 week) follow-up (no risk populations)

Study or Subgroup	Omega-3 Mean	Omega-3 SD	Omega-3 Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
LLORENTE2003	6.3	5.2	31	6.3	4.1	32	100.0%	0.00 [-0.49, 0.49]
Total (95% CI)			**31**			**32**	**100.0%**	**0.00 [-0.49, 0.49]**

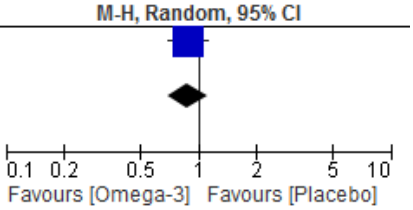
Heterogeneity: Not applicable
Test for overall effect: Z = 0.00 (P = 1.00)



Depression symptomology- Post-treatment- above threshold at endpoint or first measurement (no risk populations)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
MAKRIDES2010	115	1197	131	1202	100.0%	0.88 [0.70, 1.12]
Total (95% CI)		**1197**		**1202**	**100.0%**	**0.88 [0.70, 1.12]**
Total events	115		131			

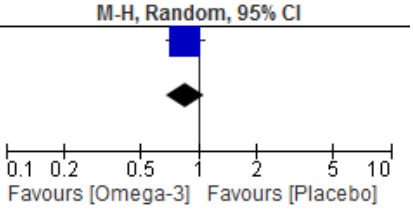
Heterogeneity: Not applicable
Test for overall effect: Z = 1.04 (P = 0.30)



Depression symptomology- Post-treatment- above threshold at intermediate (24 week) follow-up (no risk populations)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
MAKRIDES2010	117	1197	138	1202	100.0%	0.85 [0.67, 1.07]
Total (95% CI)		**1197**		**1202**	**100.0%**	**0.85 [0.67, 1.07]**
Total events	117		138			

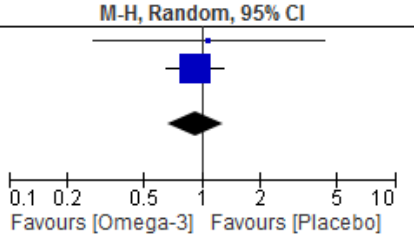
Heterogeneity: Not applicable
Test for overall effect: Z = 1.35 (P = 0.18)



Depression diagnosis- Post-treatment- current depression, new or existing during study period (no risk populations)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
LLORENTE2003	4	27	3	22	5.8%	1.09 [0.27, 4.35]
MAKRIDES2010	59	1197	64	1202	94.2%	0.93 [0.66, 1.31]
Total (95% CI)		**1224**		**1224**	**100.0%**	**0.93 [0.67, 1.31]**
Total events	63		67			

Heterogeneity: Tau² = 0.00; Chi² = 0.05, df = 1 (P = 0.83); I² = 0%
Test for overall effect: Z = 0.40 (P = 0.69)

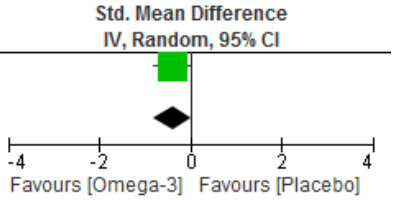


1.6.2 Depression: Selenium versus placebo

Depression mean scores- Post-treatment- score at endpoint or first measurement (no risk populations)

Study or Subgroup	Omega-3 Mean	Omega-3 SD	Omega-3 Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
MOKHBER2011	8.8	5.1	44	10.7	4.4	41	100.0%	-0.39 [-0.82, 0.04]
Total (95% CI)			**44**			**41**	**100.0%**	**-0.39 [-0.82, 0.04]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.80 (P = 0.07)

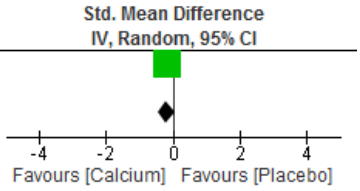


1.6.3 Depression: Calcium versus placebo

Depression mean scores- Post-treatment- score at short-term (9-16 weeks) follow-up (no risk factors)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HARRISONHOHNER2001	6.4	4.21	123	7.3	5.01	124	100.0%	-0.19 [-0.44, 0.06]
Total (95% CI)			**123**			**124**	**100.0%**	**-0.19 [-0.44, 0.06]**

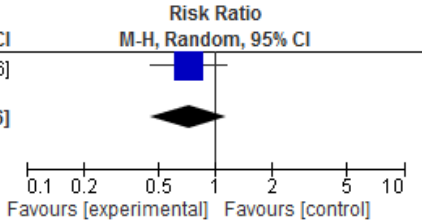
Heterogeneity: Not applicable
Test for overall effect: Z = 1.52 (P = 0.13)



Depression symptomology- Post-treatment- score at endpoint or first measurement (no risk populations)

Study or Subgroup	Calcium Events	Calcium Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
HARRISONHOHNER2001	26	192	34	182	100.0%	0.72 [0.45, 1.16]
Total (95% CI)		**192**		**182**	**100.0%**	**0.72 [0.45, 1.16]**
Total events	26		34			

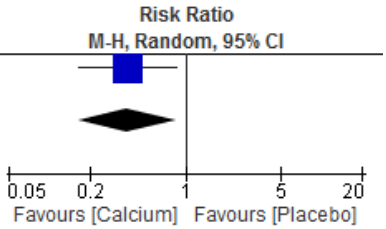
Heterogeneity: Not applicable
Test for overall effect: Z = 1.35 (P = 0.18)



Depression symptomology- Post-treatment- above threshold at short-term (9-16 weeks) follow-up (no risk populations)

Study or Subgroup	Calcium Events	Calcium Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
HARRISONHOHNER2001	7	123	19	124	100.0%	0.37 [0.16, 0.85]
Total (95% CI)		**123**		**124**	**100.0%**	**0.37 [0.16, 0.85]**
Total events	7		19			

Heterogeneity: Not applicable
Test for overall effect: Z = 2.34 (P = 0.02)

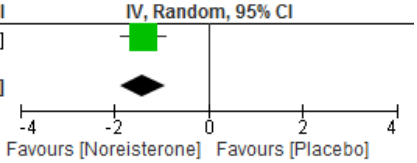


1.6.4 Compliance: Selenium versus placebo

Compliance- Post-treatment- serum selenium concentrations at endpoint or first measurement (no risk populations)

Study or Subgroup	Selenium Mean	Selenium SD	Selenium Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
MOKHBER2011	-168.6	36.4	44	-119.4	33.4	41	100.0%	-1.39 [-1.87, -0.92]
Total (95% CI)			**44**			**41**	**100.0%**	**-1.39 [-1.87, -0.92]**

Heterogeneity: Not applicable
Test for overall effect: Z = 5.73 (P < 0.00001)

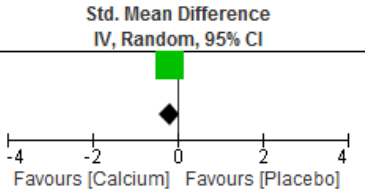


1.6.5 Quality of life: Calcium versus placebo

Quality of life- Post-treatment- positive life events at first measurement (no risk populations)

Study or Subgroup	Calcium Mean	Calcium SD	Calcium Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
HARRISONHOHNER2001	23	1	123	23.2	1.2	124	100.0%	-0.18 [-0.43, 0.07]
Total (95% CI)			**123**			**124**	**100.0%**	**-0.18 [-0.43, 0.07]**

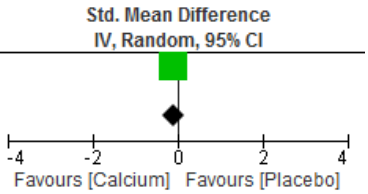
Heterogeneity: Not applicable
Test for overall effect: Z = 1.42 (P = 0.16)



Quality of life- Post-treatment- negative life events at first measurement (no risk populations)

Study or Subgroup	Calcium Mean	Calcium SD	Calcium Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
HARRISONHOHNER2001	14.7	1.1	123	14.8	1.1	124	100.0%	-0.09 [-0.34, 0.16]
Total (95% CI)			**123**			**124**	**100.0%**	**-0.09 [-0.34, 0.16]**

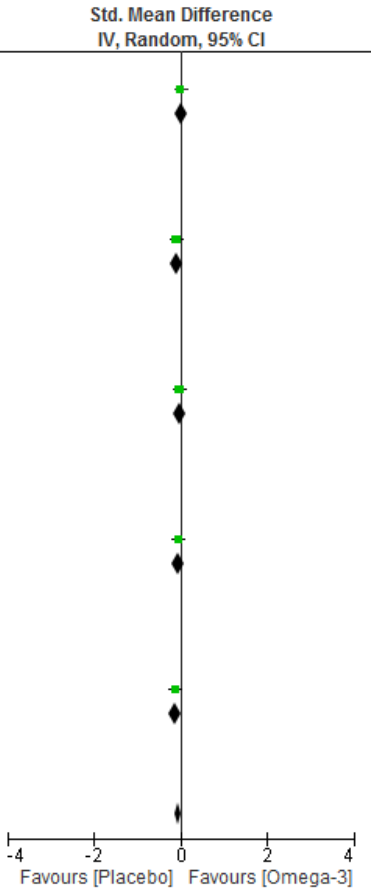
Heterogeneity: Not applicable
Test for overall effect: Z = 0.71 (P = 0.48)



1.6.6 Infant outcomes: Omega-3 versus placebo

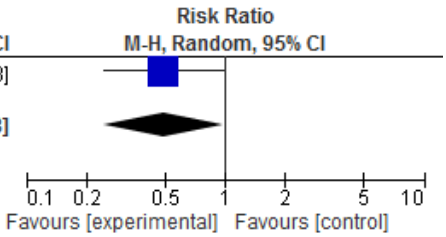
Infant outcomes- Post-treatment- mean scores on the Bayley scales of Infant Development at long-term (78 weeks) follow- up (no risk populations)

Study or Subgroup	Omega-3 Mean	Omega-3 SD	Omega-3 Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
10.2.1 Cognitive standardised score								
MAKRIDES2010	101.81	11.05	351	101.75	12.56	375	20.0%	0.01 [-0.14, 0.15]
Subtotal (95% CI)			**351**			**375**	**20.0%**	**0.01 [-0.14, 0.15]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.07 (P = 0.95)								
10.2.2 Language standardised score								
MAKRIDES2010	96.47	13.63	351	97.94	15.33	375	20.0%	-0.10 [-0.25, 0.04]
Subtotal (95% CI)			**351**			**375**	**20.0%**	**-0.10 [-0.25, 0.04]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.36 (P = 0.17)								
10.2.3 Motor standardised score								
MAKRIDES2010	102.63	10.17	351	102.94	10.54	375	20.0%	-0.03 [-0.18, 0.12]
Subtotal (95% CI)			**351**			**375**	**20.0%**	**-0.03 [-0.18, 0.12]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.40 (P = 0.69)								
10.2.4 Social-Emotional standardised score								
MAKRIDES2010	106.32	17.49	351	107.27	17.66	375	20.0%	-0.05 [-0.20, 0.09]
Subtotal (95% CI)			**351**			**375**	**20.0%**	**-0.05 [-0.20, 0.09]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.73 (P = 0.47)								
10.2.5 Adaptive Behavior standardised score								
MAKRIDES2010	99.17	13.95	351	100.75	14.45	375	20.0%	-0.11 [-0.26, 0.03]
Subtotal (95% CI)			**351**			**375**	**20.0%**	**-0.11 [-0.26, 0.03]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.49 (P = 0.14)								
Total (95% CI)			**1755**			**1875**	**100.0%**	**-0.06 [-0.12, 0.01]**
Heterogeneity: Tau² = 0.00; Chi² = 1.71, df = 4 (P = 0.79); I² = 0%								
Test for overall effect: Z = 1.75 (P = 0.08)								
Test for subgroup differences: Chi² = 1.71, df = 4 (P = 0.79), I² = 0%								



Infant outcomes- Post-treatment- delayed cognitive performance at long term (78 weeks) follow-up (no risk populations)

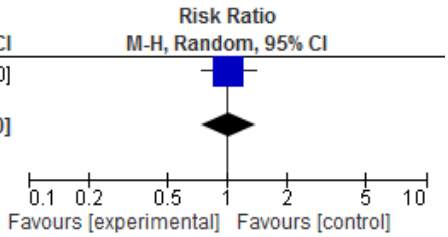
Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
MAKRIDES2010	11	351	24	375	100.0%	0.49 [0.24, 0.98]
Total (95% CI)		**351**		**375**	**100.0%**	**0.49 [0.24, 0.98]**
Total events	11		24			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.00 (P = 0.05)						



Infant outcomes- Post-treatment- delayed language performance at long term (78 weeks) follow-up (no risk populations)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
MAKRIDES2010	62	351	65	375	100.0%	1.02 [0.74, 1.40]
Total (95% CI)		**351**		**375**	**100.0%**	**1.02 [0.74, 1.40]**
Total events	62		65			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.12 (P = 0.91)

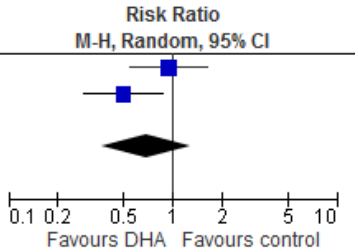


1.6.7 Leaving the study early: Omega-3 versus placebo

Leaving the study early- Post-treatment- end of the intervention (no risk populations)

Study or Subgroup	Docosahexaenoic acid Events	Docosahexaenoic acid Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
LLORENTE2003	18	69	19	69	50.3%	0.95 [0.55, 1.64]
MAKRIDES2010	18	1197	36	1202	49.7%	0.50 [0.29, 0.88]
Total (95% CI)		**1266**		**1271**	**100.0%**	**0.69 [0.37, 1.30]**
Total events	36		55			

Heterogeneity: Tau² = 0.13; Chi² = 2.58, df = 1 (P = 0.11); I² = 61%
Test for overall effect: Z = 1.15 (P = 0.25)

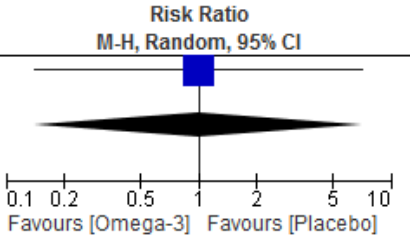


1.6.8 Adverse events/ Service utilisation: Omega-3 versus placebo

Maternal hospitalisation for serious adverse events- Post-treatment- end of the intervention or first measurement (no risk populations)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
MAKRIDES2010	2	1197	2	1202	100.0%	1.00 [0.14, 7.12]
Total (95% CI)		**1197**		**1202**	**100.0%**	**1.00 [0.14, 7.12]**
Total events	2		2			

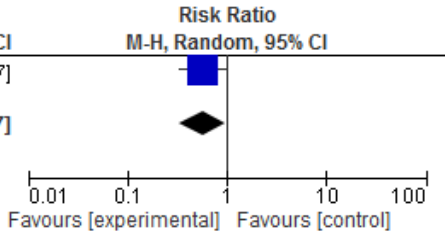
Heterogeneity: Not applicable
Test for overall effect: Z = 0.00 (P = 1.00)



Infant admission to neonatal intensive care hospitalisation for serious adverse events- Post-treatment- end of the intervention or first measurement (no risk populations)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
MAKRIDES2010	21	1197	37	1202	100.0%	0.57 [0.34, 0.97]
Total (95% CI)		**1197**		**1202**	**100.0%**	**0.57 [0.34, 0.97]**
Total events	21		37			

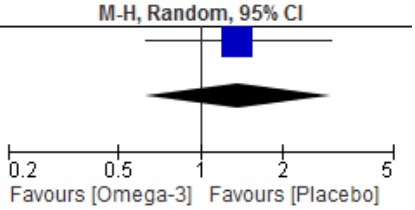
Heterogeneity: Not applicable
Test for overall effect: Z = 2.08 (P = 0.04)



Major congenital abnormality of the infant- Post-treatment- long-term (78 weeks) follow-up (no risk populations)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
MAKRIDES2010	15	1197	11	1202	100.0%	1.37 [0.63, 2.97]
Total (95% CI)		**1197**		**1202**	**100.0%**	**1.37 [0.63, 2.97]**
Total events	15		11			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.80 (P = 0.43)



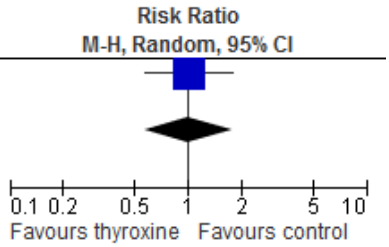
1.7 PHARMACOLOGICAL INTERVENTIONS (RISK FACTORS)

1.7.1 Depression: Thyroxine versus placebo

Depression symptomology- Post-treatment- above threshold at endpoint or first measurement (risk populations)

Study or Subgroup	Thyroxine Events	Thyroxine Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HARRIS2002	21	174	20	167	100.0%	1.01 [0.57, 1.79]
Total (95% CI)		**174**		**167**	**100.0%**	**1.01 [0.57, 1.79]**
Total events	21		20			

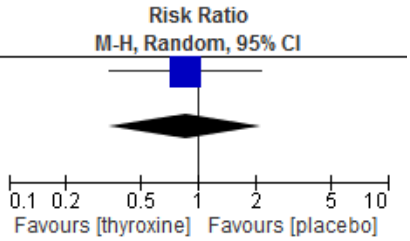
Heterogeneity: Not applicable
Test for overall effect: Z = 0.03 (P = 0.98)



Depression diagnosis- Post treatment- major depression (definite and probable cases) at endpoint or first measurement (risk populations)

Study or Subgroup	Thyroxine Events	Thyroxine Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HARRIS2002	8	174	9	167	100.0%	0.85 [0.34, 2.16]
Total (95% CI)		**174**		**167**	**100.0%**	**0.85 [0.34, 2.16]**
Total events	8		9			

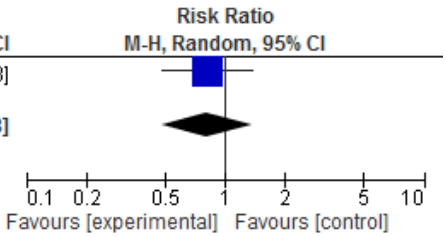
Heterogeneity: Not applicable
Test for overall effect: Z = 0.34 (P = 0.74)



Depression diagnosis- Post treatment- any depression diagnosis at endpoint or first measurement (risk populations)

Study or Subgroup	Thyroxine Events	Thyroxine Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
HARRIS2002	22	174	26	167	100.0%	0.81 [0.48, 1.38]
Total (95% CI)		**174**		**167**	**100.0%**	**0.81 [0.48, 1.38]**
Total events	22		26			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.77 (P = 0.44)

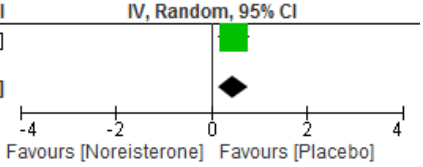


1.7.2 Depression: Norethisterone versus placebo

Depression mean scores- Post treatment- at endpoint or first measurement (risk populations)

Study or Subgroup	Norethisterone Mean	Norethisterone SD	Norethisterone Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
LAWRIE1998	10.6	6.5	86	7.5	7	77	100.0%	0.46 [0.15, 0.77]
Total (95% CI)			**86**			**77**	**100.0%**	**0.46 [0.15, 0.77]**

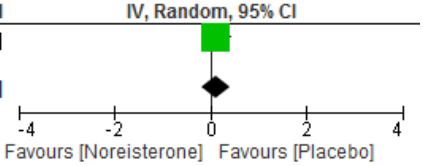
Heterogeneity: Not applicable
Test for overall effect: Z = 2.88 (P = 0.004)



Depression mean scores- Post treatment- at short-term follow-up (risk populations)

Study or Subgroup	Noreisterone Mean	Noreisterone SD	Noreisterone Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
LAWRIE1998	9.3	6.5	87	8.5	7.2	81	100.0%	0.12 [-0.19, 0.42]
Total (95% CI)			**87**			**81**	**100.0%**	**0.12 [-0.19, 0.42]**

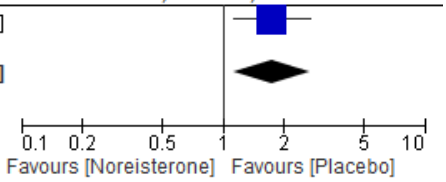
Heterogeneity: Not applicable
Test for overall effect: Z = 0.75 (P = 0.45)



Depression symptomology- Post treatment- at endpoint or first measurement (risk populations)

Study or Subgroup	Noreisterone Events	Noreisterone Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
LAWRIE1998	39	86	20	77	100.0%	1.75 [1.12, 2.72]
Total (95% CI)		**86**		**77**	**100.0%**	**1.75 [1.12, 2.72]**
Total events	39		20			

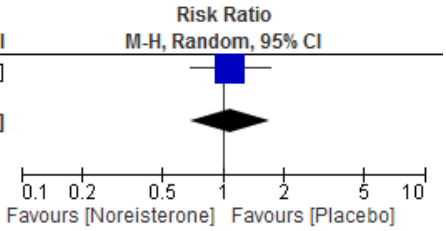
Heterogeneity: Not applicable
Test for overall effect: Z = 2.47 (P = 0.01)



Depression symptomology- Post treatment- above depression threshold at short-term (9-16 week) follow-up (risk populations)

Study or Subgroup	Noreisterone Events	Total	Placebo Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
LAWRIE1998	28	87	24	81	100.0%	1.09 [0.69, 1.71]
Total (95% CI)		**87**		**81**	**100.0%**	**1.09 [0.69, 1.71]**
Total events	28		24			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.36 (P = 0.72)

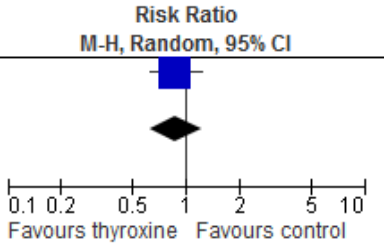


1.7.3 Compliance: Thyroxine versus placebo

Compliance- Post-treatment- numbers not compliant at endpoint or first measurement (risk populations)

Study or Subgroup	Thyroxine Events	Total	Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
HARRIS2002	49	223	56	223	100.0%	0.88 [0.63, 1.22]
Total (95% CI)		**223**		**223**	**100.0%**	**0.88 [0.63, 1.22]**
Total events	49		56			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.78 (P = 0.44)

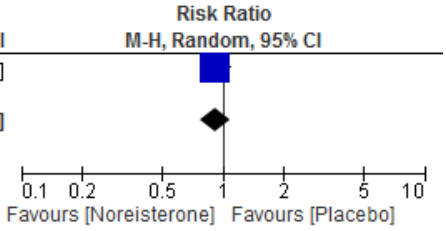


1.7.4 Mother-Infant interaction: Norethisterone versus placebo

Breastfeeding - Post-treatment- exclusive or partial breastfeeding at endpoint or first measurement (risk populations)

Study or Subgroup	Noreisterone Events	Total	Placebo Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
LAWRIE1998	63	86	64	80	100.0%	0.92 [0.77, 1.08]
Total (95% CI)		**86**		**80**	**100.0%**	**0.92 [0.77, 1.08]**
Total events	63		64			

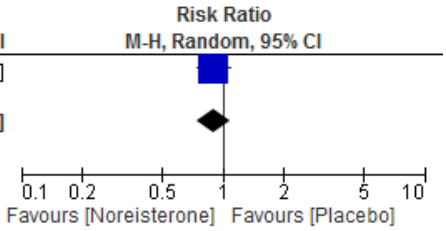
Heterogeneity: Not applicable
Test for overall effect: Z = 1.03 (P = 0.30)



Breastfeeding - Post-treatment- exclusive or partial breastfeeding at short term (13 weeks) follow-up (risk populations)

Study or Subgroup	Noreisterone Events	Total	Placebo Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
LAWRIE1998	59	87	61	81	100.0%	0.90 [0.74, 1.09]
Total (95% CI)		**87**		**81**	**100.0%**	**0.90 [0.74, 1.09]**
Total events	59		61			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.08 (P = 0.28)

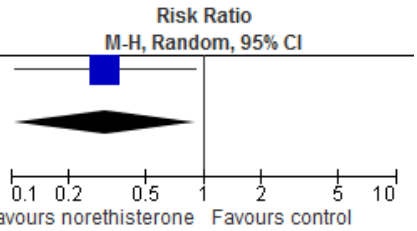


1.7.5 Leaving the study early: Norethisterone versus placebo

Leaving the study early- Post-treatment- end of the intervention (risk populations)

Study or Subgroup	Norethisterone Events	Norethisterone Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
LAWRIE1998	4	90	13	90	100.0%	0.31 [0.10, 0.91]
Total (95% CI)		**90**		**90**	**100.0%**	**0.31 [0.10, 0.91]**
Total events	4		13			

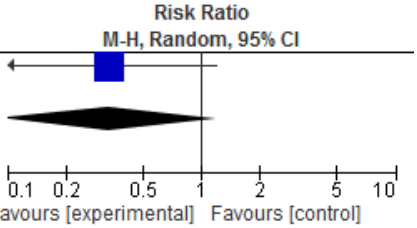
Heterogeneity: Not applicable
Test for overall effect: Z = 2.14 (P = 0.03)



Leaving the study early- Post-treatment short-term (17-19 weeks) follow-up (risk populations)

Study or Subgroup	Norethisterone Events	Norethisterone Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
LAWRIE1998	3	90	9	90	100.0%	0.33 [0.09, 1.19]
Total (95% CI)		**90**		**90**	**100.0%**	**0.33 [0.09, 1.19]**
Total events	3		9			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.69 (P = 0.09)

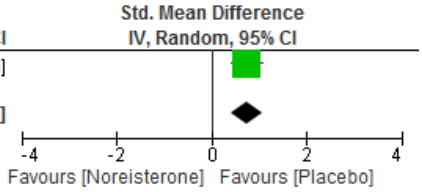


1.7.6 Adverse events: Norethisterone versus placebo

Vaginal bleeding- Post treatment- number of days at endpoint or first measurement (risk populations)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LAWRIE1998	26.3	1.5	85	17	17.9	79	100.0%	0.74 [0.43, 1.06]
Total (95% CI)			**85**			**79**	**100.0%**	**0.74 [0.43, 1.06]**

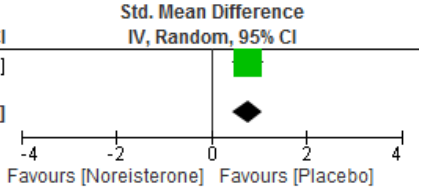
Heterogeneity: Not applicable
Test for overall effect: Z = 4.59 (P < 0.00001)



Vaginal bleeding- Post treatment- number of days at short-term follow-up (risk populations)

Study or Subgroup	Noreisterone Mean	Noreisterone SD	Noreisterone Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
LAWRIE1998	34.9	2.1	85	21	25.8	79	100.0%	0.77 [0.45, 1.09]
Total (95% CI)			**85**			**79**	**100.0%**	**0.77 [0.45, 1.09]**

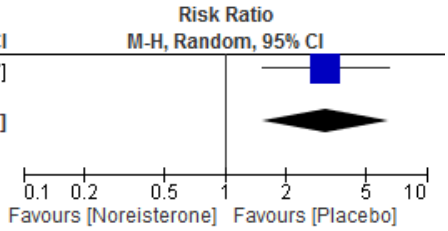
Heterogeneity: Not applicable
Test for overall effect: Z = 4.75 (P < 0.00001)



Troublesome bleeding- Post treatment- number at endpoint or first measurement (risk populations)

Study or Subgroup	Noreisterone Events	Noreisterone Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
LAWRIE1998	27	85	8	80	100.0%	3.18 [1.53, 6.57]
Total (95% CI)		**85**		**80**	**100.0%**	**3.18 [1.53, 6.57]**
Total events	27		8			

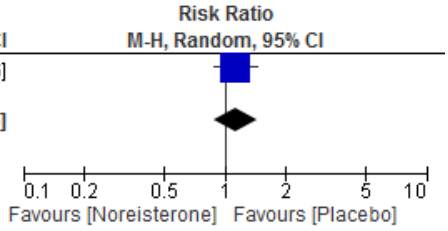
Heterogeneity: Not applicable
Test for overall effect: Z = 3.11 (P = 0.002)



Sexual interest- Post treatment- no return of sexual interest at endpoint or first measurement (risk populations)

Study or Subgroup	Noreisterone Events	Noreisterone Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
LAWRIE1998	51	77	42	72	100.0%	1.14 [0.88, 1.46]
Total (95% CI)		**77**		**72**	**100.0%**	**1.14 [0.88, 1.46]**
Total events	51		42			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.99 (P = 0.32)



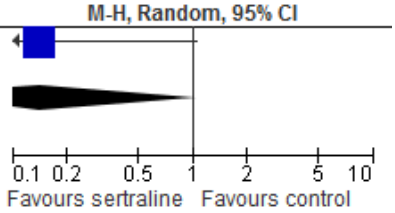
1.8 PHARMACOLOGICAL INTERVENTIONS: PREVENTION (PROPHYLAXIS)

1.8.1 Depression: SSRI (Sertraline) versus placebo

Recurrence of depression- Post-treatment- number at endpoint or first measurement (prophylaxis)

Study or Subgroup	Sertraline Events	Sertraline Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2004	1	14	4	8	100.0%	0.14 [0.02, 1.07]
Total (95% CI)		**14**		**8**	**100.0%**	**0.14 [0.02, 1.07]**
Total events	1		4			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.90 (P = 0.06)

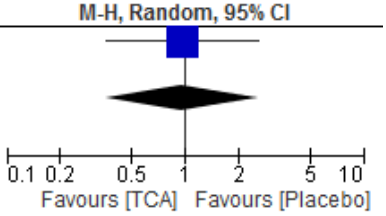


1.8.2 Depression: TCA (Nortriptyline) versus placebo

Recurrence of depression- Post-treatment- number at endpoint or first measurement (prophylaxis)

Study or Subgroup	TCA Events	TCA Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2001	6	26	6	25	100.0%	0.96 [0.36, 2.59]
Total (95% CI)		**26**		**25**	**100.0%**	**0.96 [0.36, 2.59]**
Total events	6		6			

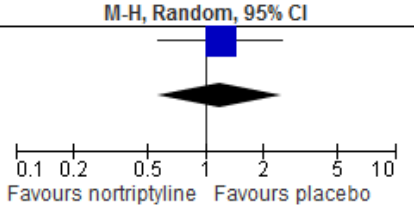
Heterogeneity: Not applicable
Test for overall effect: Z = 0.08 (P = 0.94)



Recurrence of depression- Post-treatment- number at long-term (25-103 weeks) follow-up (prophylaxis)

Study or Subgroup	Nortriptyline Events	Nortriptyline Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2001	10	26	8	25	100.0%	1.20 [0.57, 2.55]
Total (95% CI)		**26**		**25**	**100.0%**	**1.20 [0.57, 2.55]**
Total events	10		8			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.48 (P = 0.63)

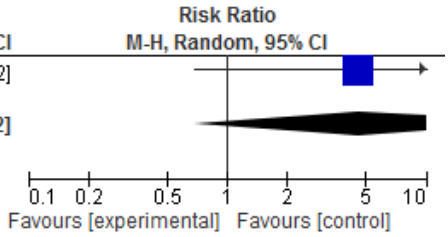


1.8.3 Adverse events: SSRI (Sertraline) versus placebo

Dizziness- Post-treatment- number at endpoint or first measurement (prophylaxis)

Study or Subgroup	Sertraline Events	Sertraline Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2004	8	14	1	8	100.0%	4.57 [0.69, 30.22]
Total (95% CI)		**14**		**8**	**100.0%**	**4.57 [0.69, 30.22]**
Total events	8		1			

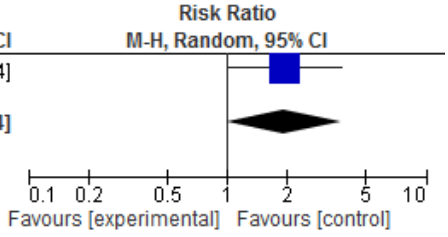
Heterogeneity: Not applicable
Test for overall effect: Z = 1.58 (P = 0.11)



Drowsiness- Post-treatment- number at endpoint or first measurement (prophylaxis)

Study or Subgroup	Sertraline Events	Sertraline Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2004	14	14	4	8	100.0%	1.93 [1.00, 3.74]
Total (95% CI)		**14**		**8**	**100.0%**	**1.93 [1.00, 3.74]**
Total events	14		4			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.96 (P = 0.05)

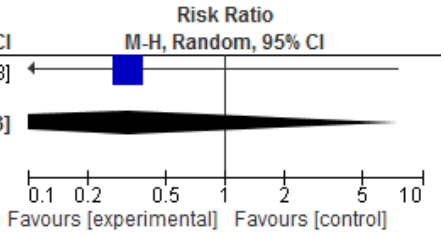


1.8.4 Adverse events: TCA (Nortriptyline) versus placebo

Discontinuation due to adverse events- Post treatment- number at endpoint or first measurement (prophylaxis)

Study or Subgroup	Nortriptyline Events	Nortriptyline Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2001	0	26	1	25	100.0%	0.32 [0.01, 7.53]
Total (95% CI)		**26**		**25**	**100.0%**	**0.32 [0.01, 7.53]**
Total events	0		1			

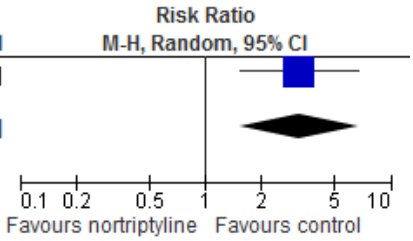
Heterogeneity: Not applicable
Test for overall effect: Z = 0.71 (P = 0.48)



Constipation- Post treatment- number at endpoint or first measurement (prophylaxis)

Study or Subgroup	Nortriptyline Events	Nortriptyline Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2001	20	26	6	25	100.0%	3.21 [1.55, 6.64]
Total (95% CI)		**26**		**25**	**100.0%**	**3.21 [1.55, 6.64]**
Total events	20		6			

Heterogeneity: Not applicable
Test for overall effect: Z = 3.13 (P = 0.002)

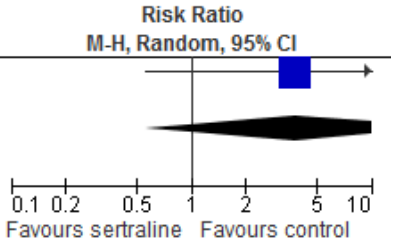


1.8.5 Leaving the study early: SSRI (Sertraline) versus placebo

Leaving the study early for any reason except recurrence- Post-treatment- number at endpoint (prophylaxis)

Study or Subgroup	Sertraline Events	Sertraline Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2004	8	17	1	8	100.0%	3.76 [0.56, 25.21]
Total (95% CI)		**17**		**8**	**100.0%**	**3.76 [0.56, 25.21]**
Total events	8		1			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.37 (P = 0.17)

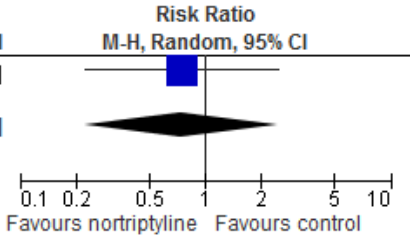


1.8.6 Leaving the study early: TCA (Nortriptyline) versus placebo

Leaving the study early for any reason except recurrence- Post-treatment- number at endpoint (prophylaxis)

Study or Subgroup	Nortriptyline Events	Nortriptyline Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2001	4	29	5	27	100.0%	0.74 [0.22, 2.49]
Total (95% CI)		**29**		**27**	**100.0%**	**0.74 [0.22, 2.49]**
Total events	4		5			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.48 (P = 0.63)



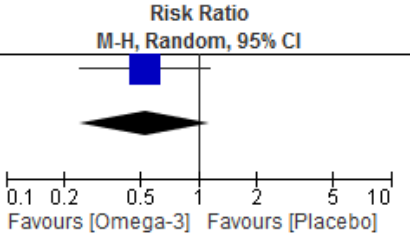
1.9 PHARMACOLOGICAL INTERVENTIONS: TREATMENT

1.9.1 Non-Response: Omega-3 versus Placebo

Non-response- Post-treatment- number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
SU2008	5	13	8	11	100.0%	0.53 [0.24, 1.15]
Total (95% CI)		**13**		**11**	**100.0%**	**0.53 [0.24, 1.15]**
Total events	5		8			

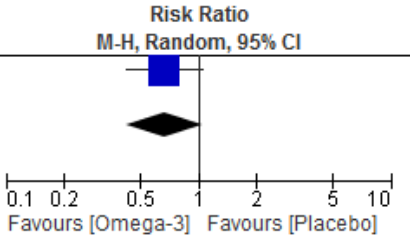
Heterogeneity: Not applicable
Test for overall effect: Z = 1.61 (P = 0.11)



Non-response- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
SU2008	10	18	15	18	100.0%	0.67 [0.42, 1.06]
Total (95% CI)		**18**		**18**	**100.0%**	**0.67 [0.42, 1.06]**
Total events	10		15			

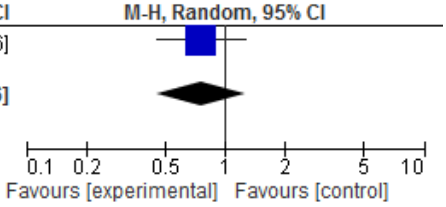
Heterogeneity: Not applicable
Test for overall effect: Z = 1.72 (P = 0.09)



Non-remission- Post-treatment- number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
SU2008	8	13	9	11	100.0%	0.75 [0.45, 1.26]
Total (95% CI)		**13**		**11**	**100.0%**	**0.75 [0.45, 1.26]**
Total events	8		9			

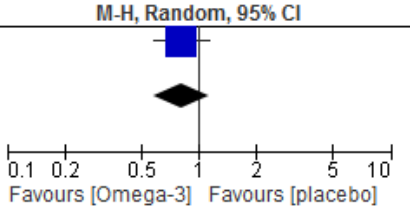
Heterogeneity: Not applicable
Test for overall effect: Z = 1.09 (P = 0.28)



Non-remission- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
SU2008	13	18	16	18	100.0%	0.81 [0.58, 1.13]
Total (95% CI)		**18**		**18**	**100.0%**	**0.81 [0.58, 1.13]**
Total events	13		16			

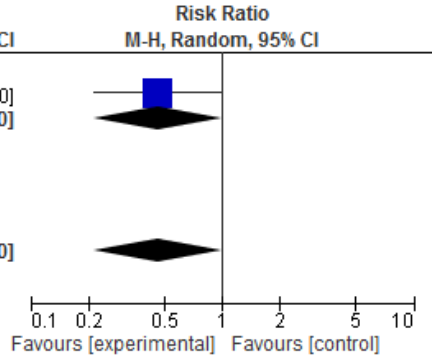
Heterogeneity: Not applicable
Test for overall effect: Z = 1.23 (P = 0.22)



1.9.2 Non-response to treatment: SSRIs (sertraline/paroxetine) versus placebo

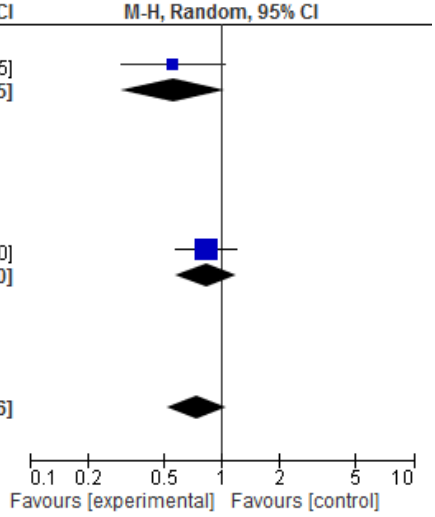
Non-response- Post-treatment- number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Antidepressants Events	Antidepressants Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
2.1.2 Sertraline vs placebo						
HANTSOO2014	5	15	13	18	100.0%	0.46 [0.21, 1.00]
Subtotal (95% CI)		**15**		**18**	**100.0%**	**0.46 [0.21, 1.00]**
Total events	5		13			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.97 (P = 0.05)						
Total (95% CI)		**15**		**18**	**100.0%**	**0.46 [0.21, 1.00]**
Total events	5		13			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.97 (P = 0.05)						
Test for subgroup differences: Not applicable						



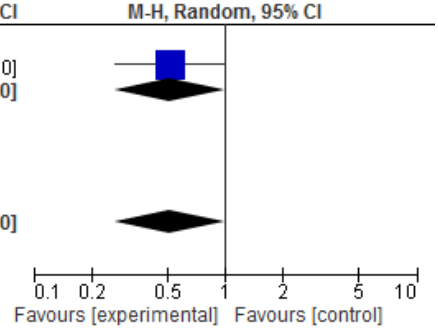
Non-response- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	Antidepressants Events	Antidepressants Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
2.2.1 Sertraline vs placebo						
HANTSOO2014	7	17	14	19	29.0%	0.56 [0.30, 1.05]
Subtotal (95% CI)		**17**		**19**	**29.0%**	**0.56 [0.30, 1.05]**
Total events	7		14			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.81 (P = 0.07)						
2.2.3 Paroxetine vs placebo						
YONKERS2008	20	35	24	35	71.0%	0.83 [0.58, 1.20]
Subtotal (95% CI)		**35**		**35**	**71.0%**	**0.83 [0.58, 1.20]**
Total events	20		24			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.98 (P = 0.33)						
Total (95% CI)		**52**		**54**	**100.0%**	**0.74 [0.52, 1.06]**
Total events	27		38			
Heterogeneity: Tau² = 0.01; Chi² = 1.18, df = 1 (P = 0.28); I² = 16%						
Test for overall effect: Z = 1.63 (P = 0.10)						
Test for subgroup differences: Chi² = 1.16, df = 1 (P = 0.28), I² = 14.0%						



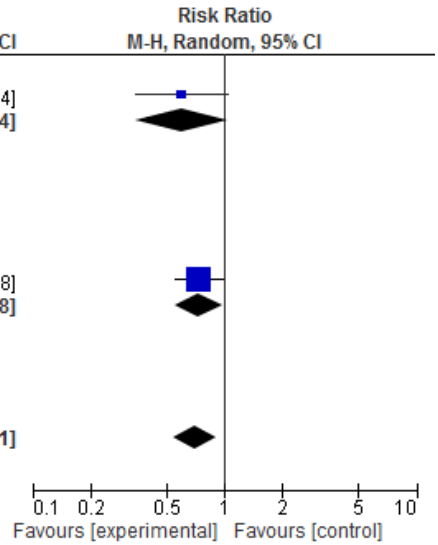
Non-remission- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	Antidepressants Events	Total	Placebo Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
2.3.2 Sertraline vs placebo						
HANTSOO2014	6	15	14	18	100.0%	0.51 [0.26, 1.00]
Subtotal (95% CI)		**15**		**18**	**100.0%**	**0.51 [0.26, 1.00]**
Total events	6		14			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.95 (P = 0.05)						
Total (95% CI)		**15**		**18**	**100.0%**	**0.51 [0.26, 1.00]**
Total events	6		14			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.95 (P = 0.05)						
Test for subgroup differences: Not applicable						



Non-remission- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

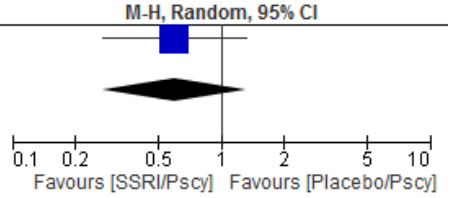
Study or Subgroup	Antidepressants Events	Total	Placebo Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
2.4.1 Sertraline vs placebo						
HANTSOO2014	8	17	15	19	21.3%	0.60 [0.34, 1.04]
Subtotal (95% CI)		**17**		**19**	**21.3%**	**0.60 [0.34, 1.04]**
Total events	8		15			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.83 (P = 0.07)						
2.4.2 Paroxetine vs placebo						
YONKERS2008	22	35	30	35	78.7%	0.73 [0.55, 0.98]
Subtotal (95% CI)		**35**		**35**	**78.7%**	**0.73 [0.55, 0.98]**
Total events	22		30			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.11 (P = 0.04)						
Total (95% CI)		**52**		**54**	**100.0%**	**0.70 [0.54, 0.91]**
Total events	30		45			
Heterogeneity: Tau² = 0.00; Chi² = 0.44, df = 1 (P = 0.51); I² = 0%						
Test for overall effect: Z = 2.71 (P = 0.007)						
Test for subgroup differences: Chi² = 0.42, df = 1 (P = 0.52), I² = 0%						



1.9.3 Non-response to treatment: SSRIs in combination with psychological interventions compared with placebo in combination with psychological interventions

Non-response- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

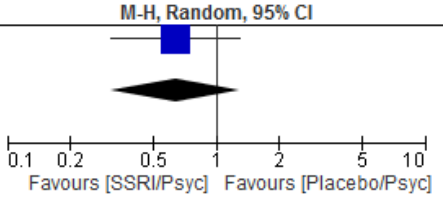
Study or Subgroup	SSRI/Pscy Events	Total	Placebo/Pscy Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
BLOCH2012	6	20	11	22	100.0%	0.60 [0.27, 1.32]
Total (95% CI)		**20**		**22**	**100.0%**	**0.60 [0.27, 1.32]**
Total events	6		11			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.27 (P = 0.20)						



Non-remission- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	SSRI/Pscy Events	SSRI/Pscy Total	Placebo/Pscy Events	Placebo/Pscy Total	Weight	Risk Ratio M-H, Random, 95% CI
BLOCH2012	7	20	12	22	100.0%	0.64 [0.32, 1.30]
Total (95% CI)		**20**		**22**	**100.0%**	**0.64 [0.32, 1.30]**
Total events	7		12			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.23 (P = 0.22)

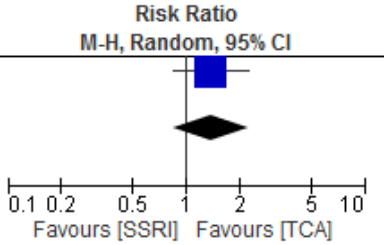


1.9.4 Non-response to treatment: SSRIs verses TCA

Non-response- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	TCA Events	TCA Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	24	55	17	54	100.0%	1.39 [0.84, 2.27]
Total (95% CI)		**55**		**54**	**100.0%**	**1.39 [0.84, 2.27]**
Total events	24		17			

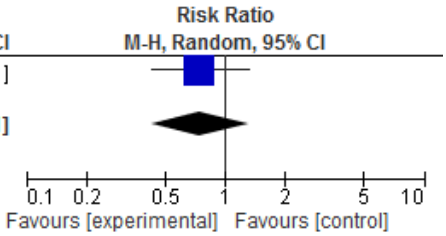
Heterogeneity: Not applicable
Test for overall effect: Z = 1.29 (P = 0.20)



Non-response- Post-treatment- number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	TCA Events	TCA Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	12	36	21	47	100.0%	0.75 [0.43, 1.31]
Total (95% CI)		**36**		**47**	**100.0%**	**0.75 [0.43, 1.31]**
Total events	12		21			

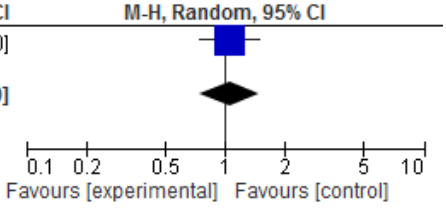
Heterogeneity: Not applicable
Test for overall effect: Z = 1.02 (P = 0.31)



Non-remission- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	TCA Events	TCA Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	30	55	28	54	100.0%	1.05 [0.74, 1.50]
Total (95% CI)		**55**		**54**	**100.0%**	**1.05 [0.74, 1.50]**
Total events	30		28			

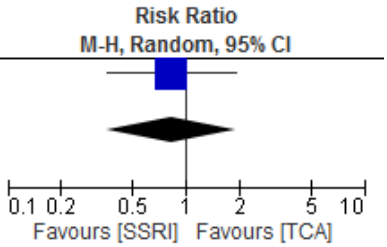
Heterogeneity: Not applicable
Test for overall effect: Z = 0.28 (P = 0.78)



Non-remission- Post-treatment- number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	TCA Events	TCA Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	7	36	11	47	100.0%	0.83 [0.36, 1.93]
Total (95% CI)		**36**		**47**	**100.0%**	**0.83 [0.36, 1.93]**
Total events	7		11			

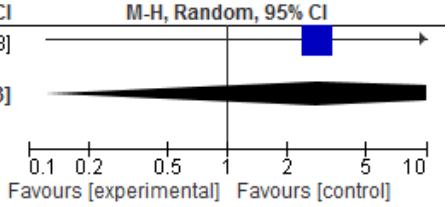
Heterogeneity: Not applicable
Test for overall effect: Z = 0.43 (P = 0.67)



Non-response- Post-treatment- number at intermediate follow-up (20-24 weeks- end of continuation phase) - ITT analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	TCA Events	TCA Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	1	15	0	14	100.0%	2.81 [0.12, 63.83]
Total (95% CI)		**15**		**14**	**100.0%**	**2.81 [0.12, 63.83]**
Total events	1		0			

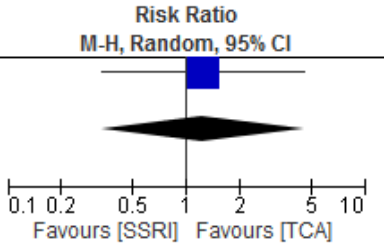
Heterogeneity: Not applicable
Test for overall effect: Z = 0.65 (P = 0.52)



Non-response- Post-treatment- number at intermediate follow-up (20-24 weeks- end of continuation phase)- Available case analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	TCA Events	TCA Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	4	15	3	14	100.0%	1.24 [0.34, 4.60]
Total (95% CI)		**15**		**14**	**100.0%**	**1.24 [0.34, 4.60]**
Total events	4		3			

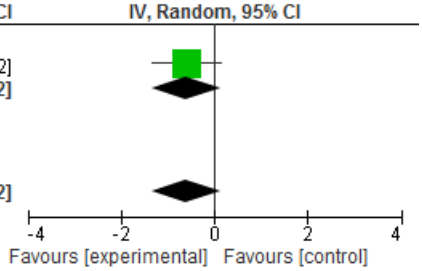
Heterogeneity: Not applicable
Test for overall effect: Z = 0.33 (P = 0.74)



1.9.5 Depression: SSRIs versus Placebo

Mean depression scores Post-treatment- number at endpoint or first measurement- Available case analysis (treatment)

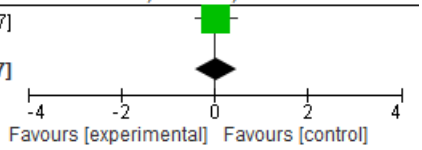
Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
5.2.1 Paroxetine vs placebo								
YONKERS2008	8.6	7.5	17	13.3	7.7	14	100.0%	-0.60 [-1.33, 0.12]
Subtotal (95% CI)			**17**			**14**	**100.0%**	**-0.60 [-1.33, 0.12]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.63 (P = 0.10)								
Total (95% CI)			**17**			**14**	**100.0%**	**-0.60 [-1.33, 0.12]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.63 (P = 0.10)								
Test for subgroup differences: Not applicable								



1.9.6 Depression: SSRIs versus TCA

Mean depression scores Post-treatment- number at endpoint or first measurement- Available case analysis (treatment)

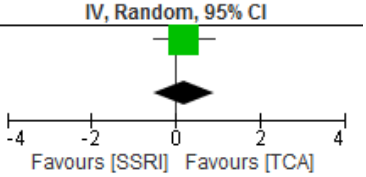
Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
WISNER2006	7.5	5.8	36	7.3	5.9	47	100.0%	0.03 [-0.40, 0.47]
Total (95% CI)			**36**			**47**	**100.0%**	**0.03 [-0.40, 0.47]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.15 (P = 0.88)								



Mean depression scores- Post-treatment- number at intermediate follow-up- Available case analysis (treatment)

Study or Subgroup	SSRI Mean	SSRI SD	SSRI Total	TCA Mean	TCA SD	TCA Total	Weight	Std. Mean Difference IV, Random, 95% CI
WISNER2006	5.4	6.2	15	4.3	4.4	14	100.0%	0.20 [-0.53, 0.93]
Total (95% CI)			**15**			**14**	**100.0%**	**0.20 [-0.53, 0.93]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.53 (P = 0.60)

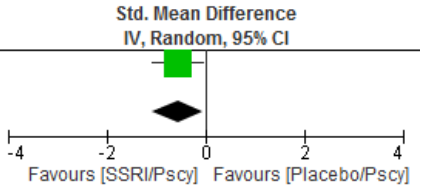


1.9.7 Depression: SSRIs in combination with psychological interventions compared with placebo in combination with psychological interventions

Mean depression scores- Post-treatment- score at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI/Pscy Mean	SSRI/Pscy SD	SSRI/Pscy Total	Placebo/Pscy Mean	Placebo/Pscy SD	Placebo/Pscy Total	Weight	Std. Mean Difference IV, Random, 95% CI
APPLEBY1997	5.3	6.24	29	8.9	6.49	32	100.0%	-0.56 [-1.07, -0.04]
Total (95% CI)			**29**			**32**	**100.0%**	**-0.56 [-1.07, -0.04]**

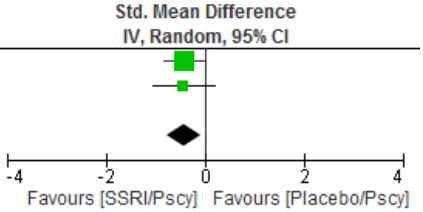
Heterogeneity: Not applicable
Test for overall effect: Z = 2.13 (P = 0.03)



Mean depression scores Post-treatment- score at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	SSRI/Pscy Mean	SSRI/Pscy SD	SSRI/Pscy Total	Placebo/Pscy Mean	Placebo/Pscy SD	Placebo/Pscy Total	Weight	Std. Mean Difference IV, Random, 95% CI
APPLEBY1997	7.3	6.66	43	9.9	5.76	44	68.6%	-0.41 [-0.84, 0.01]
BLOCH2012	8.65	8.75	20	12.5	8.65	20	31.4%	-0.43 [-1.06, 0.19]
Total (95% CI)			**63**			**64**	**100.0%**	**-0.42 [-0.77, -0.07]**

Heterogeneity: Tau² = 0.00; Chi² = 0.00, df = 1 (P = 0.96); I² = 0%
Test for overall effect: Z = 2.34 (P = 0.02)

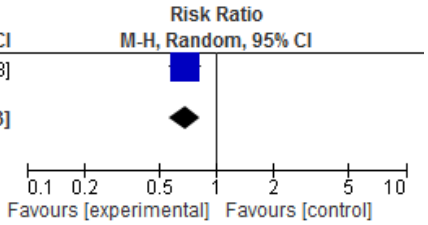


1.9.8 Depression: Antidepressants versus general supportive care

Depression symptomology Post-treatment-above depression threshold at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SHARP2010	58	106	90	112	100.0%	0.68 [0.56, 0.83]
Total (95% CI)		**106**		**112**	**100.0%**	**0.68 [0.56, 0.83]**
Total events	58		90			

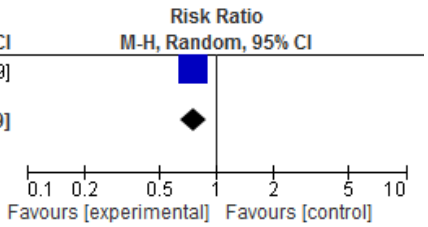
Heterogeneity: Not applicable
Test for overall effect: Z = 3.85 (P = 0.0001)



Depression symptomology Post-treatment-above depression threshold at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
SHARP2010	81	129	103	125	100.0%	0.76 [0.65, 0.89]
Total (95% CI)		**129**		**125**	**100.0%**	**0.76 [0.65, 0.89]**
Total events	81		103			

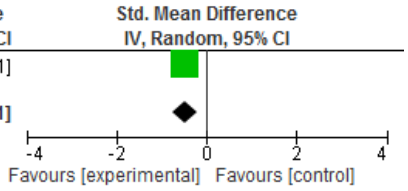
Heterogeneity: Not applicable
Test for overall effect: Z = 3.42 (P = 0.0006)



Mean depression scores- Post-treatment-above depression threshold at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SHARP2010	13.9	5.4	106	16.4	4.9	112	100.0%	-0.48 [-0.75, -0.21]
Total (95% CI)			**106**			**112**	**100.0%**	**-0.48 [-0.75, -0.21]**

Heterogeneity: Not applicable
Test for overall effect: Z = 3.52 (P = 0.0004)

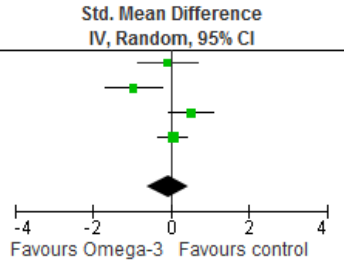


1.9.9 Depression: Omega-3 versus Placebo

Mean depression scores Post-treatment- score at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	Omega-3 Mean	Omega-3 SD	Omega-3 Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
REES2008	8.5	5.5	13	9	5.2	13	20.9%	-0.09 [-0.86, 0.68]
SU2008	8.5	5.5	17	14.3	6.3	16	21.9%	-0.96 [-1.68, -0.23]
FREEMAN2008	10.96	5.92	28	8.09	4.96	23	26.2%	0.51 [-0.05, 1.07]
MOZURKEWICH2013	6.15584	3.726313	77	5.9	6.1	41	31.0%	0.05 [-0.32, 0.43]
Total (95% CI)			**135**			**93**	**100.0%**	**-0.08 [-0.61, 0.46]**

Heterogeneity: Tau² = 0.20; Chi² = 10.05, df = 3 (P = 0.02); I² = 70%
Test for overall effect: Z = 0.29 (P = 0.77)

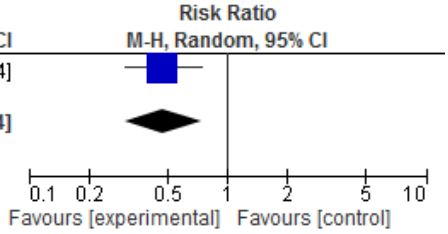


1.9.10 Depression: Hormones (transdermal oestrogen) versus placebo

Depression symptomology- Post-treatment- score at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	Hormones Events	Hormones Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
GREGOIRE1996	14	36	23	28	100.0%	0.47 [0.30, 0.74]
Total (95% CI)		**36**		**28**	**100.0%**	**0.47 [0.30, 0.74]**
Total events	14		23			

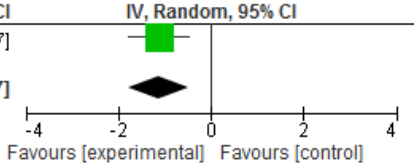
Heterogeneity: Not applicable
Test for overall effect: Z = 3.30 (P = 0.0010)



Depression symptomology- Post-treatment- score at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Hormones Mean	Hormones SD	Hormones Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
GREGOIRE1996	9.75	5.29	28	15.5	4.54	17	100.0%	-1.12 [-1.77, -0.47]
Total (95% CI)			**28**			**17**	**100.0%**	**-1.12 [-1.77, -0.47]**

Heterogeneity: Not applicable
Test for overall effect: Z = 3.39 (P = 0.0007)

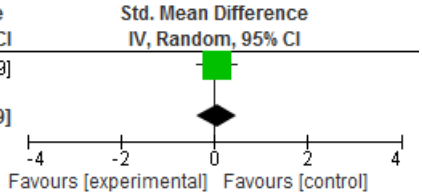


1.9.11 General mental health: SSRIs versus TCA

Mean global assessment of functioning- Post-treatment- score at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
WISNER2006	74.8	12.6	36	74.1	12	47	100.0%	0.06 [-0.38, 0.49]
Total (95% CI)			**36**			**47**	**100.0%**	**0.06 [-0.38, 0.49]**

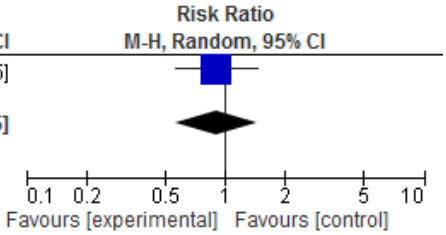
Heterogeneity: Not applicable
Test for overall effect: Z = 0.26 (P = 0.80)



Social problems Post-treatment- number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	TCA Events	TCA Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	16	36	23	47	100.0%	0.91 [0.57, 1.45]
Total (95% CI)		**36**		**47**	**100.0%**	**0.91 [0.57, 1.45]**
Total events	16		23			

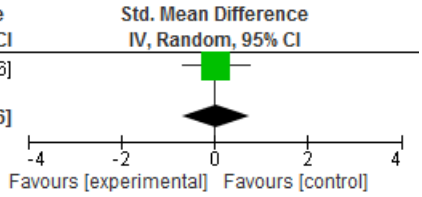
Heterogeneity: Not applicable
Test for overall effect: Z = 0.40 (P = 0.69)



Mean global assessment of functioning- Post-treatment- score at Intermediate follow-up- Available case analysis (treatment)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
WISNER2006	81.7	7.9	15	81.4	9.5	14	100.0%	0.03 [-0.69, 0.76]
Total (95% CI)			**15**			**14**	**100.0%**	**0.03 [-0.69, 0.76]**

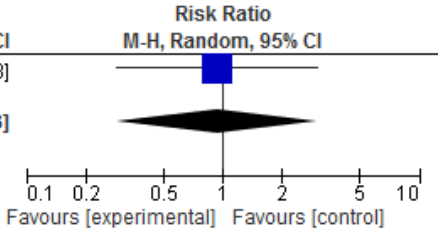
Heterogeneity: Not applicable
Test for overall effect: Z = 0.09 (P = 0.93)



Social problems Post-treatment- number at Intermediate follow-up- Available case analysis (treatment)

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	4	15	4	14	100.0%	0.93 [0.29, 3.03]
Total (95% CI)		**15**		**14**	**100.0%**	**0.93 [0.29, 3.03]**
Total events	4		4			

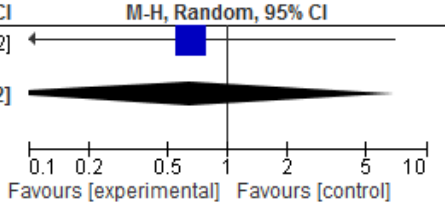
Heterogeneity: Not applicable
Test for overall effect: Z = 0.11 (P = 0.91)



Global severity and improvement- Post-treatment- number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	TCA Events	TCA Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	1	36	2	47	100.0%	0.65 [0.06, 6.92]
Total (95% CI)		**36**		**47**	**100.0%**	**0.65 [0.06, 6.92]**
Total events	1		2			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.35 (P = 0.72)

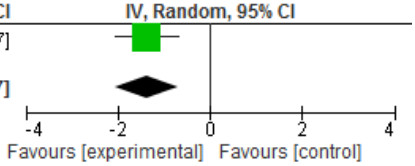


1.9.12 General mental health: SSRIs combined with psychosocial interventions versus placebo combined with psychosocial interventions

Global severity- Post-treatment- mean scores at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	SSRI + psyc Mean	SD	Total	Placebo + psyc Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
BLOCH2012	0.65	1.43	20	2.2	0.65	20	100.0%	-1.37 [-2.06, -0.67]
Total (95% CI)			**20**			**20**	**100.0%**	**-1.37 [-2.06, -0.67]**

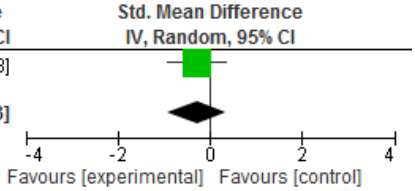
Heterogeneity: Not applicable
Test for overall effect: Z = 3.85 (P = 0.0001)



Global Improvement- Post-treatment- mean scores at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	SSRI + psyc Mean	SD	Total	Placebo + psyc Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
BLOCH2012	1.82	1.41	20	2.3	1.82	20	100.0%	-0.29 [-0.91, 0.33]
Total (95% CI)			**20**			**20**	**100.0%**	**-0.29 [-0.91, 0.33]**

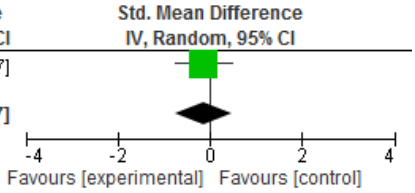
Heterogeneity: Not applicable
Test for overall effect: Z = 0.91 (P = 0.36)



Distress- Post-treatment- mean scores at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI + psyc Mean	SD	Total	Placebo + psyc Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
BLOCH2012	2.69	1.16	20	3.01	2.69	20	100.0%	-0.15 [-0.77, 0.47]
Total (95% CI)			**20**			**20**	**100.0%**	**-0.15 [-0.77, 0.47]**

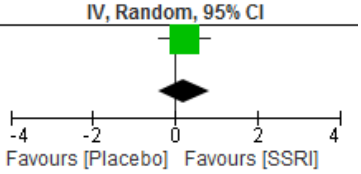
Heterogeneity: Not applicable
Test for overall effect: Z = 0.48 (P = 0.63)



Distress- Post-treatment- mean scores at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	SSRI + psyc Mean	SD	Total	Placebo + psyc Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
BLOCH2012	3.2	1.15	20	2.68	3.2	20	100.0%	0.21 [-0.41, 0.83]
Total (95% CI)			**20**			**20**	**100.0%**	**0.21 [-0.41, 0.83]**

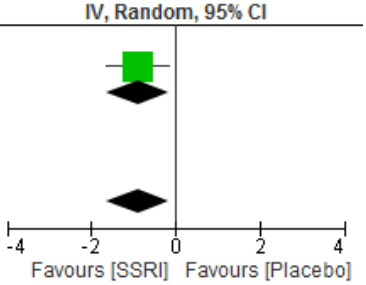
Heterogeneity: Not applicable
Test for overall effect: Z = 0.67 (P = 0.50)



1.9.13 General mental health: SSRIs compared with placebo

Global severity and improvement- Post-treatment- mean scores at endpoint or first measurement- available case analysis (treatment)

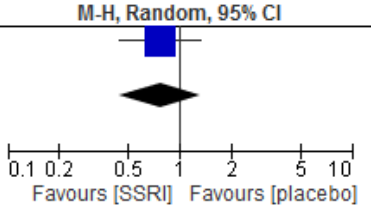
Study or Subgroup	SSRI Mean	SSRI SD	SSRI Total	Placebo Mean	Placebo SD	Placebo Total	Weight	Std. Mean Difference IV, Random, 95% CI
15.1.3 Paroxetine vs placebo								
YONKERS2008	1.8	1.4	17	3.1	1.4	14	100.0%	-0.90 [-1.65, -0.16]
Subtotal (95% CI)			**17**			**14**	**100.0%**	**-0.90 [-1.65, -0.16]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.37 (P = 0.02)								
Total (95% CI)			**17**			**14**	**100.0%**	**-0.90 [-1.65, -0.16]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.37 (P = 0.02)								
Test for subgroup differences: Not applicable								



1.9.14 Service utilisation: SSRIs combined with psychosocial interventions compared with Placebo combined with psychosocial interventions

Loranzepam use- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

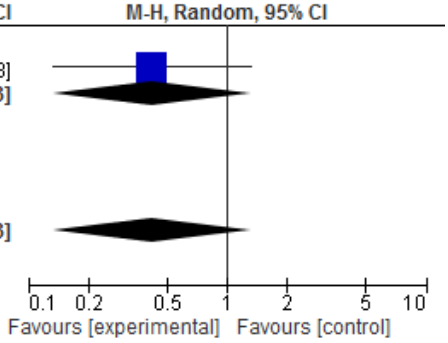
Study or Subgroup	SSRI + psyc Events	SSRI + psyc Total	Placebo + psyc Events	Placebo + psyc Total	Weight	Risk Ratio M-H, Random, 95% CI
BLOCH2012	10	20	13	20	100.0%	0.77 [0.45, 1.32]
Total (95% CI)		**20**		**20**	**100.0%**	**0.77 [0.45, 1.32]**
Total events	10		13			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.95 (P = 0.34)						



1.9.15 Service Utilisation: SSRIs compared with Placebo

Benzodiazepine use- Post-treatment- number at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	Sertraline Events	Sertraline Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
17.1.1 Sertraline versus placebo						
HANTSOO2014	3	17	8	19	100.0%	0.42 [0.13, 1.33]
Subtotal (95% CI)		**17**		**19**	**100.0%**	**0.42 [0.13, 1.33]**
Total events	3		8			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.48 (P = 0.14)						
Total (95% CI)		**17**		**19**	**100.0%**	**0.42 [0.13, 1.33]**
Total events	3		8			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.48 (P = 0.14)						
Test for subgroup differences: Not applicable						

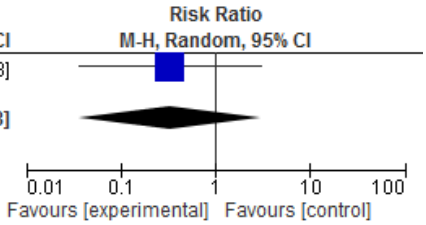


1.9.16 Leaving the Study early: SSRIs combined with psychological interventions compared with Placebo combined with psychological interventions

Leaving the study early due to adverse events- Post-treatment number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI + couns Events	SSRI + couns Total	Placebo + couns Events	Placebo + couns Total	Weight	Risk Ratio M-H, Random, 95% CI
APPLEBY1997	1	43	3	43	100.0%	0.33 [0.04, 3.08]
Total (95% CI)		**43**		**43**	**100.0%**	**0.33 [0.04, 3.08]**
Total events	1		3			

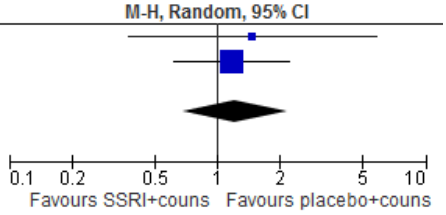
Heterogeneity: Not applicable
Test for overall effect: Z = 0.97 (P = 0.33)



Leaving the study early due for any reason- Post-treatment number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI + couns Events	SSRI + couns Total	Placebo + couns Events	Placebo + couns Total	Weight	Risk Ratio M-H, Random, 95% CI
BLOCH2012	4	20	3	22	18.2%	1.47 [0.37, 5.77]
APPLEBY1997	14	43	12	43	81.8%	1.17 [0.61, 2.22]
Total (95% CI)		**63**		**65**	**100.0%**	**1.22 [0.68, 2.18]**
Total events	18		15			

Heterogeneity: Tau² = 0.00; Chi² = 0.09, df = 1 (P = 0.77); I² = 0%
Test for overall effect: Z = 0.66 (P = 0.51)

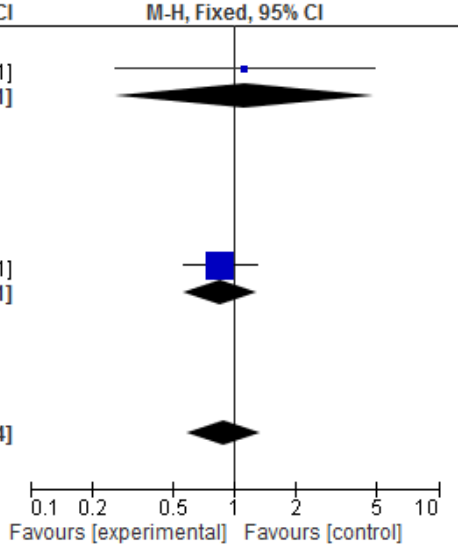


1.9.17 Leaving the Study early: SSRIs compared with Placebo

Leaving the study early due for any reason- Post-treatment number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Fixed, 95% CI
20.2.1 Sertraline versus placebo						
HANTSOO2014	3	17	3	19	11.9%	1.12 [0.26, 4.81]
Subtotal (95% CI)		**17**		**19**	**11.9%**	**1.12 [0.26, 4.81]**
Total events	3		3			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.15 (P = 0.88)						
20.2.2 Paroxetine versus placebo						
YONKERS2008	18	35	21	35	88.1%	0.86 [0.56, 1.31]
Subtotal (95% CI)		**35**		**35**	**88.1%**	**0.86 [0.56, 1.31]**
Total events	18		21			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.72 (P = 0.47)						
Total (95% CI)		**52**		**54**	**100.0%**	**0.89 [0.59, 1.34]**
Total events	21		24			

Heterogeneity: Chi² = 0.12, df = 1 (P = 0.73); I² = 0%
Test for overall effect: Z = 0.56 (P = 0.57)
Test for subgroup differences: Chi² = 0.12, df = 1 (P = 0.73), I² = 0%

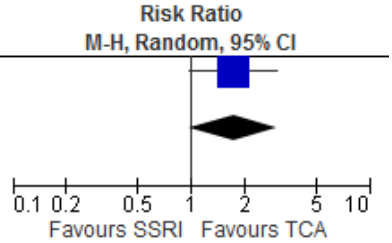


1.9.18 Leaving the Study early: SSRIs compared with TCAs

Leaving the study early due for any reason- Post-treatment number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	SSRI Events	SSRI Total	TCA Events	TCA Total	Weight	Risk Ratio M-H, Random, 95% CI
WISNER2006	23	55	13	54	100.0%	1.74 [0.99, 3.06]
Total (95% CI)		**55**		**54**	**100.0%**	**1.74 [0.99, 3.06]**
Total events	23		13			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.91 (P = 0.06)

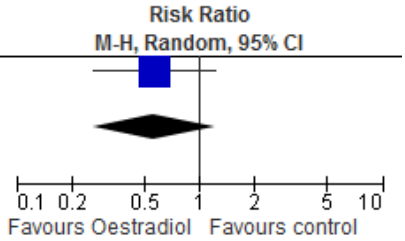


1.9.19 Leaving the Study early: Hormones versus placebo

Leaving the study early due for any reason- Post-treatment number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Oestradiol Events	Oestradiol Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
GREGOIRE1996	8	36	11	28	100.0%	0.57 [0.26, 1.22]
Total (95% CI)		**36**		**28**	**100.0%**	**0.57 [0.26, 1.22]**
Total events	8		11			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.46 (P = 0.14)

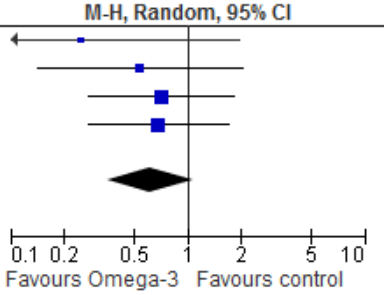


1.9.20 Leaving the Study early: Omega-3 versus Placebo

Leaving the study early due for any reason- Post-treatment number at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
REES2008	1	13	4	13	7.6%	0.25 [0.03, 1.95]
FREEMAN2008	3	31	5	28	17.9%	0.54 [0.14, 2.06]
SU2008	5	18	7	18	36.0%	0.71 [0.28, 1.84]
MOZURKEWICH2013	9	77	7	41	38.5%	0.68 [0.27, 1.70]
Total (95% CI)		**139**		**100**	**100.0%**	**0.62 [0.35, 1.09]**
Total events	18		23			

Heterogeneity: Tau² = 0.00; Chi² = 0.94, df = 3 (P = 0.82); I² = 0%
Test for overall effect: Z = 1.67 (P = 0.09)

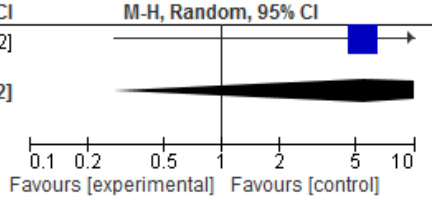


1.9.21 Adverse events: SSRI combined with psychosocial interventions compared with Placebo compared with psychosocial interventions

Major adverse events (hypomanic switch)- Post-treatment number at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	SSRI + psyc Events	SSRI + psyc Total	Placebo + psyc Events	Placebo + psyc Total	Weight	Risk Ratio M-H, Random, 95% CI
BLOCH2012	2	20	0	22	100.0%	5.48 [0.28, 107.62]
Total (95% CI)		**20**		**22**	**100.0%**	**5.48 [0.28, 107.62]**
Total events	2		0			

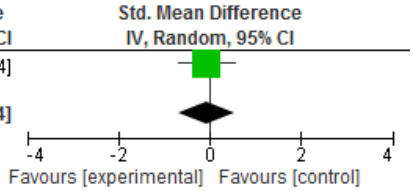
Heterogeneity: Not applicable
Test for overall effect: Z = 1.12 (P = 0.26)



Side events (hypomanic switch)- Post-treatment mean score at endpoint or first measurement- ITT analysis (treatment)

Study or Subgroup	SSRI + psyc Mean	SSRI + psyc SD	SSRI + psyc Total	Placebo + psyc Mean	Placebo + psyc SD	Placebo + psyc Total	Weight	Std. Mean Difference IV, Random, 95% CI
BLOCH2012	14	11.76	20	15.1	14	20	100.0%	-0.08 [-0.70, 0.54]
Total (95% CI)			**20**			**20**	**100.0%**	**-0.08 [-0.70, 0.54]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.26 (P = 0.79)

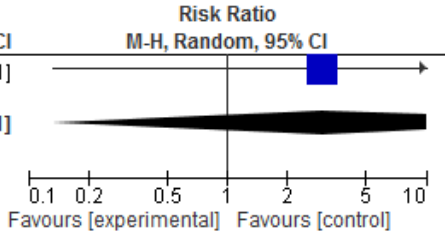


1.9.22 Adverse events: omega-3 versus placebo

Possible hypomanic side effects- Post-treatment mean score at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
REES2008	1	13	0	13	100.0%	3.00 [0.13, 67.51]
Total (95% CI)		**13**		**13**	**100.0%**	**3.00 [0.13, 67.51]**
Total events	1		0			

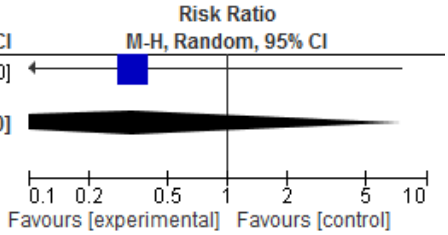
Heterogeneity: Not applicable
Test for overall effect: Z = 0.69 (P = 0.49)



Suicide- Post-treatment mean score at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
REES2008	0	13	1	13	100.0%	0.33 [0.01, 7.50]
Total (95% CI)		**13**		**13**	**100.0%**	**0.33 [0.01, 7.50]**
Total events	0		1			

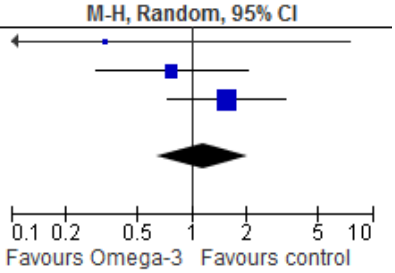
Heterogeneity: Not applicable
Test for overall effect: Z = 0.69 (P = 0.49)



Any mild/transient side effects- Post-treatment mean score at endpoint or first measurement- Available case analysis (treatment)

Study or Subgroup	Omega-3 Events	Omega-3 Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
REES2008	0	13	1	13	3.5%	0.33 [0.01, 7.50]
FREEMAN2008	6	31	7	28	36.3%	0.77 [0.30, 2.03]
SU2008	10	17	6	16	60.2%	1.57 [0.74, 3.31]
Total (95% CI)		**61**		**57**	**100.0%**	**1.15 [0.64, 2.06]**
Total events	16		14			

Heterogeneity: Tau² = 0.00; Chi² = 2.00, df = 2 (P = 0.37); I² = 0%
Test for overall effect: Z = 0.47 (P = 0.64)

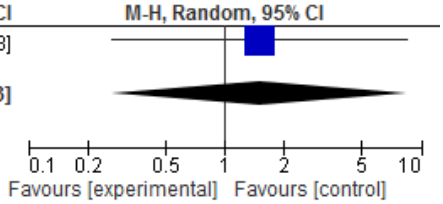


1.9.23 Adverse events: SSRIs versus placebo

Decreased appetite- Post-treatment- number at endpoint or first measurement- Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
YONKERS2008	3	35	2	35	100.0%	1.50 [0.27, 8.43]
Total (95% CI)		**35**		**35**	**100.0%**	**1.50 [0.27, 8.43]**
Total events	3		2			

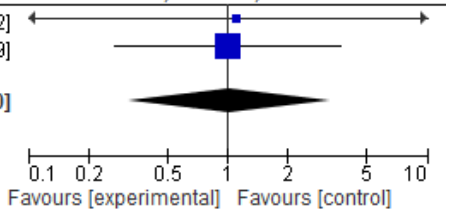
Heterogeneity: Not applicable
Test for overall effect: Z = 0.46 (P = 0.65)



Diarrhoea- Post-treatment- number at endpoint or first measurement- Available case analysis

Study or Subgroup	SSRI Events	SSRI Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
HANTSOO2014	1	17	1	19	19.0%	1.12 [0.08, 16.52]
YONKERS2008	4	35	4	35	81.0%	1.00 [0.27, 3.69]
Total (95% CI)		**52**		**54**	**100.0%**	**1.02 [0.32, 3.30]**
Total events	5		5			

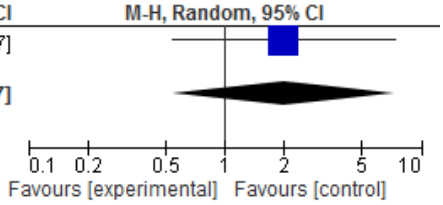
Heterogeneity: Tau² = 0.00; Chi² = 0.01, df = 1 (P = 0.94); I² = 0%
Test for overall effect: Z = 0.04 (P = 0.97)



Dizziness- Post-treatment- number at endpoint or first measurement- Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
YONKERS2008	6	35	3	35	100.0%	2.00 [0.54, 7.37]
Total (95% CI)		**35**		**35**	**100.0%**	**2.00 [0.54, 7.37]**
Total events	6		3			

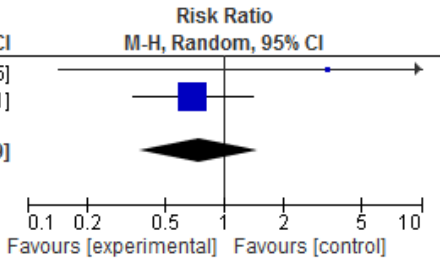
Heterogeneity: Not applicable
Test for overall effect: Z = 1.04 (P = 0.30)



Headache- Post-treatment- number at endpoint or first measurement- Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
HANTSOO2014	1	17	0	19	4.9%	3.33 [0.14, 76.75]
YONKERS2008	9	35	13	35	95.1%	0.69 [0.34, 1.41]
Total (95% CI)		**52**		**54**	**100.0%**	**0.75 [0.37, 1.49]**
Total events	10		13			

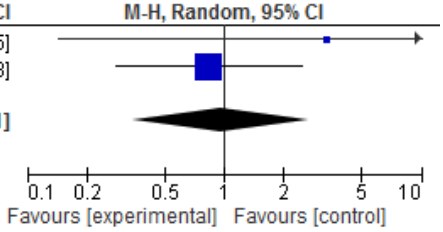
Heterogeneity: Tau² = 0.00; Chi² = 0.94, df = 1 (P = 0.33); I² = 0%
Test for overall effect: Z = 0.83 (P = 0.41)



Nausea- Post-treatment- number at endpoint or first measurement- Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
HANTSOO2014	1	17	0	19	10.8%	3.33 [0.14, 76.75]
YONKERS2008	5	35	6	35	89.2%	0.83 [0.28, 2.48]
Total (95% CI)		**52**		**54**	**100.0%**	**0.97 [0.35, 2.71]**
Total events	6		6			

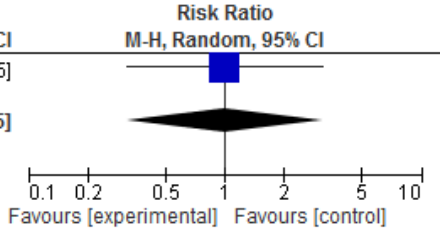
Heterogeneity: Tau² = 0.00; Chi² = 0.68, df = 1 (P = 0.41); I² = 0%
Test for overall effect: Z = 0.06 (P = 0.95)



Somnolence- Post-treatment- number at endpoint or first measurement- Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
YONKERS2008	5	35	5	35	100.0%	1.00 [0.32, 3.15]
Total (95% CI)		**35**		**35**	**100.0%**	**1.00 [0.32, 3.15]**
Total events	5		5			

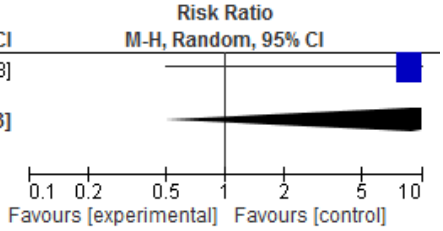
Heterogeneity: Not applicable
Test for overall effect: Z = 0.00 (P = 1.00)



Dry mouth- Post-treatment- number at endpoint or first measurement- Available case analysis

Study or Subgroup	Experimental Events	Experimental Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
YONKERS2008	4	35	0	35	100.0%	9.00 [0.50, 161.13]
Total (95% CI)		**35**		**35**	**100.0%**	**9.00 [0.50, 161.13]**
Total events	4		0			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.49 (P = 0.14)

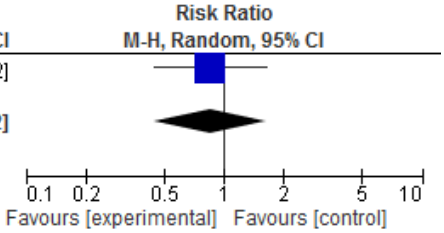


1.9.24 Compliance: SSRIs versus Placebo

Non- compliance - Post-treatment- number at endpoint or first measurement- Available case analysis

Study or Subgroup	Paroxetine Events	Paroxetine Total	Placebo Events	Placebo Total	Weight	Risk Ratio M-H, Random, 95% CI
YONKERS2008	11	35	13	35	100.0%	0.85 [0.44, 1.62]
Total (95% CI)		**35**		**35**	**100.0%**	**0.85 [0.44, 1.62]**
Total events	11		13			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.50 (P = 0.62)



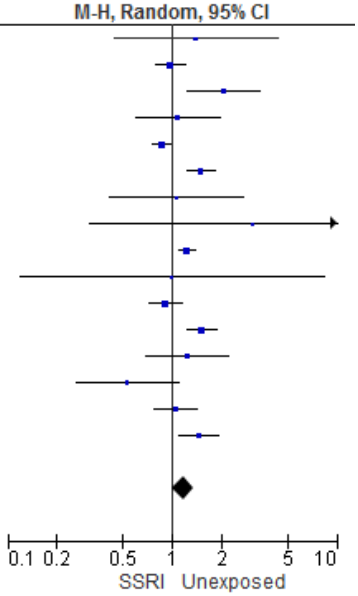
1.10 HARMS FOR ASSOCIATED WITH SPECIFIC DRUGS

1.10.1 Antidepressants: Teratogenic harms

SSRIs- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
CHAMBERS1996	6	164	6	226	1.5%	1.39 [0.44, 4.40]
DAVIS2007	108	805	6723	49031	10.0%	0.98 [0.79, 1.20]
DIAVCITRIN2008	30	601	34	1359	5.1%	2.05 [1.24, 3.38]
EINARSON2009	19	527	31	928	4.3%	1.08 [0.61, 1.94]
KALLEN2007	269	6555	41233	873876	11.3%	0.86 [0.76, 0.98]
KORNUM2010	105	2062	7449	213712	10.1%	1.49 [1.22, 1.81]
KULIN1998	9	222	9	235	2.1%	1.06 [0.41, 2.72]
LEVINSONCASTIEL2006	3	60	1	60	0.4%	3.11 [0.31, 30.73]
MALM2011	303	6976	22305	628607	11.4%	1.23 [1.10, 1.39]
MASCHI2008	1	102	6	612	0.5%	1.00 [0.12, 8.39]
OBERLANDER2008	75	2625	3369	107320	9.4%	0.91 [0.72, 1.14]
PEDERSEN2009	94	1370	22891	493113	9.9%	1.51 [1.23, 1.87]
SIMON2002	30	185	25	185	4.3%	1.24 [0.70, 2.20]
SIVOJELEZOVA2005	108	132	118	132	3.2%	0.53 [0.26, 1.08]
WEN2006	55	972	209	3878	8.1%	1.05 [0.78, 1.43]
WOGELIUS2006	51	1051	5112	150780	8.5%	1.45 [1.10, 1.93]
Total (95% CI)		**24409**		**2524054**	**100.0%**	**1.16 [1.00, 1.35]**
Total events	1266		109521			

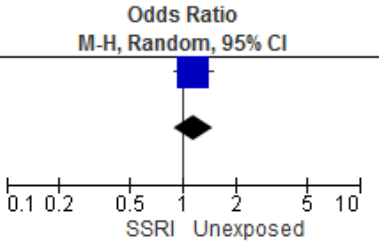
Heterogeneity: Tau² = 0.05; Chi² = 55.22, df = 15 (P < 0.00001); I² = 73%
Test for overall effect: Z = 2.01 (P = 0.04)



SSRIs- Teratogenic harms- Congenital malformations-case control design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
ALWAN2007	230	316	9320	13299	100.0%	1.14 [0.89, 1.47]
Total (95% CI)		**316**		**13299**	**100.0%**	**1.14 [0.89, 1.47]**
Total events	230		9320			

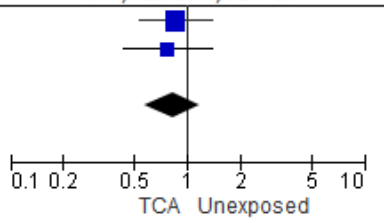
Heterogeneity: Not applicable
Test for overall effect: Z = 1.04 (P = 0.30)



TCAs- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	TCA Events	TCA Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
DAVIS2007	20	167	6811	49669	60.1%	0.86 [0.54, 1.37]
SIMON2002	24	209	30	209	39.9%	0.77 [0.44, 1.38]
Total (95% CI)		**376**		**49878**	**100.0%**	**0.82 [0.57, 1.18]**
Total events	44		6841			

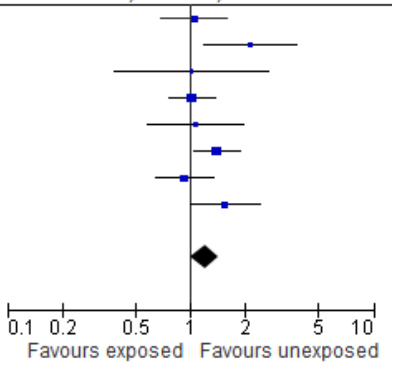
Heterogeneity: Tau² = 0.00; Chi² = 0.07, df = 1 (P = 0.79); I² = 0%
Test for overall effect: Z = 1.06 (P = 0.29)



Paroxetine- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
DAVIS2007	26	182	6805	49654	13.2%	1.05 [0.69, 1.59]
DIAVCITRIN2008	18	348	34	1359	7.8%	2.13 [1.19, 3.81]
EINARSON2009	5	148	31	928	3.2%	1.01 [0.39, 2.64]
KALLEN2007	46	959	41233	873876	20.4%	1.02 [0.76, 1.37]
KORNUM2010	11	297	7449	213712	7.3%	1.07 [0.58, 1.95]
MALM2011	47	968	22305	628607	20.7%	1.39 [1.03, 1.86]
OBERLANDER2008	29	993	3369	107320	15.5%	0.93 [0.64, 1.35]
PEDERSEN2009	21	299	22891	493113	12.0%	1.55 [1.00, 2.42]
Total (95% CI)		**4194**		**2368569**	**100.0%**	**1.20 [1.00, 1.43]**
Total events	203		104117			

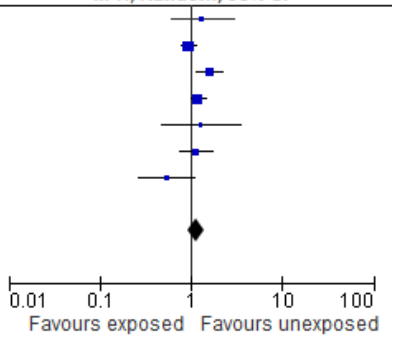
Heterogeneity: Tau² = 0.02; Chi² = 9.65, df = 7 (P = 0.21); I² = 27%
Test for overall effect: Z = 2.01 (P = 0.04)



Citalopram- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	8	184	31	928	5.6%	1.32 [0.59, 2.91]
KALLEN2007	119	2701	41233	873876	26.1%	0.93 [0.77, 1.12]
KORNUM2010	36	658	7449	213712	17.5%	1.60 [1.14, 2.24]
MALM2011	117	2799	22305	628607	26.1%	1.19 [0.98, 1.43]
OBERLANDER2008	4	101	3369	107320	3.7%	1.27 [0.47, 3.46]
PEDERSEN2009	24	460	22891	493113	14.2%	1.13 [0.75, 1.71]
SIVOJELEZOVA2005	108	132	118	132	6.7%	0.53 [0.26, 1.08]
Total (95% CI)		**7035**		**2317688**	**100.0%**	**1.11 [0.91, 1.37]**
Total events	416		97396			

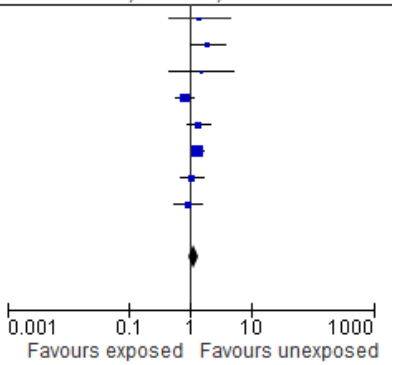
Heterogeneity: Tau² = 0.03; Chi² = 12.94, df = 6 (P = 0.04); I² = 54%
Test for overall effect: Z = 1.03 (P = 0.30)



Fluoxetine- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
CHAMBERS1996	6	164	6	226	2.5%	1.39 [0.44, 4.40]
DIAVCITRIN2008	12	253	34	1359	6.7%	1.94 [0.99, 3.80]
EINARSON2009	3	61	31	928	2.3%	1.50 [0.44, 5.04]
KALLEN2007	36	926	41233	873876	19.8%	0.82 [0.59, 1.14]
KORNUM2010	22	472	7449	213712	14.0%	1.35 [0.88, 2.08]
MALM2011	83	1818	22305	628607	30.6%	1.30 [1.04, 1.62]
OBERLANDER2008	21	638	3369	107320	13.6%	1.05 [0.68, 1.62]
PEDERSEN2009	15	348	22891	493113	10.5%	0.93 [0.55, 1.55]
Total (95% CI)		**4680**		**2319141**	**100.0%**	**1.15 [0.96, 1.39]**
Total events	198		97318			

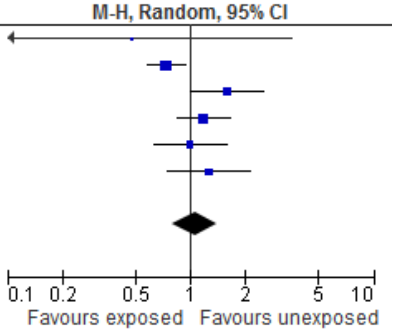
Heterogeneity: Tau² = 0.02; Chi² = 9.30, df = 7 (P = 0.23); I² = 25%
Test for overall effect: Z = 1.51 (P = 0.13)



Sertraline- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	1	61	31	928	1.9%	0.48 [0.06, 3.59]
KALLEN2007	67	1906	41233	873876	25.9%	0.74 [0.58, 0.94]
KORNUM2010	19	352	7449	213712	17.3%	1.58 [0.99, 2.51]
MALM2011	36	869	22305	628607	22.2%	1.17 [0.84, 1.64]
OBERLANDER2008	19	608	3369	107320	17.4%	1.00 [0.63, 1.57]
PEDERSEN2009	15	259	22891	493113	15.4%	1.26 [0.75, 2.13]
Total (95% CI)		**4055**		**2317556**	**100.0%**	**1.06 [0.80, 1.40]**
Total events	157		97278			

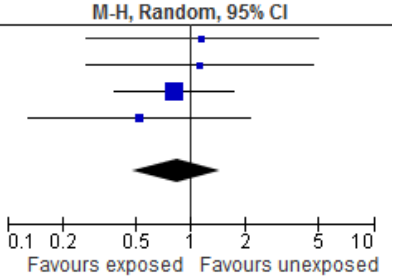
Heterogeneity: Tau² = 0.07; Chi² = 12.10, df = 5 (P = 0.03); I² = 59%
Test for overall effect: Z = 0.39 (P = 0.70)



Fluvoxamine- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	2	52	31	928	14.5%	1.16 [0.27, 4.97]
KALLEN2007	2	38	41233	873876	15.2%	1.12 [0.27, 4.66]
MALM2011	7	240	22305	628607	54.5%	0.82 [0.38, 1.73]
OBERLANDER2008	2	119	3369	107320	15.8%	0.53 [0.13, 2.13]
Total (95% CI)		**449**		**1610731**	**100.0%**	**0.84 [0.48, 1.47]**
Total events	13		66938			

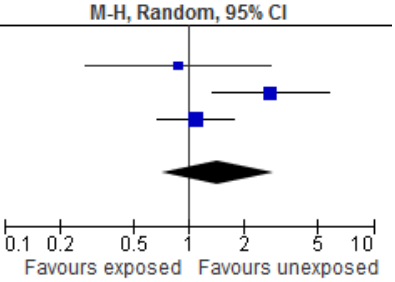
Heterogeneity: Tau² = 0.00; Chi² = 0.79, df = 3 (P = 0.85); I² = 0%
Test for overall effect: Z = 0.61 (P = 0.54)



Escitalopram- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	0	21	31	928		Not estimable
KALLEN2007	3	72	41233	873876	21.8%	0.88 [0.28, 2.79]
KORNUM2010	8	88	7449	213712	34.5%	2.77 [1.34, 5.73]
MALM2011	17	441	22305	628607	43.7%	1.09 [0.67, 1.77]
Total (95% CI)		**601**		**1716195**	**100.0%**	**1.43 [0.72, 2.87]**
Total events	28		70987			

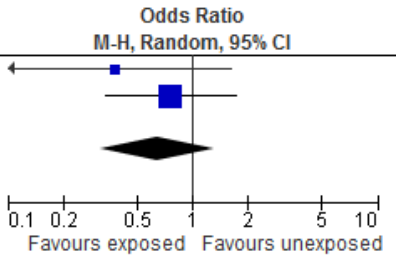
Heterogeneity: Tau² = 0.22; Chi² = 5.16, df = 2 (P = 0.08); I² = 61%
Test for overall effect: Z = 1.02 (P = 0.31)



Venlafaxine- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	2	154	31	928	24.1%	0.38 [0.09, 1.61]
OBERLANDER2008	6	250	3369	107320	75.9%	0.76 [0.34, 1.71]
Total (95% CI)		**404**		**108248**	**100.0%**	**0.64 [0.32, 1.30]**
Total events	8		3400			

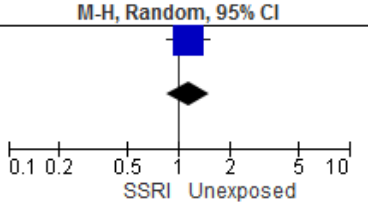
Heterogeneity: Tau² = 0.00; Chi² = 0.68, df = 1 (P = 0.41); I² = 0%
Test for overall effect: Z = 1.23 (P = 0.22)



Any antidepressant- Teratogenic harms- Major congenital malformations-case-cohort design

Study or Subgroup	Antidepressants Events	Antidepressants Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
RAMOS2008	95	1101	94	1228	100.0%	1.14 [0.85, 1.53]
Total (95% CI)		**1101**		**1228**	**100.0%**	**1.14 [0.85, 1.53]**
Total events	95		94			

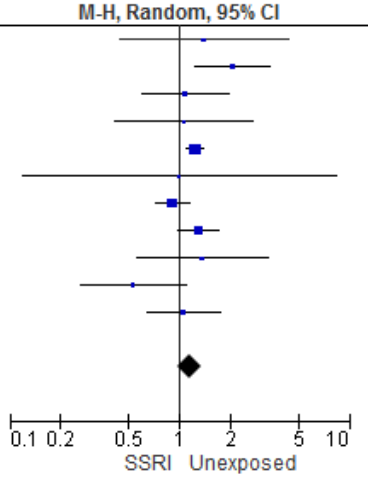
Heterogeneity: Not applicable
Test for overall effect: Z = 0.86 (P = 0.39)



SSRIs- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
CHAMBERS1996	6	164	6	226	1.9%	1.39 [0.44, 4.40]
DIAVCITRIN2008	30	601	34	1359	8.0%	2.05 [1.24, 3.38]
EINARSON2009	19	527	31	928	6.3%	1.08 [0.61, 1.94]
KULIN1998	9	222	9	235	2.7%	1.06 [0.41, 2.72]
MALM2011	303	6976	22305	628607	28.1%	1.23 [1.10, 1.39]
MASCHI2008	1	102	6	612	0.6%	1.00 [0.12, 8.39]
OBERLANDER2008	75	2625	3369	107320	19.6%	0.91 [0.72, 1.14]
PEDERSEN2009	55	1370	15518	493113	17.2%	1.29 [0.98, 1.69]
SIMON2002	12	185	9	185	3.0%	1.36 [0.56, 3.30]
SIVOJELEZOVA2005	108	132	118	132	4.5%	0.53 [0.26, 1.08]
WEN2006	20	972	76	3878	8.1%	1.05 [0.64, 1.73]
Total (95% CI)		**13876**		**1236595**	**100.0%**	**1.15 [0.98, 1.35]**
Total events	638		41481			

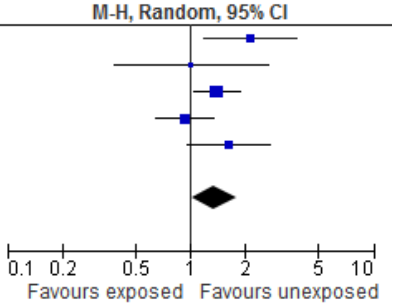
Heterogeneity: Tau² = 0.02; Chi² = 15.92, df = 10 (P = 0.10); I² = 37%
Test for overall effect: Z = 1.67 (P = 0.10)



Paroxetine- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
DIAVCITRIN2008	18	348	34	1359	15.8%	2.13 [1.19, 3.81]
EINARSON2009	5	148	31	928	7.4%	1.01 [0.39, 2.64]
MALM2011	47	968	22305	628607	31.9%	1.39 [1.03, 1.86]
OBERLANDER2008	29	993	3369	107320	26.5%	0.93 [0.64, 1.35]
PEDERSEN2009	15	299	15518	493113	18.4%	1.63 [0.97, 2.73]
Total (95% CI)		**2756**		**1231327**	**100.0%**	**1.34 [1.01, 1.78]**
Total events	114		41257			

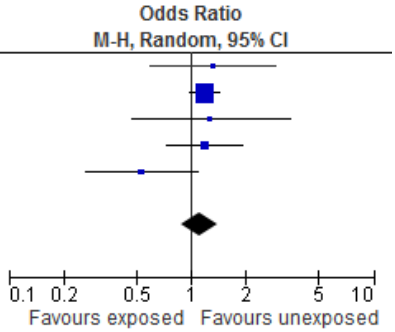
Heterogeneity: Tau² = 0.04; Chi² = 7.09, df = 4 (P = 0.13); I² = 44%
Test for overall effect: Z = 2.04 (P = 0.04)



Citalopram- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	8	184	31	928	7.6%	1.32 [0.59, 2.91]
MALM2011	117	2799	22305	628607	60.2%	1.19 [0.98, 1.43]
OBERLANDER2008	4	101	3369	107320	4.9%	1.27 [0.47, 3.46]
PEDERSEN2009	17	460	15518	493113	18.0%	1.18 [0.73, 1.92]
SIVOJELEZOVA2005	108	132	118	132	9.3%	0.53 [0.26, 1.08]
Total (95% CI)		**3676**		**1230100**	**100.0%**	**1.11 [0.89, 1.40]**
Total events	254		41341			

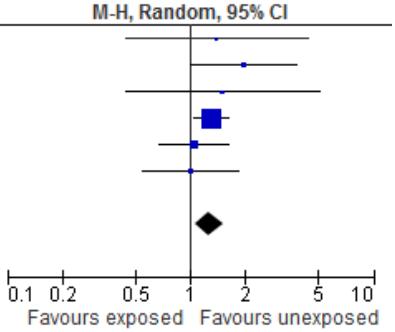
Heterogeneity: Tau² = 0.01; Chi² = 4.77, df = 4 (P = 0.31); I² = 16%
Test for overall effect: Z = 0.92 (P = 0.36)



Fluoxetine- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
CHAMBERS1996	6	164	6	226	2.3%	1.39 [0.44, 4.40]
DIAVCITRIN2008	12	253	34	1359	6.9%	1.94 [0.99, 3.80]
EINARSON2009	3	61	31	928	2.1%	1.50 [0.44, 5.04]
MALM2011	83	1818	22305	628607	63.8%	1.30 [1.04, 1.62]
OBERLANDER2008	21	638	3369	107320	16.3%	1.05 [0.68, 1.62]
PEDERSEN2009	11	348	15518	493113	8.6%	1.00 [0.55, 1.83]
Total (95% CI)		**3282**		**1231553**	**100.0%**	**1.27 [1.06, 1.51]**
Total events	136		41263			

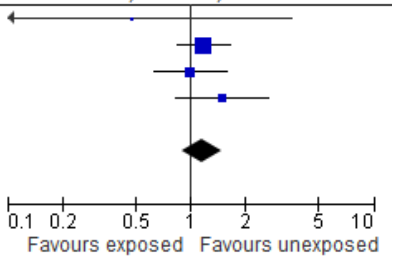
Heterogeneity: Tau² = 0.00; Chi² = 2.99, df = 5 (P = 0.70); I² = 0%
Test for overall effect: Z = 2.64 (P = 0.008)



Sertraline- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	1	61	31	928	1.5%	0.48 [0.06, 3.59]
MALM2011	36	869	22305	628607	52.9%	1.17 [0.84, 1.64]
OBERLANDER2008	19	608	3369	107320	28.1%	1.00 [0.63, 1.57]
PEDERSEN2009	12	259	15518	493113	17.6%	1.50 [0.84, 2.67]
Total (95% CI)		**1797**		**1229968**	**100.0%**	**1.15 [0.91, 1.47]**
Total events	68		41223			

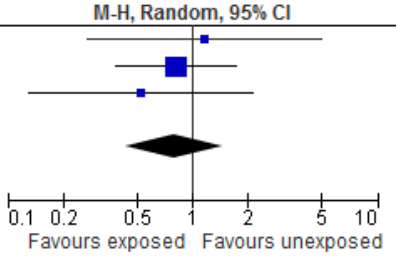
Heterogeneity: Tau² = 0.00; Chi² = 1.92, df = 3 (P = 0.59); I² = 0%
Test for overall effect: Z = 1.16 (P = 0.25)



Fluvoxamine- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	2	52	31	928	17.1%	1.16 [0.27, 4.97]
MALM2011	7	240	22305	628607	64.3%	0.82 [0.38, 1.73]
OBERLANDER2008	2	119	3369	107320	18.6%	0.53 [0.13, 2.13]
Total (95% CI)		**411**		**736855**	**100.0%**	**0.80 [0.44, 1.46]**
Total events	11		25705			

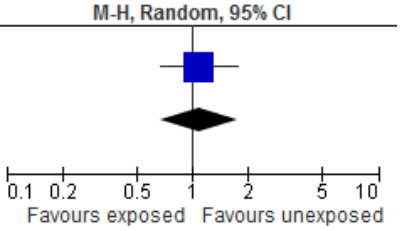
Heterogeneity: Tau² = 0.00; Chi² = 0.60, df = 2 (P = 0.74); I² = 0%
Test for overall effect: Z = 0.73 (P = 0.47)



Escitaopram- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	0	21	31	928		Not estimable
MALM2011	17	441	22305	628607	100.0%	1.09 [0.67, 1.77]
Total (95% CI)		**441**		**628607**	**100.0%**	**1.09 [0.67, 1.77]**
Total events	17		22305			

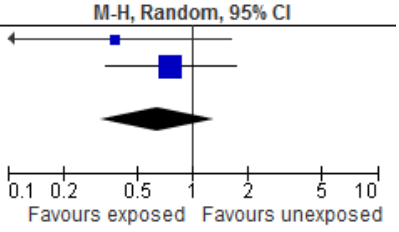
Heterogeneity: Not applicable
Test for overall effect: Z = 0.35 (P = 0.73)



Venlafaxine- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
EINARSON2009	2	154	31	928	24.1%	0.38 [0.09, 1.61]
OBERLANDER2008	6	250	3369	107320	75.9%	0.76 [0.34, 1.71]
Total (95% CI)		**404**		**108248**	**100.0%**	**0.64 [0.32, 1.30]**
Total events	8		3400			

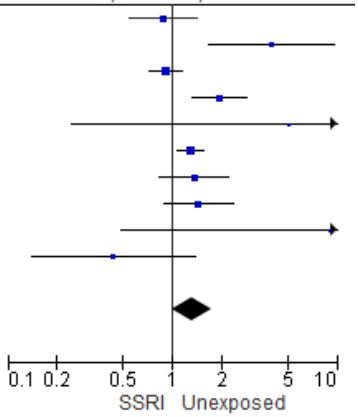
Heterogeneity: Tau² = 0.00; Chi² = 0.68, df = 1 (P = 0.41); I² = 0%
Test for overall effect: Z = 1.23 (P = 0.22)



SSRIs- Teratogenic harms- Cardiac malformations-cohort design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
DAVIS2007	17	805	1171	49031	12.3%	0.88 [0.54, 1.43]
DIAVCITRIN2008	14	601	8	1359	6.5%	4.03 [1.68, 9.65]
KALLEN2007	78	6555	11367	873876	17.9%	0.91 [0.73, 1.14]
KORNUM2010	26	2062	1403	213712	14.3%	1.93 [1.31, 2.86]
LEVINSONCASTIEL2006	2	60	0	60	0.8%	5.17 [0.24, 110.01]
MALM2011	116	6976	8137	628607	18.6%	1.29 [1.07, 1.55]
OBERLANDER2008	17	2625	512	107320	12.3%	1.36 [0.84, 2.21]
PEDERSEN2009	16	1370	3988	493113	12.1%	1.45 [0.88, 2.37]
SIMON2002	4	185	0	185	0.8%	9.20 [0.49, 172.07]
WICHMAN2009	3	808	205	24406	4.4%	0.44 [0.14, 1.38]
Total (95% CI)		**22047**		**2391669**	**100.0%**	**1.32 [1.01, 1.73]**
Total events	293		26791			

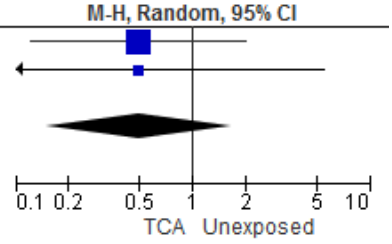
Heterogeneity: Tau² = 0.09; Chi² = 27.54, df = 9 (P = 0.001); I² = 67%
Test for overall effect: Z = 2.01 (P = 0.04)



TCAs- Teratogenic harms- Cardiac malformations-cohort design

Study or Subgroup	TCA Events	TCA Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
DAVIS2007	2	167	1186	49669	74.9%	0.50 [0.12, 2.00]
SIMON2002	1	209	2	209	25.1%	0.50 [0.04, 5.53]
Total (95% CI)		**376**		**49878**	**100.0%**	**0.50 [0.15, 1.66]**
Total events	3		1188			

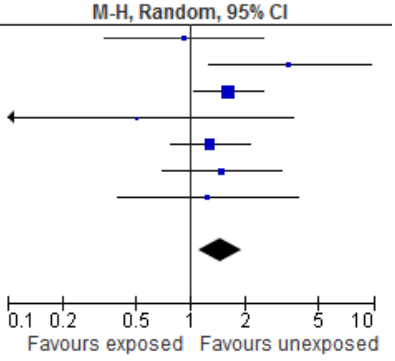
Heterogeneity: Tau² = 0.00; Chi² = 0.00, df = 1 (P = 1.00); I² = 0%
Test for overall effect: Z = 1.14 (P = 0.26)



Paroxetine- Teratogenic harms- Cardiac malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
DAVIS2007	4	182	1184	49654	7.3%	0.92 [0.34, 2.48]
DIAVCITRIN2008	7	348	8	1359	6.9%	3.47 [1.25, 9.63]
KALLEN2007	20	959	11367	873876	36.4%	1.62 [1.04, 2.52]
KORNUM2010	1	297	1403	213712	1.9%	0.51 [0.07, 3.64]
MALM2011	16	968	8137	628607	29.3%	1.28 [0.78, 2.10]
OBERLANDER2008	7	993	512	107320	12.8%	1.48 [0.70, 3.13]
PEDERSEN2009	3	299	3988	493113	5.5%	1.24 [0.40, 3.88]
Total (95% CI)		**4046**		**2367641**	**100.0%**	**1.46 [1.12, 1.90]**
Total events	58		26599			

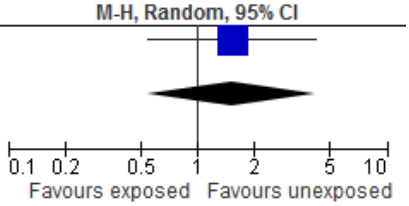
Heterogeneity: Tau² = 0.00; Chi² = 5.27, df = 6 (P = 0.51); I² = 0%
Test for overall effect: Z = 2.76 (P = 0.006)



Paroxetine- Teratogenic harms- Cardiac malformations-case-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
BAKKER2010A	10	16	661	1266	100.0%	1.53 [0.55, 4.22]
Total (95% CI)		**16**		**1266**	**100.0%**	**1.53 [0.55, 4.22]**
Total events	10		661			

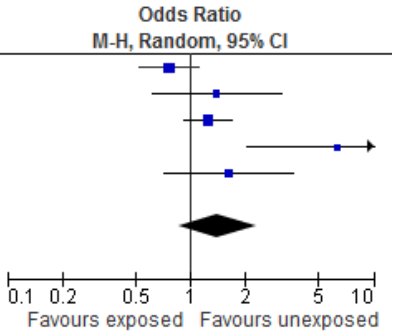
Heterogeneity: Not applicable
Test for overall effect: Z = 0.81 (P = 0.42)



Citalopram- Teratogenic harms- Cardiac malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
KALLEN2007	27	2701	11367	873876	26.5%	0.77 [0.52, 1.12]
KORNUM2010	6	658	1403	213712	16.9%	1.39 [0.62, 3.12]
MALM2011	45	2799	8137	628607	28.3%	1.25 [0.93, 1.67]
OBERLANDER2008	3	101	512	107320	11.4%	6.39 [2.02, 20.21]
PEDERSEN2009	6	460	3988	493113	16.9%	1.62 [0.72, 3.63]
Total (95% CI)		**6719**		**2316628**	**100.0%**	**1.41 [0.86, 2.29]**
Total events	87		25407			

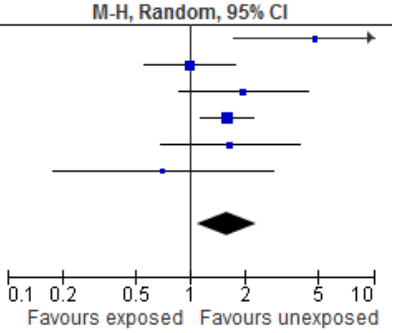
Heterogeneity: Tau² = 0.20; Chi² = 14.43, df = 4 (P = 0.006); I² = 72%
Test for overall effect: Z = 1.37 (P = 0.17)



Fluoxetine- Teratogenic harms- Cardiac malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
DIAVCITRIN2008	7	253	8	1359	10.6%	4.81 [1.73, 13.37]
KALLEN2007	12	926	11367	873876	22.1%	1.00 [0.56, 1.76]
KORNUM2010	6	472	1403	213712	14.8%	1.95 [0.87, 4.37]
MALM2011	37	1818	8137	628607	32.8%	1.58 [1.14, 2.20]
OBERLANDER2008	5	638	512	107320	13.1%	1.65 [0.68, 3.99]
PEDERSEN2009	2	348	3988	493113	6.5%	0.71 [0.18, 2.85]
Total (95% CI)		**4455**		**2317987**	**100.0%**	**1.58 [1.08, 2.32]**
Total events	69		25415			

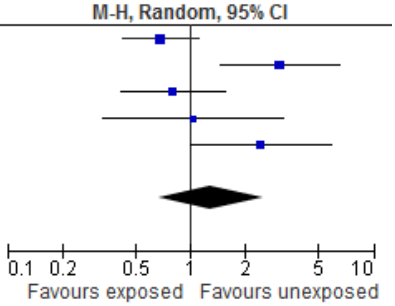
Heterogeneity: Tau² = 0.09; Chi² = 8.65, df = 5 (P = 0.12); I² = 42%
Test for overall effect: Z = 2.34 (P = 0.02)



Sertraline- Teratogenic harms- Cardiac malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
KALLEN2007	17	1906	11367	873876	24.3%	0.68 [0.42, 1.10]
KORNUM2010	7	352	1403	213712	20.4%	3.07 [1.45, 6.50]
MALM2011	9	869	8137	628607	21.8%	0.80 [0.41, 1.54]
OBERLANDER2008	3	608	512	107320	15.1%	1.03 [0.33, 3.23]
PEDERSEN2009	5	259	3988	493113	18.5%	2.41 [1.00, 5.85]
Total (95% CI)		**3994**		**2316628**	**100.0%**	**1.29 [0.67, 2.49]**
Total events	41		25407			

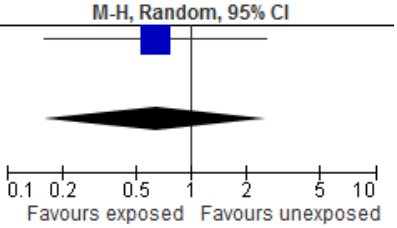
Heterogeneity: Tau² = 0.40; Chi² = 15.84, df = 4 (P = 0.003); I² = 75%
Test for overall effect: Z = 0.76 (P = 0.45)



Fluoxamine- Teratogenic harms- Cardiac malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	2	240	8137	628607	100.0%	0.64 [0.16, 2.58]
OBERLANDER2008	0	119	512	107320		Not estimable
Total (95% CI)		**240**		**628607**	**100.0%**	**0.64 [0.16, 2.58]**
Total events	2		8137			

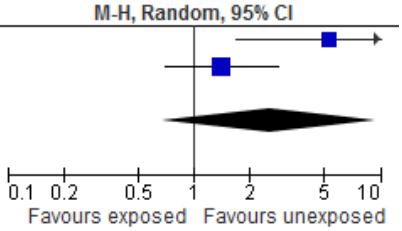
Heterogeneity: Not applicable
Test for overall effect: Z = 0.63 (P = 0.53)



Escitalopram- Teratogenic harms- Cardiac malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
KORNUM2010	3	88	1403	213712	44.1%	5.34 [1.69, 16.91]
MALM2011	8	441	8137	628607	55.9%	1.41 [0.70, 2.84]
Total (95% CI)		**529**		**842319**	**100.0%**	**2.54 [0.67, 9.59]**
Total events	11		9540			

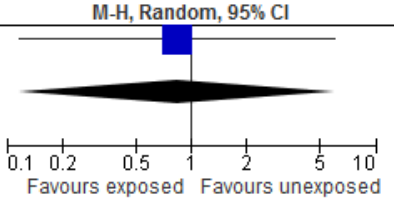
Heterogeneity: Tau² = 0.70; Chi² = 3.94, df = 1 (P = 0.05); I² = 75%
Test for overall effect: Z = 1.37 (P = 0.17)



Venlafaxine- Teratogenic harms- Cardiac malformations-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
OBERLANDER2008	1	250	512	107320	100.0%	0.84 [0.12, 5.98]
Total (95% CI)		**250**		**107320**	**100.0%**	**0.84 [0.12, 5.98]**
Total events	1		512			

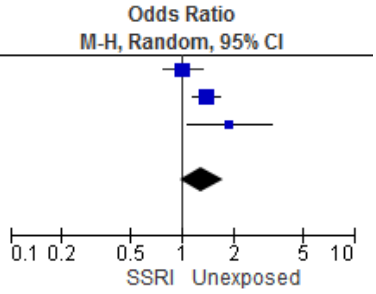
Heterogeneity: Not applicable
Test for overall effect: Z = 0.18 (P = 0.86)



SSRIs- Teratogenic harms- ASD and/or VSD-cohort design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
KALLEN2007	54	6555	7159	873876	37.8%	1.01 [0.77, 1.32]
MALM2011	103	6976	6744	628607	44.4%	1.38 [1.14, 1.68]
PEDERSEN2009	12	1370	2315	493113	17.8%	1.87 [1.06, 3.31]
Total (95% CI)		**14901**		**1995596**	**100.0%**	**1.29 [0.97, 1.73]**
Total events	169		16218			

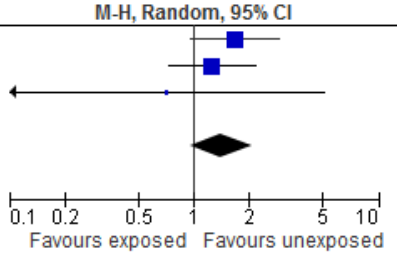
Heterogeneity: Tau² = 0.04; Chi² = 5.43, df = 2 (P = 0.07); I² = 63%
Test for overall effect: Z = 1.73 (P = 0.08)



Paroxetine- Teratogenic harms- ASD and/or VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
KALLEN2007	13	959	7159	873876	48.1%	1.66 [0.96, 2.88]
MALM2011	13	968	6744	628607	48.1%	1.26 [0.73, 2.17]
PEDERSEN2009	1	299	2315	493113	3.7%	0.71 [0.10, 5.07]
Total (95% CI)		**2226**		**1995596**	**100.0%**	**1.41 [0.96, 2.06]**
Total events	27		16218			

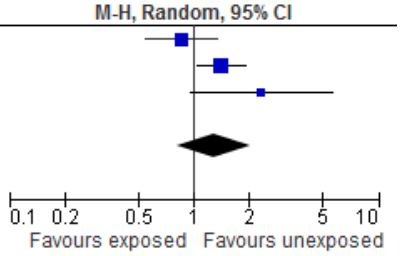
Heterogeneity: Tau² = 0.00; Chi² = 1.00, df = 2 (P = 0.61); I² = 0%
Test for overall effect: Z = 1.76 (P = 0.08)



Citalopram- Teratogenic harms- ASD and/or VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
KALLEN2007	19	2701	7159	873876	36.5%	0.86 [0.55, 1.35]
MALM2011	42	2799	6744	628607	45.1%	1.40 [1.03, 1.91]
PEDERSEN2009	5	460	2315	493113	18.4%	2.33 [0.96, 5.63]
Total (95% CI)		**5960**		**1995596**	**100.0%**	**1.29 [0.81, 2.04]**
Total events	66		16218			

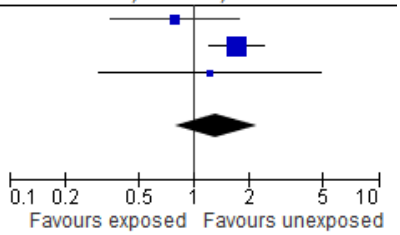
Heterogeneity: Tau² = 0.10; Chi² = 5.23, df = 2 (P = 0.07); I² = 62%
Test for overall effect: Z = 1.08 (P = 0.28)



Fluoxetine- Teratogenic harms- ASD and/or VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
KALLEN2007	6	926	7159	873876	27.7%	0.79 [0.35, 1.76]
MALM2011	33	1818	6744	628607	60.4%	1.70 [1.21, 2.41]
PEDERSEN2009	2	348	2315	493113	11.9%	1.23 [0.31, 4.92]
Total (95% CI)		**3092**		**1995596**	**100.0%**	**1.32 [0.79, 2.23]**
Total events	41		16218			

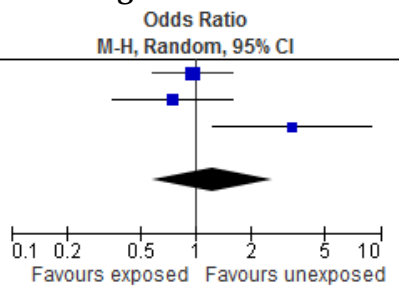
Heterogeneity: Tau² = 0.09; Chi² = 3.14, df = 2 (P = 0.21); I² = 36%
Test for overall effect: Z = 1.06 (P = 0.29)



Sertraline- Teratogenic harms- ASD and/or VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
KALLEN2007	15	1906	7159	873876	40.3%	0.96 [0.58, 1.60]
MALM2011	7	869	6744	628607	33.2%	0.75 [0.36, 1.58]
PEDERSEN2009	4	259	2315	493113	26.5%	3.33 [1.24, 8.94]
Total (95% CI)		**3034**		**1995596**	**100.0%**	**1.23 [0.58, 2.60]**
Total events	26		16218			

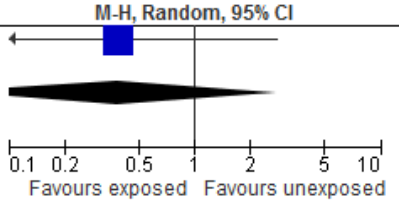
Heterogeneity: Tau² = 0.29; Chi² = 6.31, df = 2 (P = 0.04); I² = 68%
Test for overall effect: Z = 0.54 (P = 0.59)



Fluvoxamine- Teratogenic harms- ASD and/or VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	1	240	6744	628607	100.0%	0.39 [0.05, 2.75]
Total (95% CI)		**240**		**628607**	**100.0%**	**0.39 [0.05, 2.75]**
Total events	1		6744			

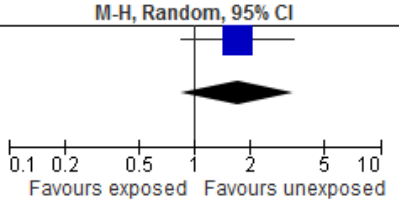
Heterogeneity: Not applicable
Test for overall effect: Z = 0.95 (P = 0.34)



Escitalopram- Teratogenic harms- ASD and/or VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	8	441	6744	628607	100.0%	1.70 [0.85, 3.43]
Total (95% CI)		**441**		**628607**	**100.0%**	**1.70 [0.85, 3.43]**
Total events	8		6744			

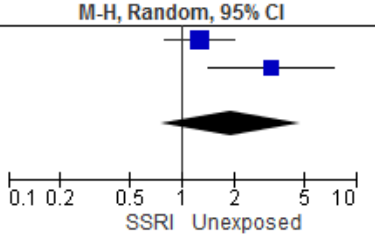
Heterogeneity: Not applicable
Test for overall effect: Z = 1.49 (P = 0.14)



SSRIs- Teratogenic harms- ASD-cohort design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	18	6976	1279	628607	56.7%	1.27 [0.80, 2.02]
OBERLANDER2008	6	2625	75	107320	43.3%	3.28 [1.42, 7.53]
Total (95% CI)		**9601**		**735927**	**100.0%**	**1.91 [0.75, 4.86]**
Total events	24		1354			

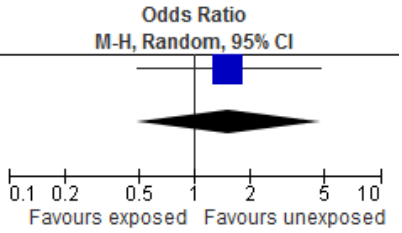
Heterogeneity: Tau² = 0.34; Chi² = 3.89, df = 1 (P = 0.05); I² = 74%
Test for overall effect: Z = 1.36 (P = 0.17)



Paroxetine- Teratogenic harms- ASD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	3	968	1279	628607	100.0%	1.52 [0.49, 4.74]
Total (95% CI)		**968**		**628607**	**100.0%**	**1.52 [0.49, 4.74]**
Total events	3		1279			

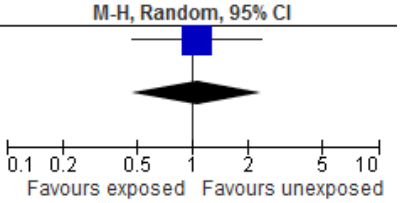
Heterogeneity: Not applicable
Test for overall effect: Z = 0.73 (P = 0.47)



Citalopram- Teratogenic harms- ASD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	6	2799	1279	628607	100.0%	1.05 [0.47, 2.35]
Total (95% CI)		**2799**		**628607**	**100.0%**	**1.05 [0.47, 2.35]**
Total events	6		1279			

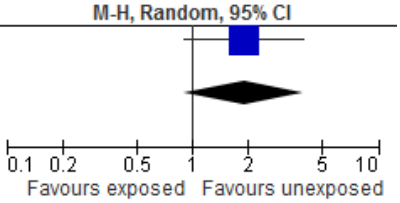
Heterogeneity: Not applicable
Test for overall effect: Z = 0.13 (P = 0.90)



Fluoxetine- Teratogenic harms- ASD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	7	1818	1279	628607	100.0%	1.90 [0.90, 3.99]
Total (95% CI)		**1818**		**628607**	**100.0%**	**1.90 [0.90, 3.99]**
Total events	7		1279			

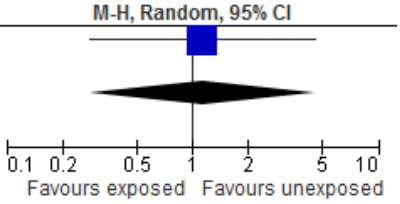
Heterogeneity: Not applicable
Test for overall effect: Z = 1.68 (P = 0.09)



Sertraline- Teratogenic harms- ASD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	2	869	1279	628607	100.0%	1.13 [0.28, 4.54]
Total (95% CI)		**869**		**628607**	**100.0%**	**1.13 [0.28, 4.54]**
Total events	2		1279			

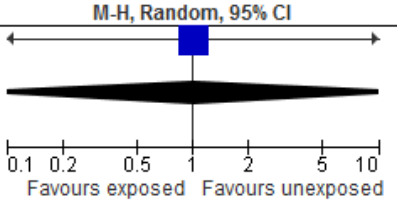
Heterogeneity: Not applicable
Test for overall effect: Z = 0.17 (P = 0.86)



Fluvoxamine- Teratogenic harms- ASD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	0	240	1279	628607	100.0%	1.02 [0.06, 16.35]
Total (95% CI)		**240**		**628607**	**100.0%**	**1.02 [0.06, 16.35]**
Total events	0		1279			

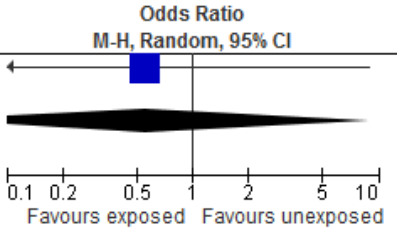
Heterogeneity: Not applicable
Test for overall effect: Z = 0.01 (P = 0.99)



Escitalopram- Teratogenic harms- ASD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	0	441	1279	628607	100.0%	0.56 [0.03, 8.90]
Total (95% CI)		**441**		**628607**	**100.0%**	**0.56 [0.03, 8.90]**
Total events	0		1279			

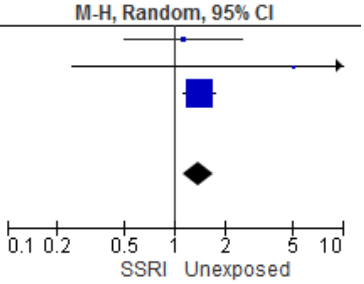
Heterogeneity: Not applicable
Test for overall effect: Z = 0.42 (P = 0.68)



SSRIs- Teratogenic harms- VSD-cohort design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
KALLEN2007	6	2625	219	107320	6.6%	1.12 [0.50, 2.52]
LEVINSONCASTIEL2006	2	60	0	60	0.5%	5.17 [0.24, 110.01]
MALM2011	85	6976	5465	628607	93.0%	1.41 [1.13, 1.74]
WICHMAN2009	0	808	24	24406		Not estimable
Total (95% CI)		**9661**		**735987**	**100.0%**	**1.39 [1.13, 1.72]**
Total events	93		5684			

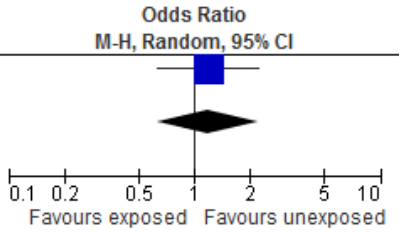
Heterogeneity: Tau² = 0.00; Chi² = 0.99, df = 2 (P = 0.61); I² = 0%
Test for overall effect: Z = 3.13 (P = 0.002)



Paroxetine- Teratogenic harms- VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	10	968	5465	628607	100.0%	1.19 [0.64, 2.22]
Total (95% CI)		**968**		**628607**	**100.0%**	**1.19 [0.64, 2.22]**
Total events	10		5465			

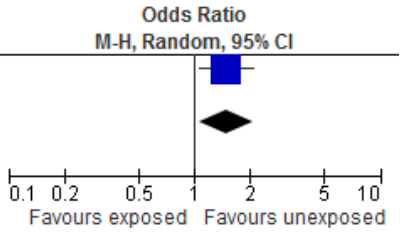
Heterogeneity: Not applicable
Test for overall effect: Z = 0.55 (P = 0.58)



Citalopram- Teratogenic harms- VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	36	2799	5465	628607	100.0%	1.49 [1.07, 2.07]
Total (95% CI)		**2799**		**628607**	**100.0%**	**1.49 [1.07, 2.07]**
Total events	36		5465			

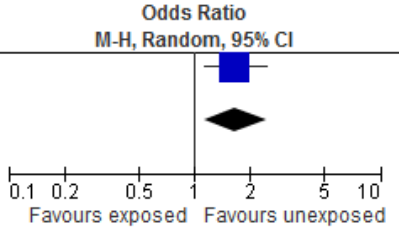
Heterogeneity: Not applicable
Test for overall effect: Z = 2.35 (P = 0.02)



Fluoxetine- Teratogenic harms- VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	26	1818	5465	628607	100.0%	1.65 [1.12, 2.44]
Total (95% CI)		**1818**		**628607**	**100.0%**	**1.65 [1.12, 2.44]**
Total events	26		5465			

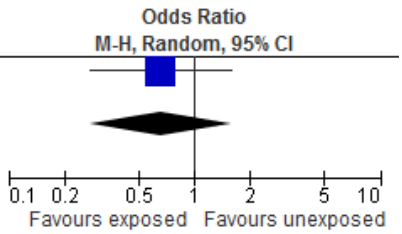
Heterogeneity: Not applicable
Test for overall effect: Z = 2.54 (P = 0.01)



Sertraline- Teratogenic harms- VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	5	869	5465	628607	100.0%	0.66 [0.27, 1.59]
Total (95% CI)		**869**		**628607**	**100.0%**	**0.66 [0.27, 1.59]**
Total events	5		5465			

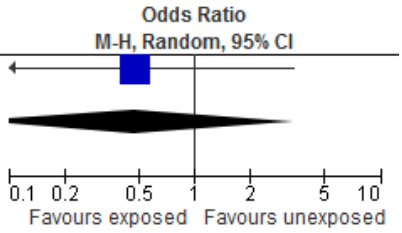
Heterogeneity: Not applicable
Test for overall effect: Z = 0.93 (P = 0.35)



Fluoxamine- Teratogenic harms- VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	1	240	5465	628607	100.0%	0.48 [0.07, 3.40]
Total (95% CI)		**240**		**628607**	**100.0%**	**0.48 [0.07, 3.40]**
Total events	1		5465			

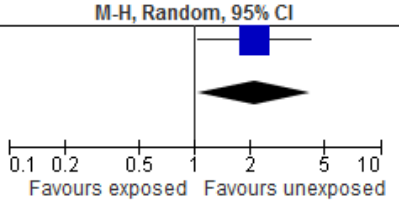
Heterogeneity: Not applicable
Test for overall effect: Z = 0.74 (P = 0.46)



Escitalopram- Teratogenic harms- VSD-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
MALM2011	8	441	5465	628607	100.0%	2.11 [1.05, 4.24]
Total (95% CI)		**441**		**628607**	**100.0%**	**2.11 [1.05, 4.24]**
Total events	8		5465			

Heterogeneity: Not applicable
Test for overall effect: Z = 2.09 (P = 0.04)

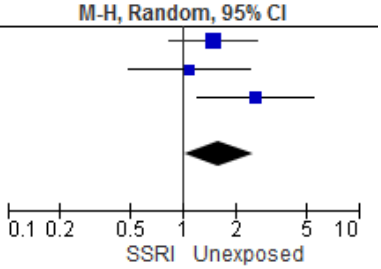


1.10.2 Antidepressants: Neonatal and obstetric complications

SSRIs- Neonatal and obstetric complications- Miscarriage-cohort design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
KULIN1998	30	287	21	287	43.7%	1.48 [0.83, 2.65]
SIVOJELEZOVA2005	14	132	13	132	27.1%	1.09 [0.49, 2.41]
WEN2006	11	972	17	3878	29.2%	2.60 [1.21, 5.57]
Total (95% CI)		**1391**		**4297**	**100.0%**	**1.60 [1.01, 2.53]**
Total events	55		51			

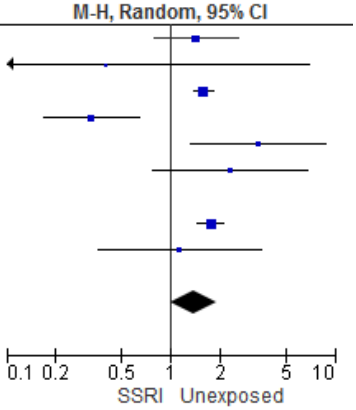
Heterogeneity: Tau² = 0.04; Chi² = 2.55, df = 2 (P = 0.28); I² = 22%
Test for overall effect: Z = 2.02 (P = 0.04)



SSRIs- Neonatal and obstetric complications- Pre-term delivery-cohort design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
CALDERONMARGALIT2009	13	138	170	2493	14.4%	1.42 [0.79, 2.57]
CASPER2003	1	31	1	13	1.3%	0.40 [0.02, 6.93]
KORNUM2010	217	2993	10114	213712	25.4%	1.57 [1.37, 1.81]
MASCHI2008	13	200	35	200	12.7%	0.33 [0.17, 0.64]
SIMON2002	19	185	6	185	8.4%	3.41 [1.33, 8.76]
SIVOJELEZOVA2005	11	132	5	132	6.9%	2.31 [0.78, 6.84]
SURI2007	7	49	0	22		Not estimable
WEN2006	188	972	465	3878	24.6%	1.76 [1.46, 2.12]
WISNER2009	11	71	5	36	6.4%	1.14 [0.36, 3.56]
Total (95% CI)		**4722**		**220649**	**100.0%**	**1.38 [0.99, 1.92]**
Total events	473		10801			

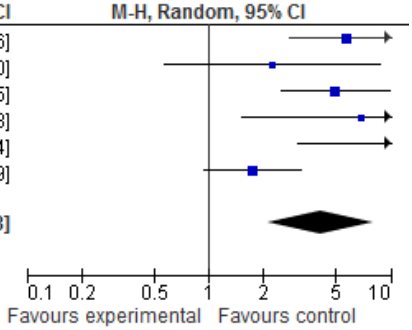
Heterogeneity: Tau² = 0.11; Chi² = 26.87, df = 7 (P = 0.0004); I² = 74%
Test for overall effect: Z = 1.90 (P = 0.06)



Any antidepressant- Neonatal and obstetric complications- PNAS-cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
BOUCHER2008	57	73	28	73	22.5%	5.73 [2.76, 11.86]
COSTEI2002	12	55	3	27	13.4%	2.23 [0.57, 8.70]
FERREIRA2007	59	76	37	90	23.3%	4.97 [2.51, 9.85]
LAINE2003	17	20	9	20	11.8%	6.93 [1.53, 31.38]
LEVINSONCASTIEL2006	18	60	0	60	4.6%	52.67 [3.09, 898.14]
MASCHI2008	14	200	50	1200	24.5%	1.73 [0.94, 3.19]
Total (95% CI)		**484**		**1470**	**100.0%**	**4.13 [2.14, 7.98]**
Total events	177		127			

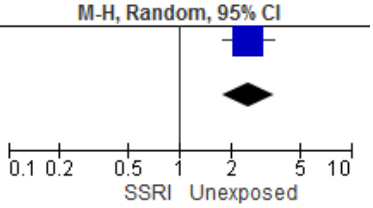
Heterogeneity: Tau² = 0.36; Chi² = 13.06, df = 5 (P = 0.02); I² = 62%
Test for overall effect: Z = 4.22 (P < 0.0001)



SSRIs- PPHT- Neonatal and obstetric complications- Cohort design

Study or Subgroup	SSRI Events	SSRI Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
KIELER2012	33	11014	1899	1588140	100.0%	2.51 [1.78, 3.54]
Total (95% CI)		**11014**		**1588140**	**100.0%**	**2.51 [1.78, 3.54]**
Total events	33		1899			

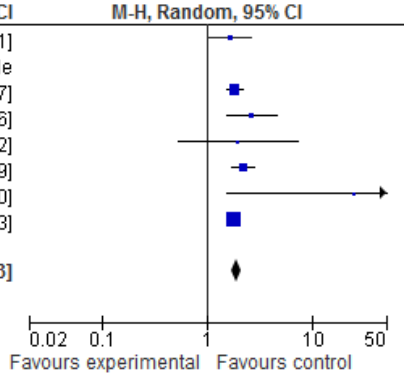
Heterogeneity: Not applicable
Test for overall effect: Z = 5.23 (P < 0.00001)



Any antidepressant- Respiratory distress- Neonatal and obstetric complications- Cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
BOUCHER2008	31	73	19	73	5.9%	1.63 [1.02, 2.61]
COSTEI2002	9	55	0	27		Not estimable
DAVIS2007	112	874	5300	75219	29.3%	1.82 [1.53, 2.17]
FERREIRA2007	31	76	14	90	4.4%	2.62 [1.51, 4.56]
GALBALLY2009	5	23	3	27	0.8%	1.96 [0.52, 7.32]
KALLEN2004	61	997	16299	582796	18.3%	2.19 [1.71, 2.79]
LEVINSONCASTIEL2006	12	60	0	60	0.2%	25.00 [1.51, 412.90]
OBERLANDER2006	202	1451	7191	92192	41.1%	1.78 [1.57, 2.03]
Total (95% CI)		**3554**		**750457**	**100.0%**	**1.89 [1.68, 2.13]**
Total events	454		28826			

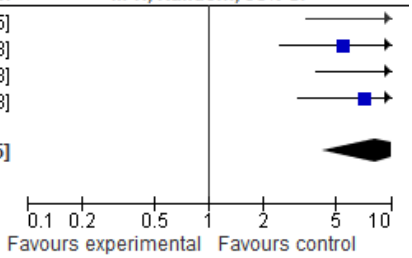
Heterogeneity: Tau² = 0.00; Chi² = 7.31, df = 6 (P = 0.29); I² = 18%
Test for overall effect: Z = 10.56 (P < 0.00001)



Any antidepressant- Tremors- Neonatal and obstetric complications- Cohort design

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
BOUCHER2008	22	73	2	73	16.2%	15.31 [3.45, 68.05]
FERREIRA2007	31	76	10	90	40.5%	5.51 [2.47, 12.28]
GALBALLY2009	13	23	0	27	4.8%	70.71 [3.85, 1299.18]
LEVINSONCASTIEL2006	37	60	11	60	38.5%	7.17 [3.11, 16.53]
Total (95% CI)		**232**		**250**	**100.0%**	**8.14 [4.23, 15.65]**
Total events	103		23			

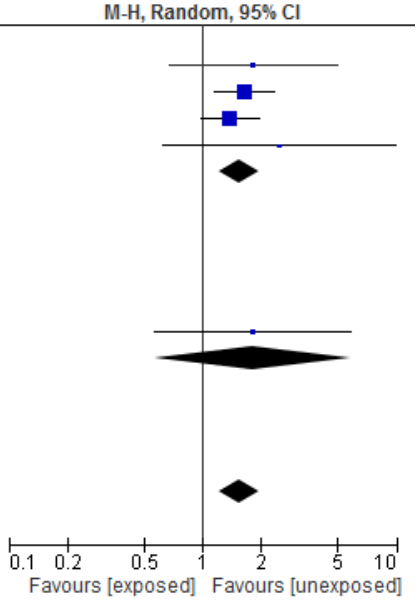
Heterogeneity: Tau² = 0.11; Chi² = 3.93, df = 3 (P = 0.27); I² = 24%
Test for overall effect: Z = 6.28 (P < 0.00001)



1.10.3 Antipsychotics: Teratogenic harms

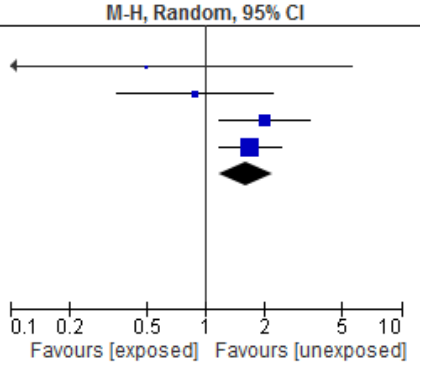
Any antipsychotic- Teratogenic harms-Congenital malformations- Cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
1.4.1 Any anytipsychotic vs unexposed						
BODEN2012A	4	113	6517	331263	5.3%	1.83 [0.67, 4.96]
HABERMANN2013	70	698	65	1020	42.7%	1.64 [1.15, 2.33]
REIS2008	35	576	43612	973767	45.3%	1.38 [0.98, 1.94]
SADOWSKI2013	7	113	3	116	2.8%	2.49 [0.63, 9.87]
Subtotal (95% CI)		**1500**		**1306166**	**96.1%**	**1.54 [1.22, 1.95]**
Total events	116		50197			
Heterogeneity: Tau² = 0.00; Chi² = 1.09, df = 3 (P = 0.78); I² = 0%						
Test for overall effect: Z = 3.60 (P = 0.0003)						
1.4.4 Exposed vs unexposed (bipolar comparison)						
BODEN2012A	4	113	11	554	3.9%	1.81 [0.57, 5.79]
Subtotal (95% CI)		**113**		**554**	**3.9%**	**1.81 [0.57, 5.79]**
Total events	4		11			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.00 (P = 0.32)						
Total (95% CI)		**1613**		**1306720**	**100.0%**	**1.55 [1.23, 1.95]**
Total events	120		50208			
Heterogeneity: Tau² = 0.00; Chi² = 1.17, df = 4 (P = 0.88); I² = 0%						
Test for overall effect: Z = 3.72 (P = 0.0002)						
Test for subgroup differences: Chi² = 0.07, df = 1 (P = 0.79), I² = 0%						



Any antipsychotic- Teratogenic harms-Major congenital malformations- Cohort design

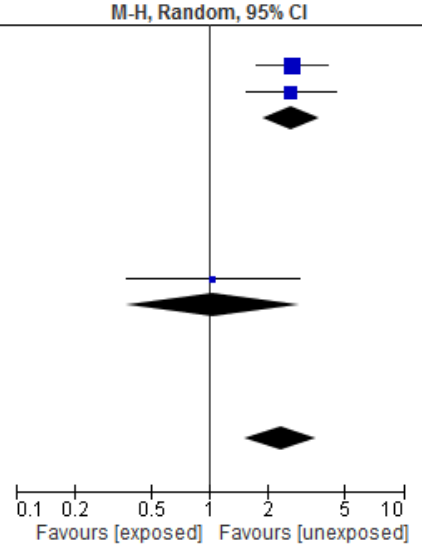
Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
1.2.1 All antipsychotics vs unexposed						
MCKENNA2005	1	151	2	151	1.7%	0.50 [0.04, 5.54]
DIAV-CITRIN2005	6	179	22	581	11.2%	0.88 [0.35, 2.21]
HABERMANN2013	31	643	25	1014	30.3%	2.00 [1.17, 3.43]
REIS2008	30	576	30679	973767	56.7%	1.69 [1.17, 2.44]
Subtotal (95% CI)		**1549**		**975513**	**100.0%**	**1.62 [1.18, 2.22]**
Total events	68		30728			
Heterogeneity: Tau² = 0.01; Chi² = 3.27, df = 3 (P = 0.35); I² = 8%						
Test for overall effect: Z = 3.00 (P = 0.003)						
Test for subgroup differences: Not applicable						



1.10.4 Antipsychotics: Neonatal and Obstetric Complications

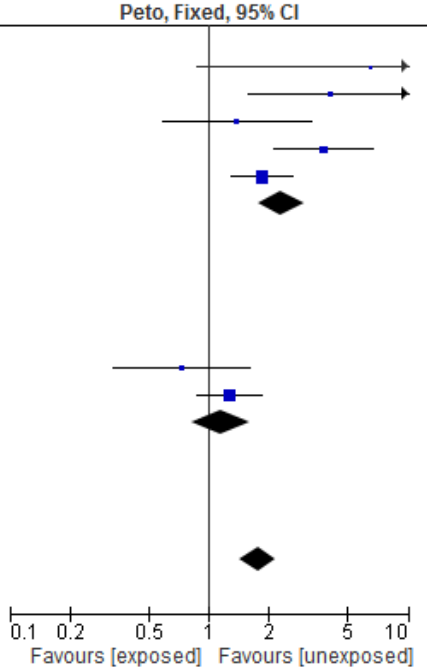
Any antipsychotic- Neonatal and obstetric complications-Gestational diabetes - Cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
2.1.1 Any antipsychotic vs unexposed						
BODEN2012B	22	507	5970	357696	48.0%	2.67 [1.74, 4.10]
REIS2008	14	570	9129	958729	37.8%	2.62 [1.54, 4.45]
Subtotal (95% CI)		**1077**		**1316425**	**85.8%**	**2.65 [1.90, 3.70]**
Total events	36		15099			
Heterogeneity: Tau² = 0.00; Chi² = 0.00, df = 1 (P = 0.95); I² = 0%						
Test for overall effect: Z = 5.74 (P < 0.00001)						
2.1.4 Antipsychotics vs unexposed (bipolar)						
BODEN2012A	6	320	10	554	14.2%	1.04 [0.37, 2.89]
Subtotal (95% CI)		**320**		**554**	**14.2%**	**1.04 [0.37, 2.89]**
Total events	6		10			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.07 (P = 0.94)						
Total (95% CI)		**1397**		**1316979**	**100.0%**	**2.32 [1.53, 3.52]**
Total events	42		15109			
Heterogeneity: Tau² = 0.05; Chi² = 3.01, df = 2 (P = 0.22); I² = 33%						
Test for overall effect: Z = 3.95 (P < 0.0001)						
Test for subgroup differences: Chi² = 2.92, df = 1 (P = 0.09), I² = 65.7%						



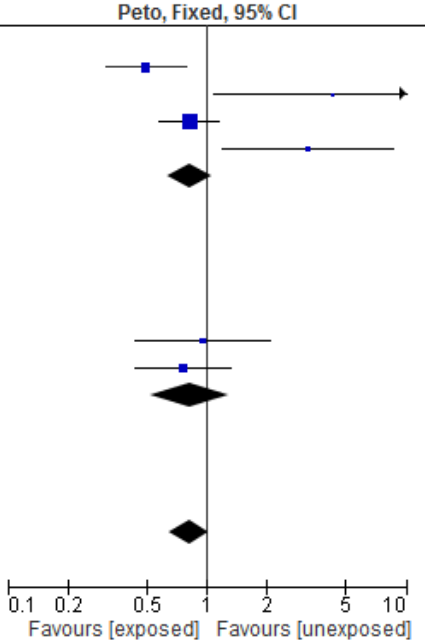
Any antipsychotic- Neonatal and obstetric complications-Small for gestational age - Cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
2.11.1 Any antipsychotics vs unexposed						
NEWHAM2008	4	47	0	38	1.1%	6.52 [0.88, 48.56]
MCKENNA2005	15	151	3	151	4.9%	4.11 [1.59, 10.64]
SADOWSKI2013	13	113	10	116	6.0%	1.37 [0.58, 3.25]
REIS2008	28	561	20355	938318	13.8%	3.78 [2.14, 6.66]
LIN2010	59	242	553	3480	36.0%	1.85 [1.31, 2.64]
Subtotal (95% CI)		**1114**		**942103**	**61.8%**	**2.30 [1.76, 3.01]**
Total events	119		20921			
Heterogeneity: Chi² = 8.21, df = 4 (P = 0.08); I² = 51%						
Test for overall effect: Z = 6.09 (P < 0.00001)						
2.11.4 Any antipsychotics vs unexposed (psychiatric comparison)						
BODEN2012A	8	319	19	551	7.0%	0.73 [0.33, 1.62]
LIN2010	59	242	92	454	31.1%	1.27 [0.87, 1.86]
Subtotal (95% CI)		**561**		**1005**	**38.2%**	**1.15 [0.82, 1.62]**
Total events	67		111			
Heterogeneity: Chi² = 1.52, df = 1 (P = 0.22); I² = 34%						
Test for overall effect: Z = 0.80 (P = 0.42)						
Total (95% CI)		**1675**		**943108**	**100.0%**	**1.77 [1.43, 2.18]**
Total events	186		21032			
Heterogeneity: Chi² = 19.52, df = 6 (P = 0.003); I² = 69%						
Test for overall effect: Z = 5.28 (P < 0.00001)						
Test for subgroup differences: Chi² = 9.79, df = 1 (P = 0.002), I² = 89.8%						



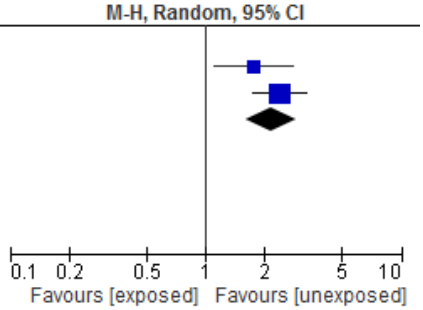
Any antipsychotic- Neonatal and obstetric complications-Large for gestational age - Cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
2.14.1 Any antipsychotics vs unexposed						
LIN2010	8	242	303	3480	23.2%	0.49 [0.31, 0.79]
NEWHAM2008	8	49	1	38	2.7%	4.30 [1.08, 17.16]
REIS2008	28	561	57758	938318	43.3%	0.82 [0.58, 1.15]
SADOWSKI2013	13	113	4	116	5.3%	3.21 [1.20, 8.61]
Subtotal (95% CI)		**965**		**941952**	**74.4%**	**0.82 [0.63, 1.06]**
Total events	57		58066			
Heterogeneity: Chi² = 17.34, df = 3 (P = 0.0006); I² = 83%						
Test for overall effect: Z = 1.50 (P = 0.13)						
2.14.5 Any antipsychotic vs unexposed (Psychiatric comparison: SZ/BP)						
BODEN2012A	10	319	18	551	8.4%	0.96 [0.44, 2.09]
LIN2010	18	242	44	454	17.1%	0.76 [0.44, 1.31]
Subtotal (95% CI)		**561**		**1005**	**25.6%**	**0.82 [0.52, 1.28]**
Total events	28		62			
Heterogeneity: Chi² = 0.23, df = 1 (P = 0.63); I² = 0%						
Test for overall effect: Z = 0.87 (P = 0.38)						
Total (95% CI)		**1526**		**942957**	**100.0%**	**0.82 [0.65, 1.03]**
Total events	85		58128			
Heterogeneity: Chi² = 17.57, df = 5 (P = 0.004); I² = 72%						
Test for overall effect: Z = 1.74 (P = 0.08)						
Test for subgroup differences: Chi² = 0.00, df = 1 (P = 1.00), I² = 0%						



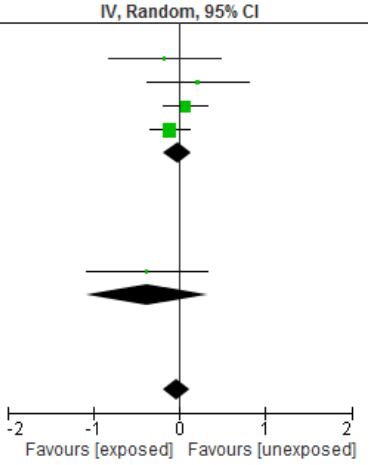
Any antipsychotic- Neonatal and obstetric complications-LBW (<2500g) - Cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
2.20.1 Any antipsychotics vs unexposed						
LIN2010	22	242	207	3840	35.2%	1.76 [1.11, 2.78]
REIS2008	42	562	30556	939350	64.8%	2.40 [1.75, 3.29]
Subtotal (95% CI)		**804**		**943190**	**100.0%**	**2.15 [1.60, 2.89]**
Total events	64		30763			
Heterogeneity: Tau² = 0.01; Chi² = 1.23, df = 1 (P = 0.27); I² = 19%						
Test for overall effect: Z = 5.09 (P < 0.00001)						
Test for subgroup differences: Not applicable						



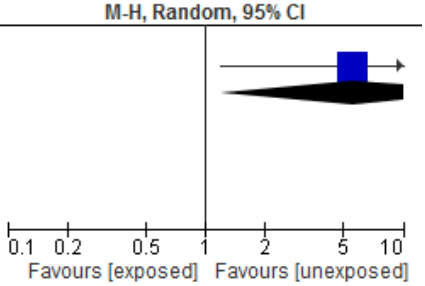
Any antipsychotic- Neonatal and obstetric complications-birth-weight - Cohort design

Study or Subgroup	Exposed Mean	Exposed SD	Exposed Total	Unexposed Mean	Unexposed SD	Unexposed Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.22.1 Any antipsychotics vs unexposed								
AUERBACH1992	3,065	447	14	3,134	349	26	5.7%	-0.18 [-0.83, 0.48]
NEWHAM2008	3,473	490	15	3,382	384	38	6.7%	0.22 [-0.38, 0.81]
SADOWSKI2013	3,405.07	583.67	113	3,365.69	511.09	116	35.7%	0.07 [-0.19, 0.33]
MCKENNA2005	3,341	685	151	3,411	534	151	47.1%	-0.11 [-0.34, 0.11]
Subtotal (95% CI)			**293**			**331**	**95.2%**	**-0.02 [-0.18, 0.13]**
Heterogeneity: Tau² = 0.00; Chi² = 1.95, df = 3 (P = 0.58); I² = 0%								
Test for overall effect: Z = 0.30 (P = 0.76)								
2.22.4 Antipsychotics vs unexposed (psychiatric diagnosis)								
AUERBACH1992	3,065	447	14	3,257	520	18	4.8%	-0.38 [-1.09, 0.32]
Subtotal (95% CI)			**14**			**18**	**4.8%**	**-0.38 [-1.09, 0.32]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.06 (P = 0.29)								
Total (95% CI)			**307**			**349**	**100.0%**	**-0.04 [-0.20, 0.11]**
Heterogeneity: Tau² = 0.00; Chi² = 2.89, df = 4 (P = 0.58); I² = 0%								
Test for overall effect: Z = 0.53 (P = 0.60)								
Test for subgroup differences: Chi² = 0.94, df = 1 (P = 0.33), I² = 0%								



Any antipsychotic- Neonatal and obstetric complications-birth-weight – Case-control design

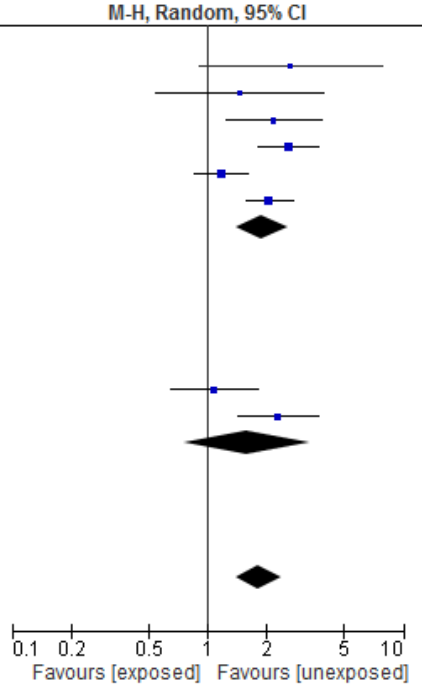
Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
2.41.1 Any antipsychotics vs unexposed						
PENG2013	10	76	2	76	100.0%	5.61 [1.19, 26.52]
Subtotal (95% CI)		**76**		**76**	**100.0%**	**5.61 [1.19, 26.52]**
Total events	10		2			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.17 (P = 0.03)						



Test for subgroup differences: Not applicable

Any antipsychotic- Neonatal and obstetric complications-preterm delivery- Cohort design

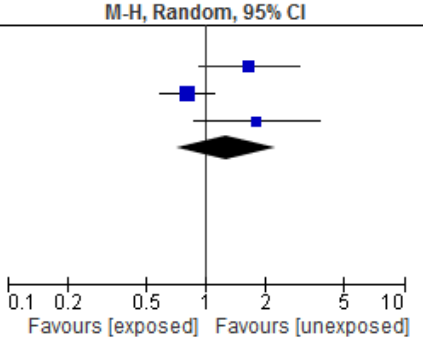
Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
2.4.1 All antipsychotics vs unexposed						
SADOWSKI2013	12	113	5	116	4.8%	2.64 [0.90, 7.75]
MCKENNA2005	10	151	7	151	5.5%	1.46 [0.54, 3.94]
DIAV-CITRIN2005	22	158	37	534	11.4%	2.17 [1.24, 3.81]
LIN2010	41	242	255	3480	16.3%	2.58 [1.80, 3.69]
HABERMANN2013	77	845	88	1122	17.4%	1.18 [0.86, 1.62]
REIS2008	56	563	47944	942780	18.6%	2.06 [1.56, 2.72]
Subtotal (95% CI)		**2072**		**948183**	**74.1%**	**1.90 [1.40, 2.57]**
Total events	218		48336			
Heterogeneity: Tau² = 0.08; Chi² = 12.65, df = 5 (P = 0.03); I² = 60%						
Test for overall effect: Z = 4.11 (P < 0.0001)						
2.4.4 All antipsychotics vs unexposed (psychiatric diagnosis)						
BODEN2012A	26	320	42	554	12.5%	1.08 [0.65, 1.79]
LIN2010	41	242	37	454	13.3%	2.30 [1.43, 3.70]
Subtotal (95% CI)		**562**		**1008**	**25.9%**	**1.58 [0.75, 3.33]**
Total events	67		79			
Heterogeneity: Tau² = 0.22; Chi² = 4.54, df = 1 (P = 0.03); I² = 78%						
Test for overall effect: Z = 1.21 (P = 0.22)						
Total (95% CI)		**2634**		**949191**	**100.0%**	**1.81 [1.39, 2.36]**
Total events	285		48415			
Heterogeneity: Tau² = 0.08; Chi² = 17.70, df = 7 (P = 0.01); I² = 60%						
Test for overall effect: Z = 4.39 (P < 0.0001)						
Test for subgroup differences: Chi² = 0.19, df = 1 (P = 0.66), I² = 0%						



Any antipsychotic- Neonatal and obstetric complications-Miscarriage Cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
2.33.1 Any antipsychotics vs unexposed						
DIAV-CITRIN2005	19	215	35	631	31.8%	1.65 [0.92, 2.95]
HABERMANN2013	67	845	108	1122	41.3%	0.81 [0.59, 1.11]
MCKENNA2005	22	151	13	151	26.9%	1.81 [0.88, 3.74]
Subtotal (95% CI)		**1211**		**1904**	**100.0%**	**1.26 [0.71, 2.24]**
Total events	108		156			

Heterogeneity: Tau² = 0.18; Chi² = 7.06, df = 2 (P = 0.03); I² = 72%
Test for overall effect: Z = 0.79 (P = 0.43)

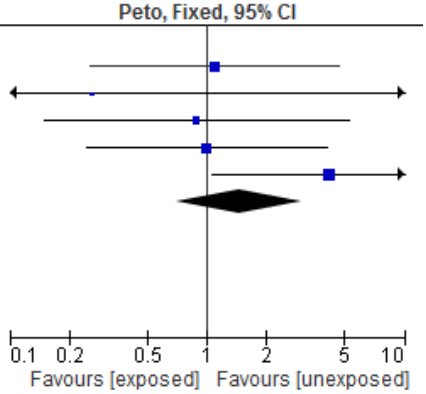


Test for subgroup differences: Not applicable

Any antipsychotic- Neonatal and obstetric complications-still birth - Cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
2.34.1 Any antipsychotic vs unexposed						
BODEN2012B	2	507	1289	357696	25.1%	1.10 [0.26, 4.70]
DIAV-CITRIN2005	0	215	1	631	2.6%	0.26 [0.00, 23.60]
HABERMANN2013	2	845	3	1122	16.9%	0.89 [0.15, 5.21]
MCKENNA2005	4	151	4	151	27.0%	1.00 [0.25, 4.06]
REIS2008	5	576	3486	973767	28.4%	4.17 [1.06, 16.38]
Subtotal (95% CI)		**2294**		**1333367**	**100.0%**	**1.45 [0.70, 3.01]**
Total events	13		4783			

Heterogeneity: Chi² = 3.56, df = 4 (P = 0.47); I² = 0%
Test for overall effect: Z = 1.01 (P = 0.31)



Test for subgroup differences: Not applicable

Any antipsychotic- Neonatal and obstetric complications-Caesarean delivery - Cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
2.3.1 Any antipsychotics vs unexposed						
DIAV-CITRIN2005	38	149	65	400	12.1%	1.83 [1.13, 2.97]
REIS2008	135	570	142652	958729	52.5%	2.00 [1.59, 2.52]
SADOWSKI2013	35	113	27	116	8.3%	1.47 [0.82, 2.64]
Subtotal (95% CI)		**832**		**959245**	**72.8%**	**1.91 [1.57, 2.32]**
Total events	208		142744			

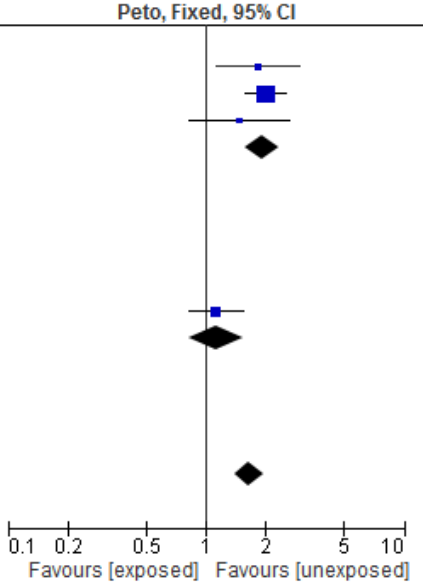
Heterogeneity: Chi² = 0.95, df = 2 (P = 0.62); I² = 0%
Test for overall effect: Z = 6.46 (P < 0.00001)

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
2.3.4 Antipsychotics vs unexposed (bipolar)						
BODEN2012A	82	320	130	554	27.2%	1.12 [0.82, 1.55]
Subtotal (95% CI)		**320**		**554**	**27.2%**	**1.12 [0.82, 1.55]**
Total events	82		130			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.72 (P = 0.47)

Total (95% CI)		**1152**		**959799**	**100.0%**	**1.65 [1.40, 1.95]**
Total events	290		142874			

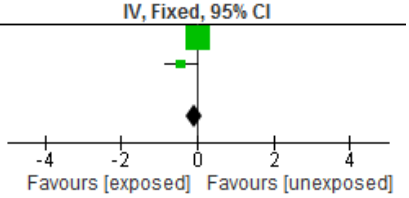
Heterogeneity: Chi² = 8.53, df = 3 (P = 0.04); I² = 65%
Test for overall effect: Z = 5.89 (P < 0.00001)
Test for subgroup differences: Chi² = 7.58, df = 1 (P = 0.006), I² = 86.8%



Any antipsychotic- Neonatal and obstetric complications-Gestational age at delivery - Cohort design

Study or Subgroup	Exposed Mean	Exposed SD	Exposed Total	Unexposed Mean	Unexposed SD	Unexposed Total	Weight	Mean Difference IV, Fixed, 95% CI
MCKENNA2005	39	1	151	39	1	151	79.0%	0.00 [-0.23, 0.23]
SADOWSKI2013	39.03	1.86	113	39.47	1.49	116	21.0%	-0.44 [-0.88, -0.00]
Total (95% CI)			**264**			**267**	**100.0%**	**-0.09 [-0.29, 0.11]**

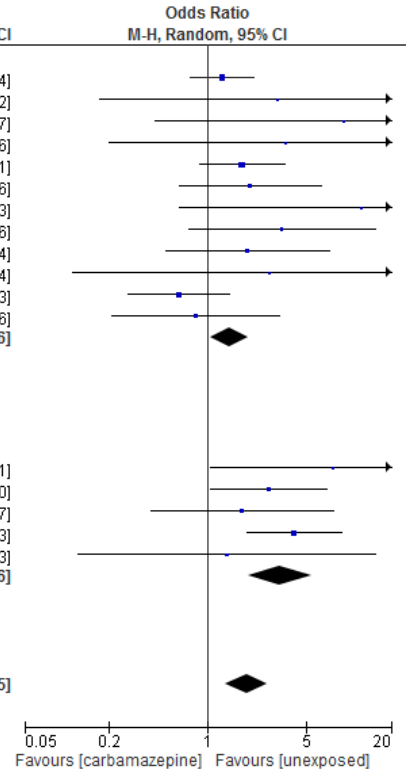
Heterogeneity: Chi² = 3.07, df = 1 (P = 0.08); I² = 67%
Test for overall effect: Z = 0.90 (P = 0.37)



1.10.5 Anticovulsants: Teratogenic harms

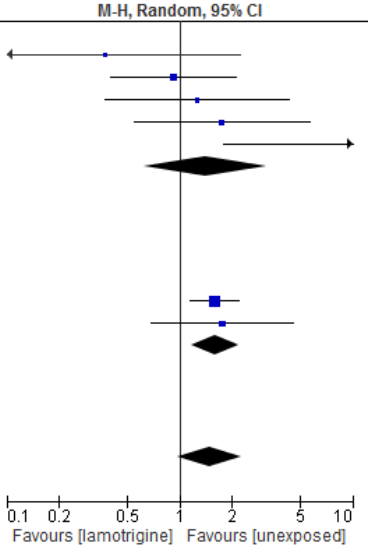
Carbamazepine- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	Favours Exposed Events	Favours Exposed Total	Favours Non-exposed Events	Favours Non-exposed Total	Weight	Odds Ratio M-H, Random, 95% CI
2.3.1 Disordered comparison						
ARTAMA2005	32	919	26	939	18.0%	1.27 [0.75, 2.14]
BODEN2012	0	7	11	554	1.3%	3.15 [0.17, 58.52]
BURJA2006	2	19	0	32	1.2%	9.29 [0.42, 204.37]
CANGER1999	7	113	0	25	1.3%	3.59 [0.20, 64.96]
CHARLTON2011	13	311	22	902	13.5%	1.74 [0.87, 3.51]
DIAV-CITRIN2001	6	108	6	210	6.8%	2.00 [0.63, 6.36]
HOLMES2001	3	58	0	98	1.2%	12.42 [0.63, 244.93]
KAAJA2003	10	363	2	239	4.3%	3.36 [0.73, 15.46]
KANEKO1999	9	158	3	98	5.4%	1.91 [0.50, 7.24]
KINI2007	1	38	0	34	1.1%	2.76 [0.11, 70.04]
MORROW2006	20	900	8	227	10.9%	0.62 [0.27, 1.43]
VAJDA2007	7	234	3	83	5.1%	0.82 [0.21, 3.26]
Subtotal (95% CI)		**3228**		**3441**	**69.9%**	**1.43 [1.04, 1.96]**
Total events	110		81			
Heterogeneity: Tau² = 0.00; Chi² = 11.03, df = 11 (P = 0.44); I² = 0%						
Test for overall effect: Z = 2.18 (P = 0.03)						
2.3.2 Non-disordered comparison (general population)						
BORTHEN2011	2	28	2	205	2.6%	7.81 [1.05, 57.81]
HERNANDEZ-DIAZ2012	31	1033	5	442	9.1%	2.70 [1.04, 7.00]
ORNOY1996	5	47	3	47	4.4%	1.75 [0.39, 7.77]
SAMREN1999	9	158	29	2000	12.1%	4.11 [1.91, 8.83]
STEEGERS-THEUNISSEN1994	1	39	2	106	1.8%	1.37 [0.12, 15.53]
Subtotal (95% CI)		**1305**		**2800**	**30.1%**	**3.24 [1.92, 5.46]**
Total events	48		41			
Heterogeneity: Tau² = 0.00; Chi² = 2.50, df = 4 (P = 0.64); I² = 0%						
Test for overall effect: Z = 4.42 (P < 0.0001)						
Total (95% CI)		**4533**		**6241**	**100.0%**	**1.89 [1.34, 2.65]**
Total events	158		122			
Heterogeneity: Tau² = 0.09; Chi² = 20.27, df = 16 (P = 0.21); I² = 21%						
Test for overall effect: Z = 3.67 (P = 0.0002)						
Test for subgroup differences: Chi² = 6.93, df = 1 (P = 0.008), I² = 85.6%						



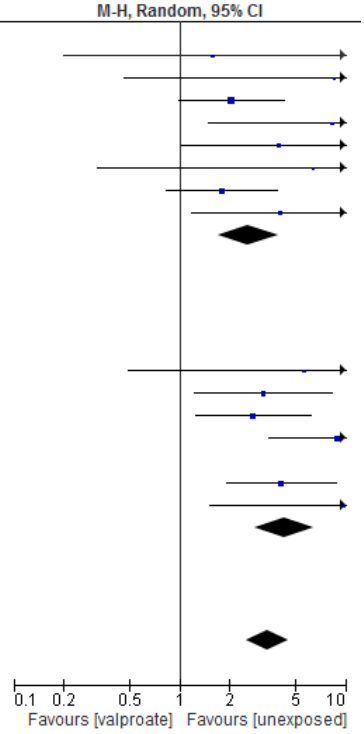
Lamotrigine- Teratogenic harms- Major congenital malformations-cohort design

Study or Subgroup	Favours [lamotrigine] Events	Total	Favours [unexposed] Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
2.4.1 Disordered comparison						
VAJDA2007	2	146	3	83	5.0%	0.37 [0.06, 2.26]
MORROW2006	21	647	8	227	17.2%	0.92 [0.40, 2.10]
CHARLTON2011	3	98	22	902	9.7%	1.26 [0.37, 4.30]
BODEN2012	4	116	11	554	10.5%	1.76 [0.55, 5.64]
BORTHEN2011	3	30	2	205	4.9%	11.28 [1.80, 70.56]
Subtotal (95% CI)		**1037**		**1971**	**47.3%**	**1.41 [0.62, 3.21]**
Total events	33		46			
Heterogeneity: Tau² = 0.43; Chi² = 8.15, df = 4 (P = 0.09); I² = 51%						
Test for overall effect: Z = 0.82 (P = 0.41)						
2.4.2 Non-disordered comparison						
MOLGAARD-NIELSEN2011	38	1019	19911	836263	38.5%	1.59 [1.15, 2.20]
HERNANDEZ-DIAZ2012	31	1562	5	442	14.3%	1.77 [0.68, 4.58]
Subtotal (95% CI)		**2581**		**836705**	**52.7%**	**1.61 [1.18, 2.18]**
Total events	69		19916			
Heterogeneity: Tau² = 0.00; Chi² = 0.05, df = 1 (P = 0.83); I² = 0%						
Test for overall effect: Z = 3.03 (P = 0.002)						
Total (95% CI)		**3618**		**838676**	**100.0%**	**1.48 [0.97, 2.27]**
Total events	102		19962			
Heterogeneity: Tau² = 0.10; Chi² = 8.68, df = 6 (P = 0.19); I² = 31%						
Test for overall effect: Z = 1.82 (P = 0.07)						
Test for subgroup differences: Chi² = 0.09, df = 1 (P = 0.77), I² = 0%						



Valproate- Teratogenic harms- Major congenital malformations-cohort design

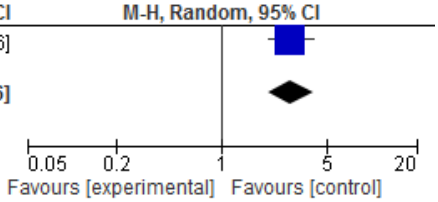
Study or Subgroup	Favours exposed Events	Total	Favours non-exposed Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
2.7.1 Disordered comparison						
BODEN2012	1	32	11	554	2.0%	1.59 [0.20, 12.73]
CANGER1999	6	44	0	25	1.0%	8.61 [0.46, 159.59]
CHARLTON2011	11	225	22	902	16.0%	2.06 [0.98, 4.31]
KAAJA2003	4	61	2	239	3.0%	8.32 [1.49, 46.52]
KANEKO1999	9	81	3	98	4.9%	3.96 [1.03, 15.15]
KINI2007	3	40	0	34	1.0%	6.44 [0.32, 129.23]
MORROW2006	44	715	8	227	14.8%	1.80 [0.83, 3.87]
VAJDA2007	22	166	3	83	5.7%	4.07 [1.18, 14.03]
Subtotal (95% CI)		**1364**		**2162**	**48.4%**	**2.60 [1.70, 3.97]**
Total events	100		49			
Heterogeneity: Tau² = 0.00; Chi² = 5.16, df = 7 (P = 0.64); I² = 0%						
Test for overall effect: Z = 4.40 (P < 0.0001)						
2.7.2 Non-disordered comparison						
BORTHEN2011	1	19	2	205	1.5%	5.64 [0.49, 65.24]
BROSH2011	5	31	5685	100315	9.5%	3.20 [1.23, 8.34]
DIAV-CITRIN2008	8	120	31	1236	13.6%	2.78 [1.25, 6.19]
HERNANDEZ-DIAZ2012	30	323	5	442	9.5%	8.95 [3.43, 23.33]
JENTINK2010	122	167	37032	76459		Not estimable
SAMREN1999	9	158	29	2000	14.9%	4.11 [1.91, 8.83]
STEEGERS-THEUNISSEN1994	3	19	2	106	2.5%	9.75 [1.51, 62.95]
Subtotal (95% CI)		**670**		**104304**	**51.6%**	**4.30 [2.85, 6.49]**
Total events	56		5754			
Heterogeneity: Tau² = 0.00; Chi² = 4.89, df = 5 (P = 0.43); I² = 0%						
Test for overall effect: Z = 6.94 (P < 0.00001)						
Total (95% CI)		**2034**		**106466**	**100.0%**	**3.37 [2.50, 4.53]**
Total events	156		5803			
Heterogeneity: Tau² = 0.00; Chi² = 12.54, df = 13 (P = 0.48); I² = 0%						
Test for overall effect: Z = 8.04 (P < 0.00001)						
Test for subgroup differences: Chi² = 2.79, df = 1 (P = 0.10), I² = 64.1%						



Valproate- Teratogenic harms- Major congenital malformations- case control design

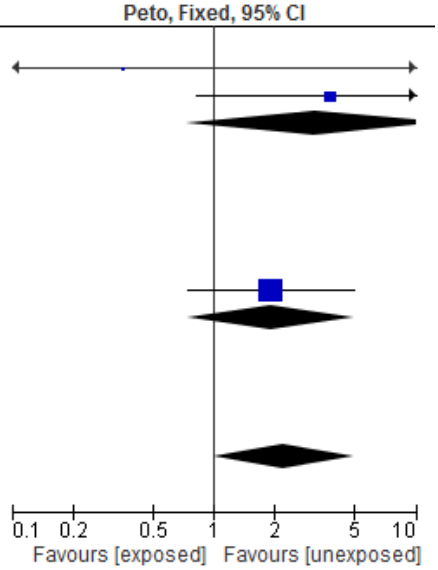
Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Odds Ratio M-H, Random, 95% CI
JENTINK2010	122	167	37032	76459	100.0%	2.89 [2.05, 4.06]
Total (95% CI)		**167**		**76459**	**100.0%**	**2.89 [2.05, 4.06]**
Total events	122		37032			

Heterogeneity: Not applicable
Test for overall effect: Z = 6.07 (P < 0.00001)



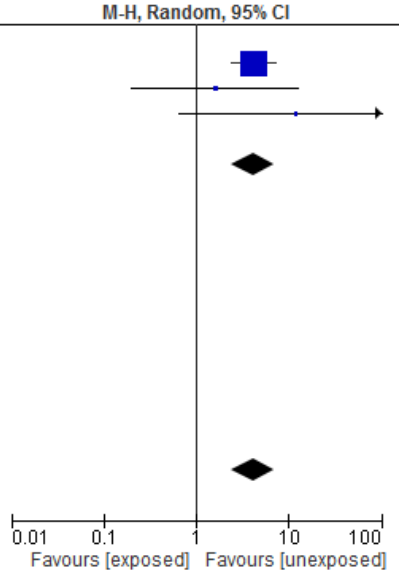
Carbamazepine- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
3.3.1 Disordered population						
BODEN2012	0	7	11	554	2.2%	0.36 [0.00, 76.77]
CANGER1999	12	113	0	25	27.1%	3.77 [0.82, 17.46]
Subtotal (95% CI)		**120**		**579**	**29.3%**	**3.16 [0.72, 13.78]**
Total events	12		11			
Heterogeneity: Chi² = 0.69, df = 1 (P = 0.41); I² = 0%						
Test for overall effect: Z = 1.53 (P = 0.13)						
3.3.3 Non-disordered population						
HOLMES2001	8	58	43	508	70.7%	1.91 [0.74, 4.94]
Subtotal (95% CI)		**58**		**508**	**70.7%**	**1.91 [0.74, 4.94]**
Total events	8		43			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.34 (P = 0.18)						
Total (95% CI)		**178**		**1087**	**100.0%**	**2.22 [1.00, 4.92]**
Total events	20		54			
Heterogeneity: Chi² = 1.00, df = 2 (P = 0.61); I² = 0%						
Test for overall effect: Z = 1.96 (P = 0.05)						
Test for subgroup differences: Chi² = 0.32, df = 1 (P = 0.57), I² = 0%						



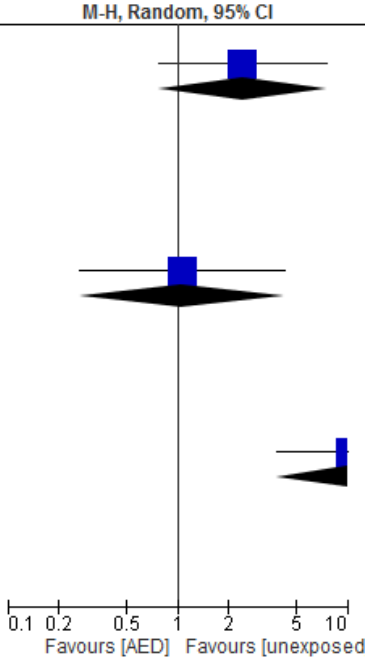
Valproate- Teratogenic harms- Congenital malformations-cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
3.4.1 Disordered comparison						
ARTAMA2005	28	263	26	939	90.3%	4.18 [2.41, 7.27]
BODEN2012	1	32	11	554	6.4%	1.59 [0.20, 12.73]
CANGER1999	8	44	0	25	3.3%	11.88 [0.66, 215.13]
CHRISTENSEN2013	51	508	25568	655107		Not estimable
Subtotal (95% CI)		**339**		**1518**	**100.0%**	**4.07 [2.41, 6.88]**
Total events	37		37			
Heterogeneity: Tau² = 0.00; Chi² = 1.35, df = 2 (P = 0.51); I² = 0%						
Test for overall effect: Z = 5.24 (P < 0.00001)						
3.4.2 Non-disordered comparison						
RODRIGUEZ-PINILLA2000	57	67	22237	44174		Not estimable
Subtotal (95% CI)		**0**		**0**		**Not estimable**
Total events	0		0			
Heterogeneity: Not applicable						
Test for overall effect: Not applicable						
Total (95% CI)		**339**		**1518**	**100.0%**	**4.07 [2.41, 6.88]**
Total events	37		37			
Heterogeneity: Tau² = 0.00; Chi² = 1.35, df = 2 (P = 0.51); I² = 0%						
Test for overall effect: Z = 5.24 (P < 0.00001)						
Test for subgroup differences: Not applicable						



Anticonvulsants- Teratogenic harms - neural tube defects-cohort design

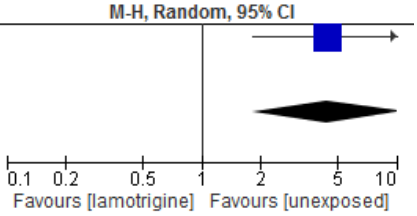
Study or Subgroup	Carbamazepine Events	Carbamazepine Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
5.1.1 Carbamazepine vs unexposed						
HERNANDEZ-DIAZ2012	3	1033	248	206224	100.0%	2.42 [0.77, 7.56]
Subtotal (95% CI)		**1033**		**206224**	**100.0%**	**2.42 [0.77, 7.56]**
Total events	3		248			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.52 (P = 0.13)						
5.1.2 Lamontrigine vs unexposed						
DOLK2008	2	40	3582	85068		Not estimable
HERNANDEZ-DIAZ2012	2	1562	248	206224	100.0%	1.06 [0.26, 4.29]
Subtotal (95% CI)		**1562**		**206224**	**100.0%**	**1.06 [0.26, 4.29]**
Total events	2		248			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.09 (P = 0.93)						
5.1.3 Valproate vs unexposed						
HERNANDEZ-DIAZ2012	4	323	248	206224	100.0%	10.41 [3.85, 28.14]
Subtotal (95% CI)		**323**		**206224**	**100.0%**	**10.41 [3.85, 28.14]**
Total events	4		248			
Heterogeneity: Not applicable						
Test for overall effect: Z = 4.62 (P < 0.00001)						



Test for subgroup differences: Chi² = 7.76, df = 2 (P = 0.02), I² = 74.2%

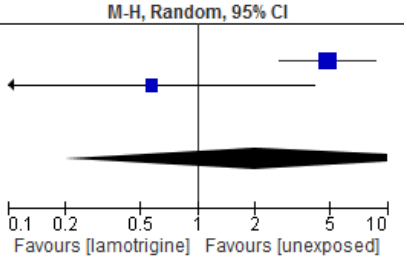
Carbamzepine- Teratogenic harms - cleft lip/palate- cohort design

Study or Subgroup	Lamotrigine Events	Lamotrigine Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
HERNANDEZ-DIAZ2012	5	1033	227	206224	100.0%	4.41 [1.82, 10.73]
WERLER2011	4	14	2417	8528		Not estimable
Total (95% CI)		**1033**		**206224**	**100.0%**	**4.41 [1.82, 10.73]**
Total events	5		227			
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.28 (P = 0.001)						



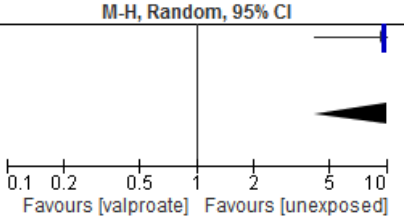
Lamotrigine- Teratogenic harms - cleft lip/palate- cohort design

Study or Subgroup	Lamotrigine Events	Lamotrigine Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
DOLK2008	2	40	5467	85068		Not estimable
HERNANDEZ-DIAZ2012	12	2246	227	206224	58.1%	4.87 [2.72, 8.72]
MOLGAARD-NIELSEN2011	1	1019	1422	836776	41.9%	0.58 [0.08, 4.10]
WERLER2011	3	5	2417	8528		Not estimable
Total (95% CI)		**3265**		**1043000**	**100.0%**	**1.99 [0.20, 19.79]**
Total events	13		1649			
Heterogeneity: Tau² = 2.27; Chi² = 5.17, df = 1 (P = 0.02); I² = 81%						
Test for overall effect: Z = 0.59 (P = 0.56)						



Valproate- Teratogenic harms - cleft lip/palate- cohort design

Study or Subgroup	Valproate Events	Valproate Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
HERNANDEZ-DIAZ2012	4	323	227	206224	100.0%	11.38 [4.21, 30.77]
WERLER2011	11	17	2417	8528		Not estimable
Total (95% CI)		**323**		**206224**	**100.0%**	**11.38 [4.21, 30.77]**
Total events	4		227			
Heterogeneity: Not applicable						
Test for overall effect: Z = 4.79 (P < 0.00001)						

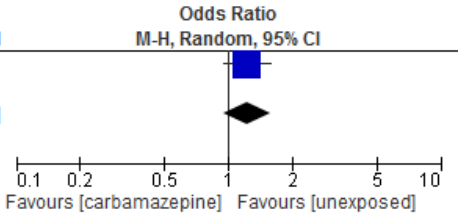


1.10.6 Anticonvulsants: Neonatal and Obstetric harms

Carbamzepine- Neonatal and obstetric complications- admission to neonatal care- cohort design

Study or Subgroup	CArbamazepine Events	Total	Unexposed Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
ARTAMA2013	111	1038	152	1708	100.0%	1.23 [0.95, 1.59]
Total (95% CI)		**1038**		**1708**	**100.0%**	**1.23 [0.95, 1.59]**
Total events	111		152			

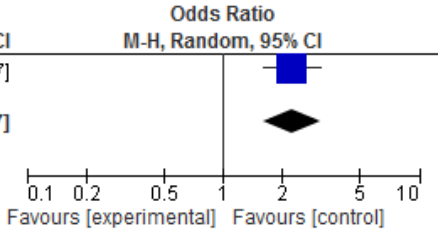
Heterogeneity: Not applicable
Test for overall effect: Z = 1.55 (P = 0.12)



Lamotrigine- Neonatal and obstetric complications- admission to neonatal care- cohort design

Study or Subgroup	Lamotrigine Events	Total	Unexposed Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
ARTAMA2013	52	289	152	1708	100.0%	2.25 [1.59, 3.17]
Total (95% CI)		**289**		**1708**	**100.0%**	**2.25 [1.59, 3.17]**
Total events	52		152			

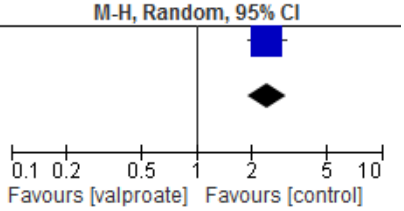
Heterogeneity: Not applicable
Test for overall effect: Z = 4.62 (P < 0.00001)



Valproate- Neonatal and obstetric complications- admission to neonatal care- cohort design

Study or Subgroup	Valproate Events	Total	Unexposed Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
ARTAMA2013	147	771	152	1708	100.0%	2.41 [1.89, 3.08]
Total (95% CI)		**771**		**1708**	**100.0%**	**2.41 [1.89, 3.08]**
Total events	147		152			

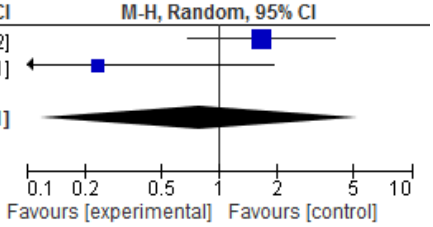
Heterogeneity: Not applicable
Test for overall effect: Z = 7.04 (P < 0.00001)



Carbamzepine- Neonatal and obstetric complications- stillbirth/perinatal death- cohort design

Study or Subgroup	Carbamazepine Events	Total	Unexposed Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
ARTAMA2013	10	1084	10	1800	61.7%	1.67 [0.69, 4.02]
DIAV-CITRIN2001	1	108	8	210	38.3%	0.24 [0.03, 1.91]
Total (95% CI)		**1192**		**2010**	**100.0%**	**0.79 [0.12, 5.31]**
Total events	11		18			

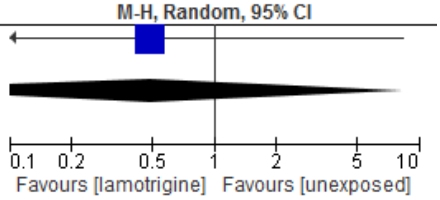
Heterogeneity: Tau² = 1.33; Chi² = 2.99, df = 1 (P = 0.08); I² = 67%
Test for overall effect: Z = 0.24 (P = 0.81)



Lamotrigine- Neonatal and obstetric complications- stillbirth/perinatal death - cohort design

Study or Subgroup	Lamotrigine Events	Lamotrigine Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
ARTAMA2013	0	173	10	1800	100.0%	0.49 [0.03, 8.42]
Total (95% CI)		**173**		**1800**	**100.0%**	**0.49 [0.03, 8.42]**
Total events	0		10			

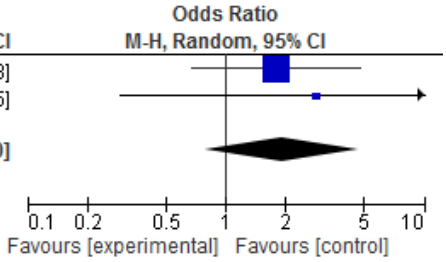
Heterogeneity: Not applicable
Test for overall effect: Z = 0.49 (P = 0.62)



Valproate- Neonatal and obstetric complications- stillbirth/perinatal death - cohort design

Study or Subgroup	Valproate Events	Valproate Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
ARTAMA2013	7	706	10	1800	84.6%	1.79 [0.68, 4.73]
DIAV-CITRIN2008	1	154	3	1315	15.4%	2.86 [0.30, 27.65]
Total (95% CI)		**860**		**3115**	**100.0%**	**1.93 [0.79, 4.70]**
Total events	8		13			

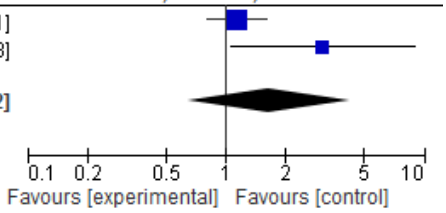
Heterogeneity: Tau² = 0.00; Chi² = 0.14, df = 1 (P = 0.71); I² = 0%
Test for overall effect: Z = 1.44 (P = 0.15)



Carbamzepine- Neonatal and obstetric complications- preterm birth- cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
ARTAMA2013	58	1084	85	1800	63.2%	1.14 [0.81, 1.61]
DIAV-CITRIN2001	9	108	6	210	36.8%	3.09 [1.07, 8.93]
Total (95% CI)		**1192**		**2010**	**100.0%**	**1.65 [0.64, 4.22]**
Total events	67		91			

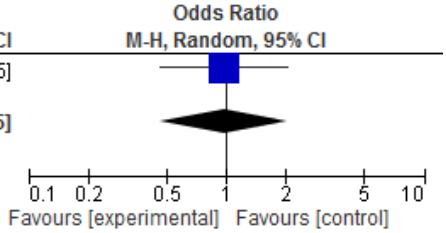
Heterogeneity: Tau² = 0.34; Chi² = 3.07, df = 1 (P = 0.08); I² = 67%
Test for overall effect: Z = 1.04 (P = 0.30)



Lamotrigine- Neonatal and obstetric complications- preterm birth - cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
ARTAMA2013	8	173	85	1800	100.0%	0.98 [0.47, 2.05]
Total (95% CI)		**173**		**1800**	**100.0%**	**0.98 [0.47, 2.05]**
Total events	8		85			

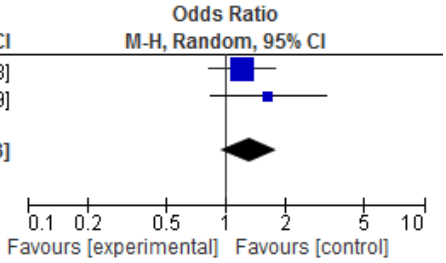
Heterogeneity: Not applicable
Test for overall effect: Z = 0.06 (P = 0.95)



Valproate- Neonatal and obstetric complications- preterm birth - cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
ARTAMA2013	40	706	85	1800	74.8%	1.21 [0.82, 1.78]
DIAV-CITRIN2008	11	119	69	1179	25.2%	1.64 [0.84, 3.19]
Total (95% CI)		**825**		**2979**	**100.0%**	**1.31 [0.94, 1.83]**
Total events	51		154			

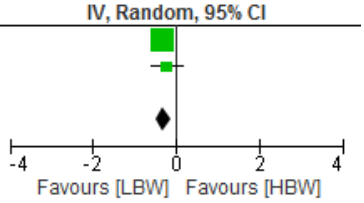
Heterogeneity: Tau² = 0.00; Chi² = 0.59, df = 1 (P = 0.44); I² = 0%
Test for overall effect: Z = 1.57 (P = 0.12)



Carbamzepine- Neonatal and obstetric complications- birthweight- cohort design

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DIAV-CITRIN2001	3,127	697	108	3,316	486	210	72.1%	-0.33 [-0.57, -0.10]
HVAS2000	3,303	507	37	3,437	605	106	27.9%	-0.23 [-0.60, 0.15]
Total (95% CI)			**145**			**316**	**100.0%**	**-0.30 [-0.50, -0.11]**

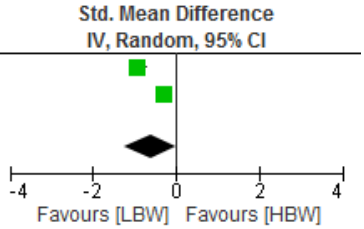
Heterogeneity: Tau² = 0.00; Chi² = 0.21, df = 1 (P = 0.65); I² = 0%
Test for overall effect: Z = 3.00 (P = 0.003)



Valproate- Neonatal and obstetric complications- birthweight - cohort design

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HVAS2000	3,223	12	618	3,437	605	106	49.6%	-0.93 [-1.14, -0.71]
DIAV-CITRIN2008	3,223	402	126	3,357	460	1315	50.4%	-0.29 [-0.48, -0.11]
Total (95% CI)			**744**			**1421**	**100.0%**	**-0.61 [-1.23, 0.01]**

Heterogeneity: Tau² = 0.19; Chi² = 19.56, df = 1 (P < 0.00001); I² = 95%
Test for overall effect: Z = 1.92 (P = 0.05)



1.10.7 Anticonvulsants: Neurodevelopmental outcomes

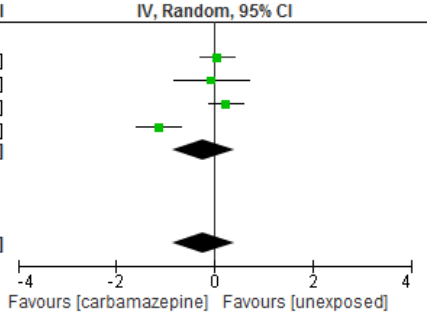
Carbamzepine- Neurodevelopmental outcomes – Full scale IQ- cohort design

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
21.1.1 Disordered comparison								
ADAB2004/VITEN2005	91	17.96	52	90	17.97	80	27.1%	0.06 [-0.29, 0.40]
ERIKSSON2005	98.9	12.659	13	99.6	7.695	13	20.4%	-0.06 [-0.83, 0.70]
GAILY2004	99.7	16.69	86	95.6	17.78	45	26.9%	0.24 [-0.12, 0.60]
ORNOY1996	100.3	15	41	112.4	4	47	25.6%	-1.13 [-1.58, -0.68]
Subtotal (95% CI)			**192**			**185**	**100.0%**	**-0.22 [-0.85, 0.40]**

Heterogeneity: Tau² = 0.35; Chi² = 23.76, df = 3 (P < 0.0001); I² = 87%
Test for overall effect: Z = 0.70 (P = 0.49)

Total (95% CI)			**192**			**185**	**100.0%**	**-0.22 [-0.85, 0.40]**

Heterogeneity: Tau² = 0.35; Chi² = 23.76, df = 3 (P < 0.0001); I² = 87%
Test for overall effect: Z = 0.70 (P = 0.49)
Test for subgroup differences: Not applicable



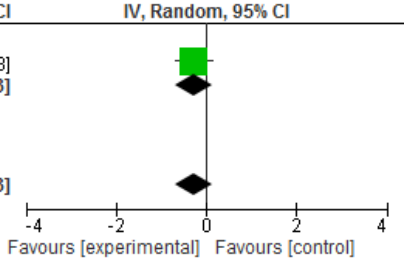
Lamotrigine- Neurodevelopmental outcomes – Full scale IQ- cohort design

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
21.2.2 Non-disordered comparison								
RIHTMAN2013	105.56	12.49	41	108.71	10.2	52	100.0%	-0.28 [-0.69, 0.13]
Subtotal (95% CI)			**41**			**52**	**100.0%**	**-0.28 [-0.69, 0.13]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.32 (P = 0.19)

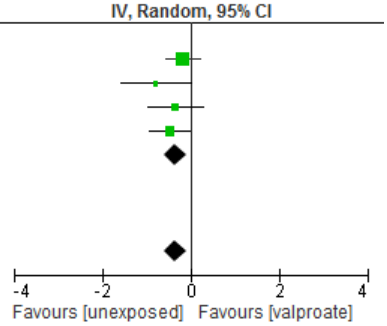
Total (95% CI)			**41**			**52**	**100.0%**	**-0.28 [-0.69, 0.13]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.32 (P = 0.19)
Test for subgroup differences: Not applicable



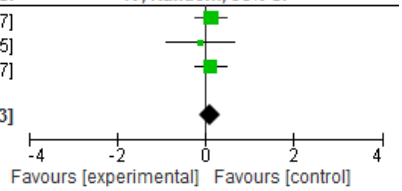
Valproate- Neurodevelopmental outcomes – Full scale IQ- cohort design

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
21.3.1 Disordered comparison								
ADAB2004/VITEN2005	87	17.42	41	90	17.97	80	44.2%	-0.17 [-0.54, 0.21]
ERIKSSON2005	84.5	25.07	13	99.6	7.695	13	9.7%	-0.79 [-1.59, 0.01]
GAILY2004	89.7	12.98	13	95.6	17.78	45	16.3%	-0.35 [-0.97, 0.28]
RIHTMAN2013	103.93	10	29	108.71	10.2	52	29.7%	-0.47 [-0.93, -0.01]
Subtotal (95% CI)			**96**			**190**	**100.0%**	**-0.35 [-0.60, -0.10]**
Heterogeneity: Tau² = 0.00; Chi² = 2.29, df = 3 (P = 0.51); I² = 0%								
Test for overall effect: Z = 2.71 (P = 0.007)								
Total (95% CI)			**96**			**190**	**100.0%**	**-0.35 [-0.60, -0.10]**
Heterogeneity: Tau² = 0.00; Chi² = 2.29, df = 3 (P = 0.51); I² = 0%								
Test for overall effect: Z = 2.71 (P = 0.007)								
Test for subgroup differences: Not applicable								



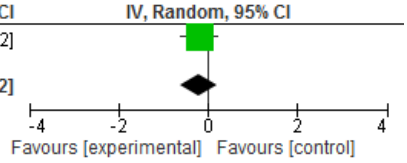
Carbamzepine- Neurodevelopmental outcomes – Verbal IQ- cohort design

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ADAB2004/VITEN2005	94	16.16	52	92	15.73	80	46.6%	0.13 [-0.22, 0.47]
ERIKSSON2005	96.5	15.803	13	98.2	11.58	13	9.6%	-0.12 [-0.89, 0.65]
GAILY2004	96.2	17.62	86	94.3	17.44	45	43.7%	0.11 [-0.25, 0.47]
Total (95% CI)			**151**			**138**	**100.0%**	**0.09 [-0.14, 0.33]**
Heterogeneity: Tau² = 0.00; Chi² = 0.33, df = 2 (P = 0.85); I² = 0%								
Test for overall effect: Z = 0.77 (P = 0.44)								



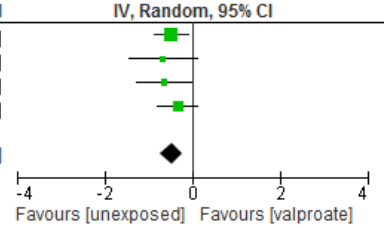
Lamotrigine- Neurodevelopmental outcomes – Verbal IQ- cohort design

Study or Subgroup	Lamotrigine Mean	Lamotrigine SD	Lamotrigine Total	Unexposed Mean	Unexposed SD	Unexposed Total	Weight	Std. Mean Difference IV, Random, 95% CI
RIHTMAN2013	102.78	14.16	41	105.27	11.76	52	100.0%	-0.19 [-0.60, 0.22]
Total (95% CI)			**41**			**52**	**100.0%**	**-0.19 [-0.60, 0.22]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.92 (P = 0.36)								



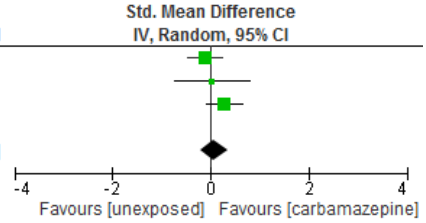
Valproate- Neurodevelopmental outcomes – Verbal IQ- cohort design

Study or Subgroup	Valproate Mean	Valproate SD	Valproate Total	Unexposed Mean	Unexposed SD	Unexposed Total	Weight	Std. Mean Difference IV, Random, 95% CI
ADAB2004/VITEN2005	84	19.01	41	92	15.73	80	43.6%	-0.47 [-0.85, -0.09]
ERIKSSON2005	85.1	24.574	13	98.2	11.58	13	10.1%	-0.66 [-1.45, 0.13]
GAILY2004	83.5	13.7	13	94.3	17.44	45	16.0%	-0.64 [-1.27, -0.01]
RIHTMAN2013	101.38	11.73	29	105.27	11.76	52	30.3%	-0.33 [-0.79, 0.13]
Total (95% CI)			**96**			**190**	**100.0%**	**-0.47 [-0.72, -0.22]**
Heterogeneity: Tau² = 0.00; Chi² = 0.87, df = 3 (P = 0.83); I² = 0%								
Test for overall effect: Z = 3.68 (P = 0.0002)								



Carbamzepine- Neurodevelopmental outcomes – Performance IQ- cohort design

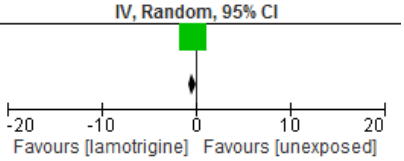
Study or Subgroup	Carbamazepine Mean	Carbamazepine SD	Carbamazepine Total	Unexposed Mean	Unexposed SD	Unexposed Total	Weight	Std. Mean Difference IV, Random, 95% CI
ADAB2004/VITEN2005	89	16.16	52	91	17.97	80	45.5%	-0.12 [-0.46, 0.23]
ERIKSSON2005	102.5	14.645	13	102.1	13.16	13	11.5%	0.03 [-0.74, 0.80]
GAILY2004	103.1	13.91	86	98.6	19.45	45	43.0%	0.28 [-0.08, 0.64]
Total (95% CI)			**151**			**138**	**100.0%**	**0.07 [-0.20, 0.34]**
Heterogeneity: Tau² = 0.01; Chi² = 2.37, df = 2 (P = 0.31); I² = 16%								
Test for overall effect: Z = 0.52 (P = 0.60)								



Lamotrigine- Neurodevelopmental outcomes – Performance IQ- cohort design

Study or Subgroup	Lamotrigine Mean	Lamotrigine SD	Lamotrigine Total	Unexposed Mean	Unexposed SD	Unexposed Total	Weight	Std. Mean Difference IV, Random, 95% CI
RIHTMAN2013	108.27	11.8	41	112.06	11.02	52	100.0%	-0.33 [-0.74, 0.08]
Total (95% CI)			**41**			**52**	**100.0%**	**-0.33 [-0.74, 0.08]**

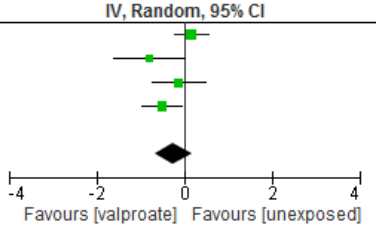
Heterogeneity: Not applicable
Test for overall effect: Z = 1.57 (P = 0.12)



Valproate- Neurodevelopmental outcomes – Performance IQ- cohort design

Study or Subgroup	Valproate Mean	Valproate SD	Valproate Total	Unexposed Mean	Unexposed SD	Unexposed Total	Weight	Std. Mean Difference IV, Random, 95% CI
ADAB2004/VITEN2005	94	15.84	41	91	17.97	80	32.1%	0.17 [-0.20, 0.55]
ERIKSSON2005	84.7	26.974	13	102.1	13.16	13	16.9%	-0.79 [-1.60, 0.01]
GAILY2004	96.3	17.3	13	98.6	19.45	45	22.5%	-0.12 [-0.74, 0.50]
RIHTMAN2013	106.59	10.32	29	112.06	11.02	52	28.5%	-0.50 [-0.96, -0.04]
Total (95% CI)			**96**			**190**	**100.0%**	**-0.25 [-0.67, 0.17]**

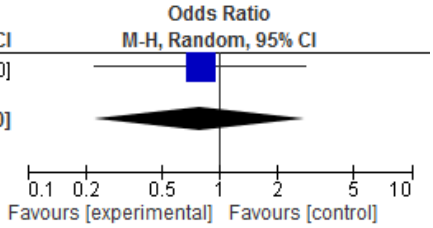
Heterogeneity: Tau² = 0.11; Chi² = 7.51, df = 3 (P = 0.06); I² = 60%
Test for overall effect: Z = 1.15 (P = 0.25)



Carbamazepine- Neurodevelopmental outcomes – Autism checklist score- cohort design

Study or Subgroup	Carbamazepine Events	Carbamazepine Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
VEIBY2013	3	41	20	221	100.0%	0.79 [0.22, 2.80]
Total (95% CI)		**41**		**221**	**100.0%**	**0.79 [0.22, 2.80]**
Total events	3		20			

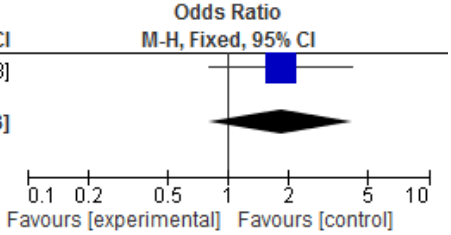
Heterogeneity: Not applicable
Test for overall effect: Z = 0.36 (P = 0.72)



Lamotrigine- Neurodevelopmental outcomes – Autism checklist score- cohort design

Study or Subgroup	Lamotrigine Events	Lamotrigine Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Fixed, 95% CI
VEIBY2013	10	65	20	221	100.0%	1.83 [0.81, 4.13]
Total (95% CI)		**65**		**221**	**100.0%**	**1.83 [0.81, 4.13]**
Total events	10		20			

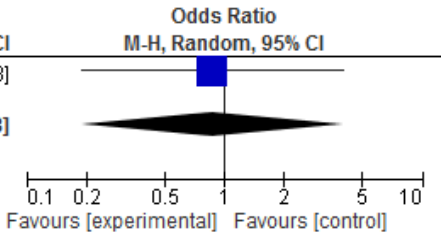
Heterogeneity: Not applicable
Test for overall effect: Z = 1.45 (P = 0.15)



Valproate- Neurodevelopmental outcomes – Autism checklist score- cohort design

Study or Subgroup	Valproate Events	Valproate Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
VEIBY2013	2	25	20	221	100.0%	0.87 [0.19, 3.98]
Total (95% CI)		**25**		**221**	**100.0%**	**0.87 [0.19, 3.98]**
Total events	2		20			

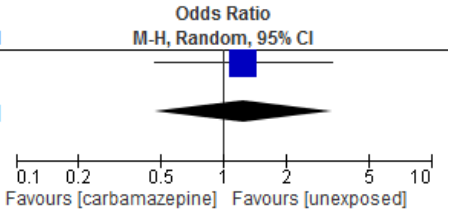
Heterogeneity: Not applicable
Test for overall effect: Z = 0.17 (P = 0.86)



Carbamazepine- Neurodevelopmental outcomes – Autism spectrum disorder- cohort design

Study or Subgroup	Carbamazepine Events	Carbamazepine Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
CHRISTENSEN2013	4	386	5433	655153	100.0%	1.25 [0.47, 3.35]
Total (95% CI)		**386**		**655153**	**100.0%**	**1.25 [0.47, 3.35]**
Total events	4		5433			

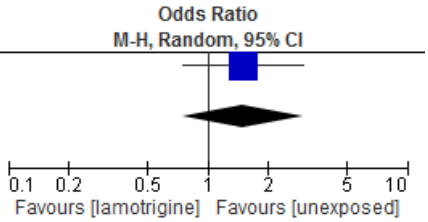
Heterogeneity: Not applicable
Test for overall effect: Z = 0.45 (P = 0.65)



Lamotrigine- Neurodevelopmental outcomes – Autism spectrum disorder- cohort design

Study or Subgroup	Lamotrigine Events	Lamotrigine Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
CHRISTENSEN2013	8	647	5426	654747	100.0%	1.50 [0.75, 3.01]
Total (95% CI)		**647**		**654747**	**100.0%**	**1.50 [0.75, 3.01]**
Total events	8		5426			

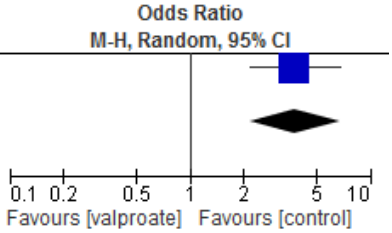
Heterogeneity: Not applicable
Test for overall effect: Z = 1.14 (P = 0.26)



Valproate- Neurodevelopmental outcomes – Autism spectrum disorder- cohort design

Study or Subgroup	Valproate Events	Valproate Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
CHRISTENSEN2013	12	388	5423	655107	100.0%	3.82 [2.15, 6.80]
Total (95% CI)		**388**		**655107**	**100.0%**	**3.82 [2.15, 6.80]**
Total events	12		5423			

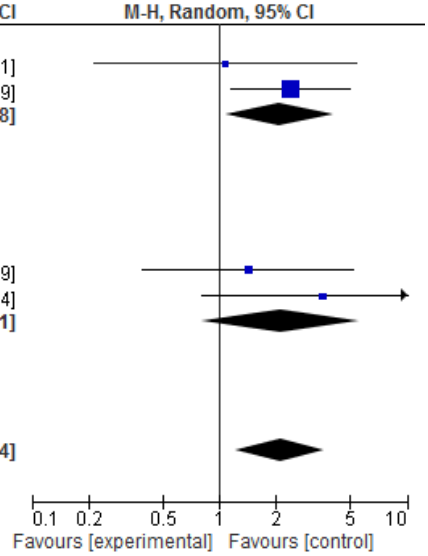
Heterogeneity: Not applicable
Test for overall effect: Z = 4.57 (P < 0.00001)



1.10.8 Lithium: Teratogenic harms

Lithium- Teratogenic harms- Congenital malformations- cohort design

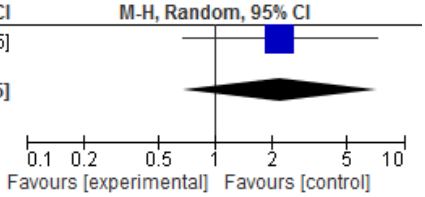
Study or Subgroup	Exposed (lithium) Events	Exposed (lithium) Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
27.1.1 Lithium vs unexposed						
JACOBSON1992	3	138	3	148	11.6%	1.07 [0.21, 5.41]
REIS2008	8	79	43612	973767	56.6%	2.40 [1.16, 4.99]
Subtotal (95% CI)		**217**		**973915**	**68.2%**	**2.10 [1.08, 4.08]**
Total events	11		43615			
Heterogeneity: Tau² = 0.00; Chi² = 0.81, df = 1 (P = 0.37); I² = 0%						
Test for overall effect: Z = 2.18 (P = 0.03)						
27.1.2 Lithium vs unexposed (psychiatric diagnosis)						
BODEN2012	3	107	11	554	18.1%	1.42 [0.39, 5.19]
KALLEN1983	5	41	3	80	13.7%	3.56 [0.81, 15.74]
Subtotal (95% CI)		**148**		**634**	**31.8%**	**2.12 [0.80, 5.61]**
Total events	8		14			
Heterogeneity: Tau² = 0.00; Chi² = 0.84, df = 1 (P = 0.36); I² = 0%						
Test for overall effect: Z = 1.51 (P = 0.13)						
Total (95% CI)		**365**		**974549**	**100.0%**	**2.10 [1.21, 3.64]**
Total events	19		43629			
Heterogeneity: Tau² = 0.00; Chi² = 1.63, df = 3 (P = 0.65); I² = 0%						
Test for overall effect: Z = 2.65 (P = 0.008)						
Test for subgroup differences: Chi² = 0.00, df = 1 (P = 0.99), I² = 0%						



Lithium- Teratogenic harms- Congenital malformations- case-control design

Study or Subgroup	Exposed (lithium) Events	Total	Unexposed Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
CZEIZEL1990	6	11	11692	33233	100.0%	2.21 [0.67, 7.25]
Total (95% CI)		**11**		**33233**	**100.0%**	**2.21 [0.67, 7.25]**
Total events	6		11692			

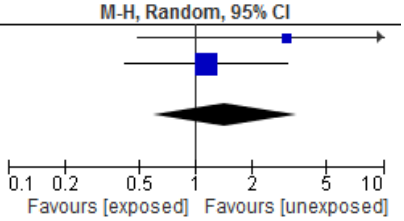
Heterogeneity: Not applicable
Test for overall effect: Z = 1.31 (P = 0.19)



Lithium- Teratogenic harms- Heart defects- cohort design

Study or Subgroup	Exposed (lithium) Events	Total	Unexposed Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
KALLEN1983	3	41	2	80	23.2%	3.08 [0.49, 19.21]
REIS2008	4	79	43612	973767	76.8%	1.14 [0.42, 3.11]
Total (95% CI)		**120**		**973847**	**100.0%**	**1.43 [0.59, 3.46]**
Total events	7		43614			

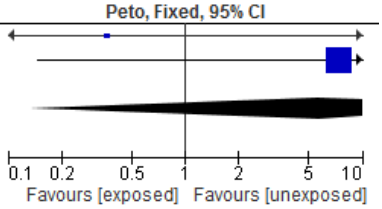
Heterogeneity: Tau² = 0.00; Chi² = 0.87, df = 1 (P = 0.35); I² = 0%
Test for overall effect: Z = 0.80 (P = 0.42)



Lithium- Teratogenic harms- Ebstein's anomaly- cohort design

Study or Subgroup	Exposed (lithium) Events	Total	Unexposed Events	Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
CORREA-VILLASENOR1995	0	44	2	3572	8.8%	0.36 [0.00, 112430.78]
JACOBSON1992	1	148	0	148	91.2%	7.39 [0.15, 372.38]
Total (95% CI)		**192**		**3720**	**100.0%**	**5.67 [0.13, 239.82]**
Total events	1		2			

Heterogeneity: Chi² = 0.20, df = 1 (P = 0.66); I² = 0%
Test for overall effect: Z = 0.91 (P = 0.36)



1.10.9 Benzodiazepines: Teratogenic harms

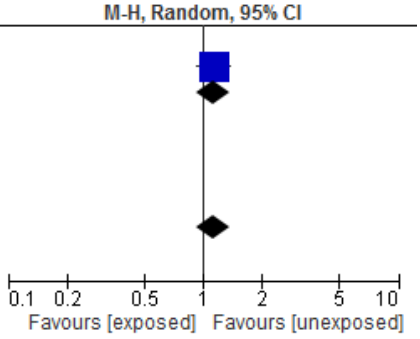
Benzodiazepines- Teratogenic harms- congenital malformations- cohort design

Study or Subgroup	Exposed Events	Total	Unexposed Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
2.1.1 Any benzodiazepine vs unexposed COHORT						
WIKNER2007	105	1979	41226	873879	100.0%	1.13 [0.93, 1.38]
Subtotal (95% CI)		**1979**		**873879**	**100.0%**	**1.13 [0.93, 1.38]**
Total events	105		41226			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.23 (P = 0.22)

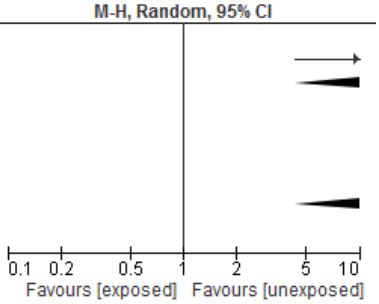
Total (95% CI)		**1979**		**873879**	**100.0%**	**1.13 [0.93, 1.38]**
Total events	105		41226			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.23 (P = 0.22)
Test for subgroup differences: Not applicable



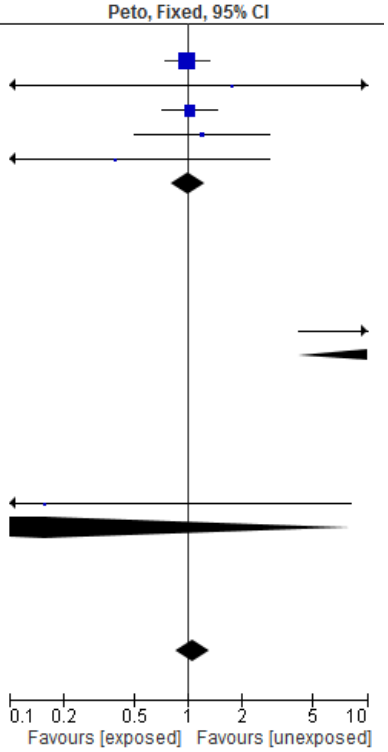
Benzodiazepines- Teratogenic harms- congenital malformations- case-control design

Study or Subgroup	Favours [exposed] Events	Total	Unexposed Events	Total	Weight	Odds Ratio M-H, Random, 95% CI
2.1.2 Any benzodiazepine vs unexposed CASE-CONTROL						
LAEGREID1990- casecontrol	8	10	10	68	100.0%	23.20 [4.29, 125.55]
Subtotal (95% CI)		**10**		**68**	**100.0%**	**23.20 [4.29, 125.55]**
Total events	8		10			
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.65 (P = 0.0003)						
Total (95% CI)		**10**		**68**	**100.0%**	**23.20 [4.29, 125.55]**
Total events	8		10			
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.65 (P = 0.0003)						
Test for subgroup differences: Not applicable						



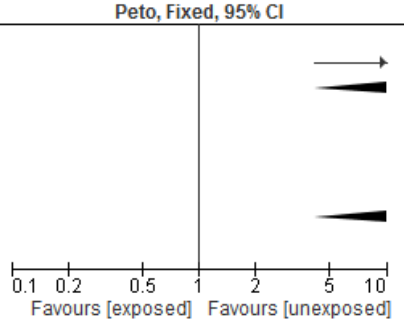
Benzodiazepines- Teratogenic harms- major congenital malformations- cohort design

Study or Subgroup	Exposed Events	Total	Unexposed Events	Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
2.2.1 Any benzodiazepine exposed vs unexposed COHORT						
BAN2014	52	1944	518	19193	55.2%	0.99 [0.74, 1.32]
LAEGREID1992	1	17	1	29	0.5%	1.77 [0.10, 32.34]
OBERLANDER2008	31	968	3369	107320	34.8%	1.02 [0.71, 1.47]
ORNOY1998	11	355	10	382	6.1%	1.19 [0.50, 2.83]
PASTUSZAK1996	1	106	3	115	1.2%	0.39 [0.05, 2.84]
Subtotal (95% CI)		**3390**		**127039**	**97.8%**	**1.01 [0.81, 1.25]**
Total events	96		3901			
Heterogeneity: Chi² = 1.17, df = 4 (P = 0.88); I² = 0%						
Test for overall effect: Z = 0.05 (P = 0.96)						
2.2.2 Any benzodiazepine exposed vs unexposed CASE-CONTROL						
LAEGREID1990- casecontrol	7	10	11	68	1.9%	19.95 [4.17, 95.45]
Subtotal (95% CI)		**10**		**68**	**1.9%**	**19.95 [4.17, 95.45]**
Total events	7		11			
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.75 (P = 0.0002)						
2.2.3 Zopiclone vs unexposed						
DIAV-CITRIN1999	0	31	1	37	0.3%	0.16 [0.00, 8.15]
Subtotal (95% CI)		**31**		**37**	**0.3%**	**0.16 [0.00, 8.15]**
Total events	0		1			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.92 (P = 0.36)						
Total (95% CI)		**3431**		**127144**	**100.0%**	**1.06 [0.85, 1.31]**
Total events	103		3913			
Heterogeneity: Chi² = 15.80, df = 6 (P = 0.01); I² = 62%						
Test for overall effect: Z = 0.51 (P = 0.61)						
Test for subgroup differences: Chi² = 14.63, df = 2 (P = 0.0007), I² = 86.3%						



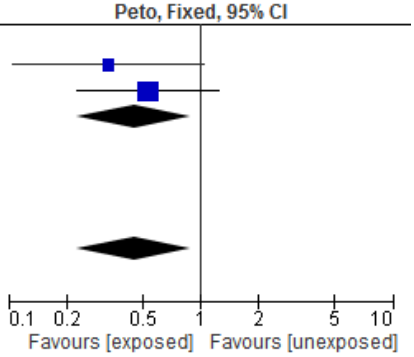
Benzodiazepines- Teratogenic harms- major congenital malformations- case-control design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
2.2.2 Any benzodiazepine exposed vs unexposed CASE-CONTROL						
LAEGREID1990- casecontrol	7	10	11	68	100.0%	19.95 [4.17, 95.45]
Subtotal (95% CI)		**10**		**68**	**100.0%**	**19.95 [4.17, 95.45]**
Total events	7		11			
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.75 (P = 0.0002)						
Total (95% CI)		**10**		**68**	**100.0%**	**19.95 [4.17, 95.45]**
Total events	7		11			
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.75 (P = 0.0002)						
Test for subgroup differences: Not applicable						



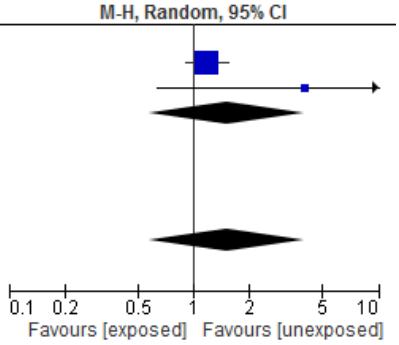
Benzodiazepines- Teratogenic harms- cleft lip/palate- cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Peto Odds Ratio Peto, Fixed, 95% CI
2.4.1 Any benzodiazepine vs unexposed						
BAN2014	0	1944	35	19193	35.3%	0.33 [0.11, 1.05]
WIKNER2007	2	1979	2375	873879	64.7%	0.53 [0.23, 1.24]
Subtotal (95% CI)		**3923**		**893072**	**100.0%**	**0.45 [0.23, 0.89]**
Total events	2		2410			
Heterogeneity: Chi² = 0.42, df = 1 (P = 0.52); I² = 0%						
Test for overall effect: Z = 2.29 (P = 0.02)						
Total (95% CI)		**3923**		**893072**	**100.0%**	**0.45 [0.23, 0.89]**
Total events	2		2410			
Heterogeneity: Chi² = 0.42, df = 1 (P = 0.52); I² = 0%						
Test for overall effect: Z = 2.29 (P = 0.02)						
Test for subgroup differences: Not applicable						



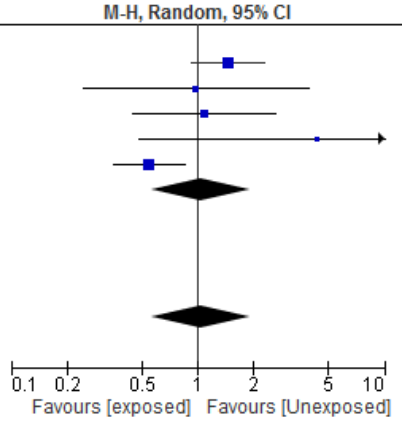
Benzodiazepines- Teratogenic harms- cleft lip/palate- case-control design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
2.6.2 Any benzodiazepine vs unexposed CASE-CONTROL						
CZEIZEL1987-case control	116	215	2129	4275	79.2%	1.18 [0.90, 1.55]
LAEGREID1990- casecontrol	2	10	4	68	20.8%	4.00 [0.63, 25.43]
Subtotal (95% CI)		**225**		**4343**	**100.0%**	**1.52 [0.58, 4.02]**
Total events	118		2133			
Heterogeneity: Tau² = 0.29; Chi² = 1.64, df = 1 (P = 0.20); I² = 39%						
Test for overall effect: Z = 0.85 (P = 0.40)						
Total (95% CI)		**225**		**4343**	**100.0%**	**1.52 [0.58, 4.02]**
Total events	118		2133			
Heterogeneity: Tau² = 0.29; Chi² = 1.64, df = 1 (P = 0.20); I² = 39%						
Test for overall effect: Z = 0.85 (P = 0.40)						
Test for subgroup differences: Not applicable						



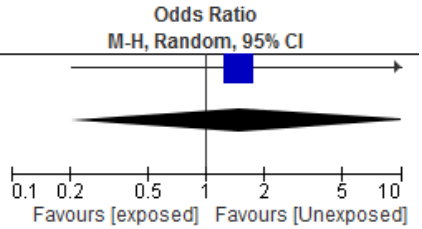
Benzodiazepines- Teratogenic harms- cardiac abnormalities- cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
1.1.1 Any benzodiazepine vs unexposed						
BAN2014	22	1944	149	19193	30.2%	1.46 [0.93, 2.29]
LEPPEE2010	3	303	6	590	12.5%	0.97 [0.24, 3.92]
OBERLANDER2008	5	968	512	107320	20.5%	1.08 [0.45, 2.62]
ORNOY1998	4	355	1	382	6.3%	4.34 [0.48, 39.03]
WIKNER2007	20	2830	11257	873879	30.4%	0.55 [0.35, 0.85]
Subtotal (95% CI)		**6400**		**1001364**	**100.0%**	**1.04 [0.56, 1.90]**
Total events	54		11925			
Heterogeneity: Tau² = 0.27; Chi² = 11.89, df = 4 (P = 0.02); I² = 66%						
Test for overall effect: Z = 0.12 (P = 0.91)						
Total (95% CI)		**6400**		**1001364**	**100.0%**	**1.04 [0.56, 1.90]**
Total events	54		11925			
Heterogeneity: Tau² = 0.27; Chi² = 11.89, df = 4 (P = 0.02); I² = 66%						
Test for overall effect: Z = 0.12 (P = 0.91)						
Test for subgroup differences: Not applicable						



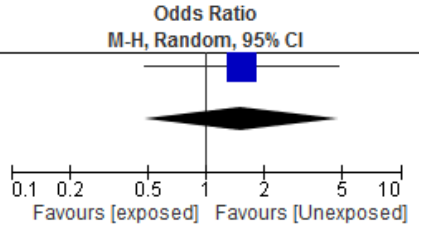
Benzodiazepines- Teratogenic harms- septal heart defects- cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
OBERLANDER2008	1	968	75	107320	100.0%	1.48 [0.21, 10.65]
Total (95% CI)		**968**		**107320**	**100.0%**	**1.48 [0.21, 10.65]**
Total events	1		75			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.39 (P = 0.70)						



Benzodiazepines- Teratogenic harms- atrioventricular defects- cohort design

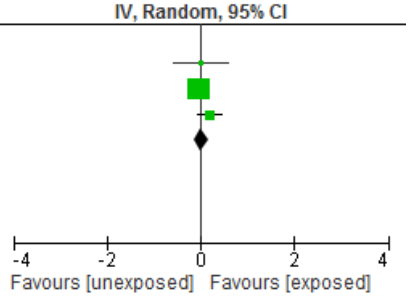
Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
OBERLANDER2008	3	968	219	107320	100.0%	1.52 [0.49, 4.76]
Total (95% CI)		**968**		**107320**	**100.0%**	**1.52 [0.49, 4.76]**
Total events	3		219			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.72 (P = 0.47)						



1.10.10 Benzodiazepines: Neonatal and Obstetric complications

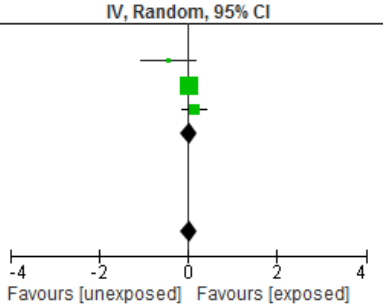
Benzodiazepines- Neonatal and obstetric complications- gestational age at delivery- cohort design

Study or Subgroup	Exposed Mean	Exposed SD	Exposed Total	Non exposed Mean	Non exposed SD	Non exposed Total	Weight	Std. Mean Difference IV, Random, 95% CI
4.2.1 Any benzodiazepines vs unexposed								
LAEGREID1992	39.2	1.6	17	39.2	1.5	29	5.5%	0.00 [-0.60, 0.60]
ORNOY1998	39.2	2.3	355	39.3	2.2	424	69.7%	-0.04 [-0.19, 0.10]
PASTUSZAK1996	39.2	2.6	106	38.7	2.7	106	24.7%	0.19 [-0.08, 0.46]
Subtotal (95% CI)			**478**			**559**	**100.0%**	**0.02 [-0.13, 0.16]**
Heterogeneity: Tau² = 0.00; Chi² = 2.24, df = 2 (P = 0.33); I² = 11%								
Test for overall effect: Z = 0.21 (P = 0.83)								
Test for subgroup differences: Not applicable								



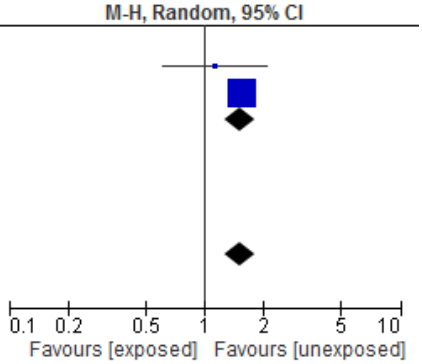
Benzodiazepines- Neonatal and obstetric complications- birthweight- cohort design

Study or Subgroup	Exposed Mean	Exposed SD	Exposed Total	Unexposed Mean	Unexposed SD	Unexposed Total	Weight	Std. Mean Difference IV, Random, 95% CI
4.5.1 Any Benzodiazepines vs unexposed								
LAEGREID1992	3,242	364	17	3,483	608	29	8.6%	-0.44 [-1.05, 0.16]
ORNOY1998	3,169.2	630.2	355	3,153.8	717.4	424	60.0%	0.02 [-0.12, 0.16]
PASTUSZAK1996	3,396.3	710	106	3,304.6	603.3	106	31.4%	0.14 [-0.13, 0.41]
Subtotal (95% CI)			**478**			**559**	**100.0%**	**0.02 [-0.17, 0.21]**
Heterogeneity: Tau² = 0.01; Chi² = 2.99, df = 2 (P = 0.22); I² = 33%								
Test for overall effect: Z = 0.20 (P = 0.84)								
Total (95% CI)			**478**			**559**	**100.0%**	**0.02 [-0.17, 0.21]**
Heterogeneity: Tau² = 0.01; Chi² = 2.99, df = 2 (P = 0.22); I² = 33%								
Test for overall effect: Z = 0.20 (P = 0.84)								
Test for subgroup differences: Not applicable								



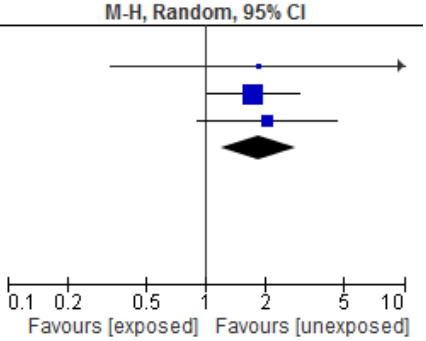
Benzodiazepines- Neonatal and obstetric complications- caesarean delivery- cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
4.9.1 Any benzodiazepines vs unexposed						
PASTUSZAK1996	29	101	29	110	8.2%	1.13 [0.61, 2.06]
WIKNER2007	211	2830	42875	873879	91.8%	1.56 [1.36, 1.80]
Subtotal (95% CI)		**2931**		**873989**	**100.0%**	**1.52 [1.27, 1.81]**
Total events	240		42904			
Heterogeneity: Tau² = 0.00; Chi² = 1.07, df = 1 (P = 0.30); I² = 7%						
Test for overall effect: Z = 4.65 (P < 0.00001)						
Total (95% CI)		**2931**		**873989**	**100.0%**	**1.52 [1.27, 1.81]**
Total events	240		42904			
Heterogeneity: Tau² = 0.00; Chi² = 1.07, df = 1 (P = 0.30); I² = 7%						
Test for overall effect: Z = 4.65 (P < 0.00001)						
Test for subgroup differences: Not applicable						



Benzodiazepines- Neonatal and obstetric complications- miscarriage- cohort design

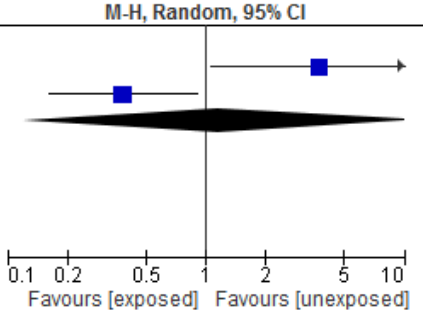
Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
4.13.1 Benzodiazepines vs unexposed						
LAEGREID1992	3	17	3	29	6.3%	1.86 [0.33, 10.45]
ORNOY1998	40	460	22	424	64.8%	1.74 [1.02, 2.98]
PASTUSZAK1996	19	137	10	137	28.9%	2.04 [0.91, 4.58]
Subtotal (95% CI)		**614**		**590**	**100.0%**	**1.83 [1.19, 2.82]**
Total events	62		35			
Heterogeneity: Tau² = 0.00; Chi² = 0.11, df = 2 (P = 0.95); I² = 0%						
Test for overall effect: Z = 2.74 (P = 0.006)						
Test for subgroup differences: Not applicable						



Benzodiazepines- Neonatal and obstetric complications- instrumental delivery- cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
4.17.1 Benzodiazepines vs unexposed						
LAEGREID1992	10	17	8	29	47.9%	3.75 [1.06, 13.26]
PASTUSZAK1996	11	55	21	53	52.1%	0.38 [0.16, 0.90]
Subtotal (95% CI)		**72**		**82**	**100.0%**	**1.14 [0.12, 10.69]**
Total events	21		29			

Heterogeneity: Tau² = 2.31; Chi² = 8.60, df = 1 (P = 0.003); I² = 88%
Test for overall effect: Z = 0.11 (P = 0.91)

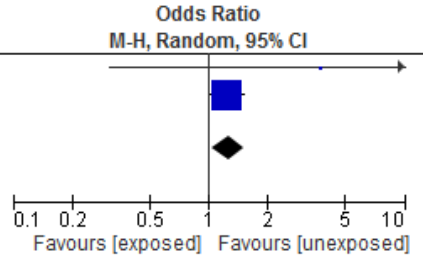


Test for subgroup differences: Not applicable

Benzodiazepines- Neonatal and obstetric complications- respiratory disorder- cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
LAEGREID1992	2	17	1	29	0.6%	3.73 [0.31, 44.63]
WIKNER2007	108	1979	38638	873879	99.4%	1.25 [1.03, 1.52]
Total (95% CI)		**1996**		**873908**	**100.0%**	**1.26 [1.04, 1.52]**
Total events	110		38639			

Heterogeneity: Tau² = 0.00; Chi² = 0.75, df = 1 (P = 0.39); I² = 0%
Test for overall effect: Z = 2.31 (P = 0.02)

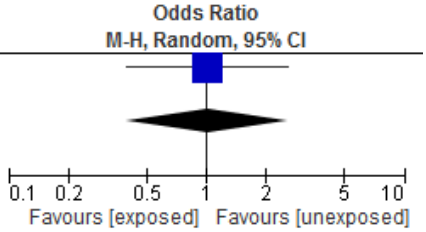


1.10.11 Stimulants (methylphenidate): Teratogenic harms

Methylphenidate- Teratogenic harms- Major congenital malformations- cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Random, 95% CI
POTTEGARD2014	5	125	53	1346	100.0%	1.02 [0.40, 2.59]
Total (95% CI)		**125**		**1346**	**100.0%**	**1.02 [0.40, 2.59]**
Total events	5		53			

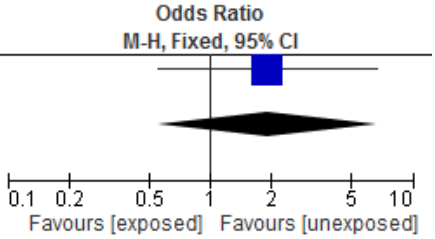
Heterogeneity: Not applicable
Test for overall effect: Z = 0.03 (P = 0.97)



Methylphenidate- Teratogenic harms- Cardiac malformations- cohort design

Study or Subgroup	Exposed Events	Exposed Total	Unexposed Events	Unexposed Total	Weight	Odds Ratio M-H, Fixed, 95% CI
POTTEGARD2014	3	125	17	1346	100.0%	1.92 [0.56, 6.65]
Total (95% CI)		**125**		**1346**	**100.0%**	**1.92 [0.56, 6.65]**
Total events	3		17			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.03 (P = 0.30)



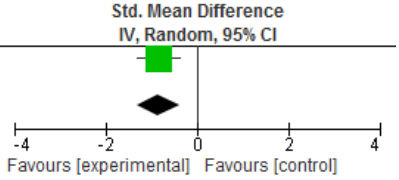
1.11 PHYSICAL INTERVENTIONS: PREVENTION

1.11.1 Depression: Physical activity verses treatment as usual

Depression scores- Post-treatment- mean score at endpoint or first measurement- Available case analysis (no risk factors)

Study or Subgroup	Physical exercise Mean	SD	Total	Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
ROBLEDO-COLONIA2012	10	6	37	16	8	37	100.0%	-0.84 [-1.32, -0.36]
Total (95% CI)			**37**			**37**	**100.0%**	**-0.84 [-1.32, -0.36]**

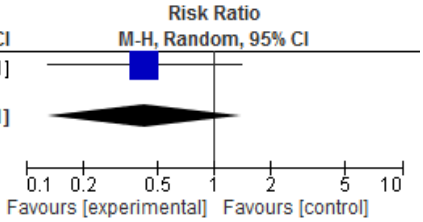
Heterogeneity: Not applicable
Test for overall effect: Z = 3.45 (P = 0.0006)



Depression symptomology- Post-treatment- number at short term follow-up- Available case analysis (no risk factors)

Study or Subgroup	Physical exercise Events	Total	Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
SONGOYGARD2011	4	397	8	340	100.0%	0.43 [0.13, 1.41]
Total (95% CI)		**397**		**340**	**100.0%**	**0.43 [0.13, 1.41]**
Total events	4		8			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.40 (P = 0.16)

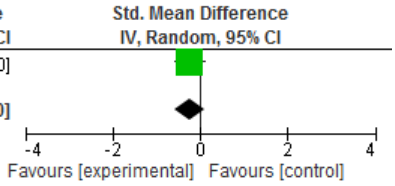


1.11.2 Depression: Physical activity combined with psychoeducation verses psychoeducation alone

Depression symptomology- Post-treatment- number at short term follow-up- ITT analysis (no risk factors)

Study or Subgroup	Physical exercise + PE Mean	SD	Total	PE Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
NORMAN2010	5.47	5.11	62	6.75	5.51	73	100.0%	-0.24 [-0.58, 0.10]
Total (95% CI)			**62**			**73**	**100.0%**	**-0.24 [-0.58, 0.10]**

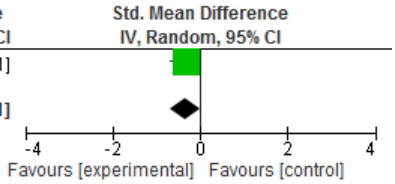
Heterogeneity: Not applicable
Test for overall effect: Z = 1.38 (P = 0.17)



Depression symptomology- Post-treatment- number at short term follow-up- ITT analysis (no risk factors)

Study or Subgroup	Physical exercise + PE Mean	SD	Total	PE Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
NORMAN2010	4.73	5.27	62	6.54	5.61	73	100.0%	-0.33 [-0.67, 0.01]
Total (95% CI)			**62**			**73**	**100.0%**	**-0.33 [-0.67, 0.01]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.90 (P = 0.06)

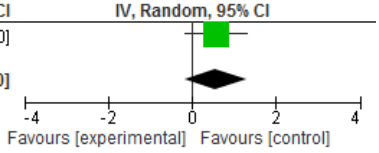


1.11.3 Acupuncture versus placebo

Anxiety mean scores- Post-treatment- Available case analysis (idetified risk factors)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HADDAD-RODRIGUES2013	41.87	8.85	14	37.71	5.33	15	100.0%	0.56 [-0.19, 1.30]
Total (95% CI)			**14**			**15**	**100.0%**	**0.56 [-0.19, 1.30]**

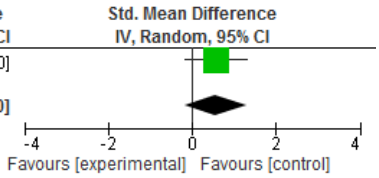
Heterogeneity: Not applicable
Test for overall effect: Z = 1.47 (P = 0.14)



Anxiety mean cortisol level- Post-treatment- Available case analysis (identified risk factors)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
HADDAD-RODRIGUES2013	41.87	8.85	14	37.71	5.33	15	100.0%	0.56 [-0.19, 1.30]
Total (95% CI)			**14**			**15**	**100.0%**	**0.56 [-0.19, 1.30]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.47 (P = 0.14)

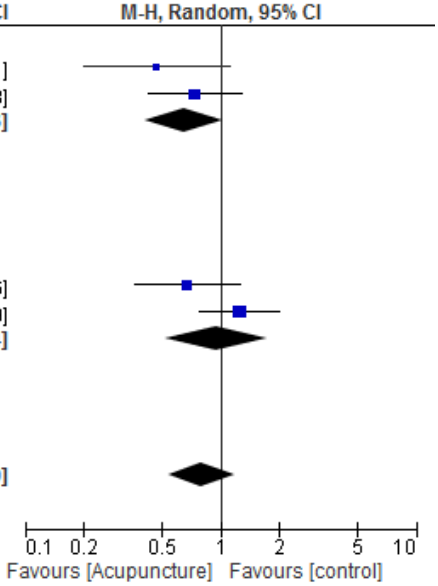


1.12 PHYSICAL INTERVENTIONS: TREATMENT

1.12.1 Response: Acupuncture versus massage

Non-response to treatment- Post-treatment- number at short term follow-up- (treatment)

Study or Subgroup	Acupuncture Events	Acupuncture Total	Massage Events	Massage Total	Weight	Risk Ratio M-H, Random, 95% CI
3.2.1 depression spec						
MANBER2004(A)	5	16	6	9	15.6%	0.47 [0.20, 1.11]
MANBER2010(A)	17	46	12	24	27.7%	0.74 [0.43, 1.28]
Subtotal (95% CI)		**62**		**33**	**43.3%**	**0.65 [0.41, 1.03]**
Total events	22		18			
Heterogeneity: Tau² = 0.00; Chi² = 0.76, df = 1 (P = 0.38); I² = 0%						
Test for overall effect: Z = 1.84 (P = 0.07)						
3.2.2 non-depression spec						
MANBER2004(A)	9	19	7	10	24.0%	0.68 [0.36, 1.26]
MANBER2010(A)	25	40	12	24	32.6%	1.25 [0.78, 1.99]
Subtotal (95% CI)		**59**		**34**	**56.7%**	**0.95 [0.52, 1.74]**
Total events	34		19			
Heterogeneity: Tau² = 0.11; Chi² = 2.41, df = 1 (P = 0.12); I² = 58%						
Test for overall effect: Z = 0.16 (P = 0.88)						
Total (95% CI)		**121**		**67**	**100.0%**	**0.80 [0.54, 1.19]**
Total events	56		37			
Heterogeneity: Tau² = 0.07; Chi² = 5.22, df = 3 (P = 0.16); I² = 43%						
Test for overall effect: Z = 1.10 (P = 0.27)						
Test for subgroup differences: Chi² = 1.00, df = 1 (P = 0.32), I² = 0%						

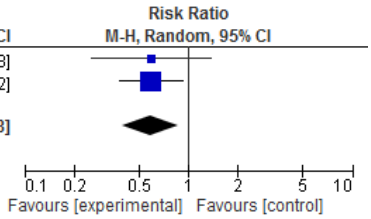


1.12.2 Response: Depression specific acupuncture versus non-specific acupuncture

Non-response to treatment- Post-treatment- at endpoint or first measurement - (treatment)

Study or Subgroup	Acupuncture(dep spec) Events	Total	Acupuncture(non-dep spec) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
MANBER2004(A)	5	16	10	19	22.0%	0.59 [0.26, 1.38]
MANBER2010(A)	17	46	25	40	78.0%	0.59 [0.38, 0.92]
Total (95% CI)		**62**		**59**	**100.0%**	**0.59 [0.40, 0.88]**
Total events	22		35			

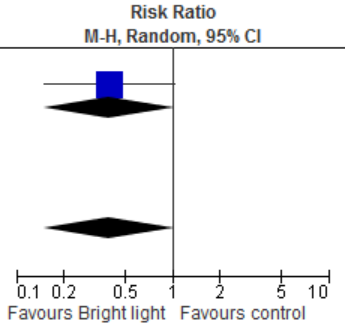
Heterogeneity: Tau² = 0.00; Chi² = 0.00, df = 1 (P = 0.99); I² = 0%
Test for overall effect: Z = 2.60 (P = 0.009)



1.12.3 Response: Bright light therapy versus placebo

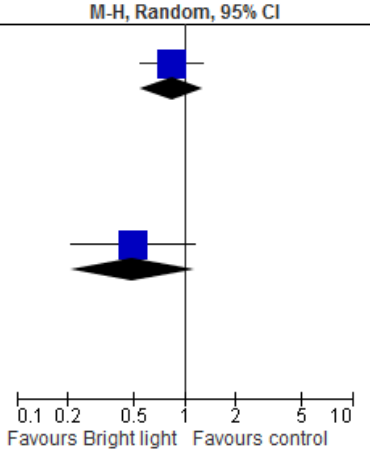
Non-response - Post-treatment- at endpoint or first measurement - (treatment)

Study or Subgroup	Bright light Events	Total	Dim light (placebo) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
7.2.1 Non-response(SIGH-Atypical depression supplement <50% improvement) - available case analysis						
WIRZ-JUSTICE2011	4	16	7	11	100.0%	0.39 [0.15, 1.03]
Subtotal (95% CI)		**16**		**11**	**100.0%**	**0.39 [0.15, 1.03]**
Total events	4		7			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.91 (P = 0.06)						
Total (95% CI)		**16**		**11**	**100.0%**	**0.39 [0.15, 1.03]**
Total events	4		7			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.91 (P = 0.06)						
Test for subgroup differences: Not applicable						



Non-remission - Post-treatment- at endpoint or first measurement - (treatment)

Study or Subgroup	Bright light Events	Total	Dim light (placebo) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
7.3.1 Non-remission (SIGH-ADS <50% improvement to final score >8) - available case analysis						
WIRZ-JUSTICE2011	11	16	9	11	100.0%	0.84 [0.55, 1.29]
Subtotal (95% CI)		**16**		**11**	**100.0%**	**0.84 [0.55, 1.29]**
Total events	11		9			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.79 (P = 0.43)						
7.3.3 Non-remission (HADRS <50% improvement to final score >8) - available case analysis						
WIRZ-JUSTICE2011	5	16	7	11	100.0%	0.49 [0.21, 1.15]
Subtotal (95% CI)		**16**		**11**	**100.0%**	**0.49 [0.21, 1.15]**
Total events	5		7			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.63 (P = 0.10)						

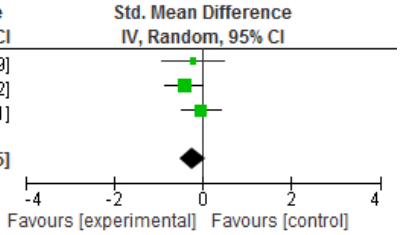


1.12.4 Depression: Physical activity versus treatment as usual

Depression symptoms – Mean depression scores Post-treatment- at endpoint or first measurement/Intermediate follow-up - (treatment)- Available case analysis

Study or Subgroup	Physical activity Mean	SD	Total	Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
DALEY2008(P)	13.1	5.2	16	14.3	5.4	15	16.3%	-0.22 [-0.93, 0.49]
DALEY2013(P)	12.51	5.46	43	14.67	4.86	42	44.0%	-0.41 [-0.84, 0.02]
FIELD2013A	23.5	9	37	23.9	11.4	38	39.7%	-0.04 [-0.49, 0.41]
Total (95% CI)			**96**			**95**	**100.0%**	**-0.23 [-0.52, 0.05]**

Heterogeneity: Tau² = 0.00; Chi² = 1.39, df = 2 (P = 0.50); I² = 0%
Test for overall effect: Z = 1.60 (P = 0.11)

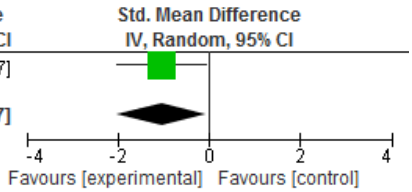


1.12.5 Depression: Physical activity versus mutual support

Depression symptoms – Mean depression scores Post-treatment- at endpoint or first measurement - (treatment)- Available case analysis

Study or Subgroup	Physical Activity Mean	SD	Total	Mutual Support Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
ARMSTRONG2004	10.22	3.19	9	15	5.19	10	100.0%	-1.05 [-2.02, -0.07]
Total (95% CI)			**9**			**10**	**100.0%**	**-1.05 [-2.02, -0.07]**

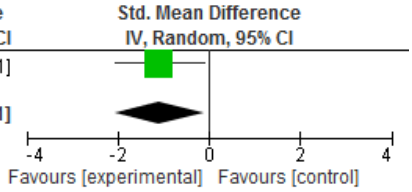
Heterogeneity: Not applicable
Test for overall effect: Z = 2.10 (P = 0.04)



Depression symptoms – Mean depression scores Post-treatment- short-term follow-up - (treatment) - Available case analysis

Study or Subgroup	Physical Activity Mean	SD	Total	Mutual Support Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
ARMSTRONG2004	6.33	3.67	9	13.33	7.66	10	100.0%	-1.09 [-2.07, -0.11]
Total (95% CI)			**9**			**10**	**100.0%**	**-1.09 [-2.07, -0.11]**

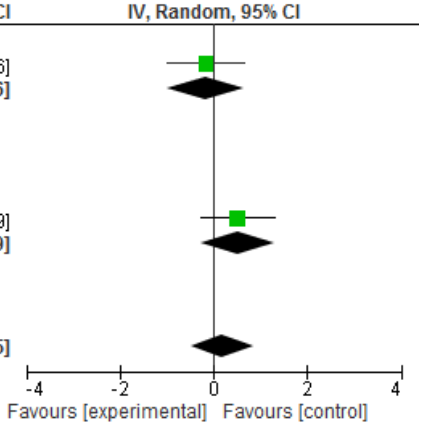
Heterogeneity: Not applicable
Test for overall effect: Z = 2.18 (P = 0.03)



1.12.6 Depression: Acupuncture versus massage

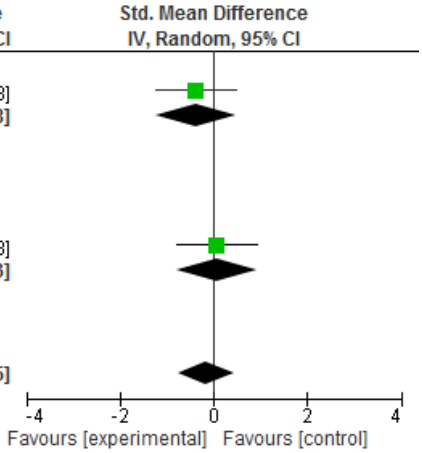
Depression symptoms – Mean depression scores Post-treatment- at endpoint or first measurement - (treatment) - Available case analysis

Study or Subgroup	Acupuncture Mean	Acupuncture SD	Acupuncture Total	Massage Mean	Massage SD	Massage Total	Weight	Std. Mean Difference IV, Random, 95% CI
3.1.1 depression specific acupuncture								
MANBER2004(A)	18.8	9.9	16	20.3	6.9	9	48.2%	-0.16 [-0.98, 0.66]
Subtotal (95% CI)			**16**			**9**	**48.2%**	**-0.16 [-0.98, 0.66]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.39 (P = 0.70)								
3.1.2 non-depression specific acupuncture								
MANBER2004(A)	24.8	9.2	19	20.3	6.9	10	51.8%	0.51 [-0.26, 1.29]
Subtotal (95% CI)			**19**			**10**	**51.8%**	**0.51 [-0.26, 1.29]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.29 (P = 0.20)								
Total (95% CI)			**35**			**19**	**100.0%**	**0.19 [-0.47, 0.85]**
Heterogeneity: Tau² = 0.06; Chi² = 1.38, df = 1 (P = 0.24); I² = 27%								
Test for overall effect: Z = 0.56 (P = 0.58)								
Test for subgroup differences: Chi² = 1.38, df = 1 (P = 0.24), I² = 27.3%								



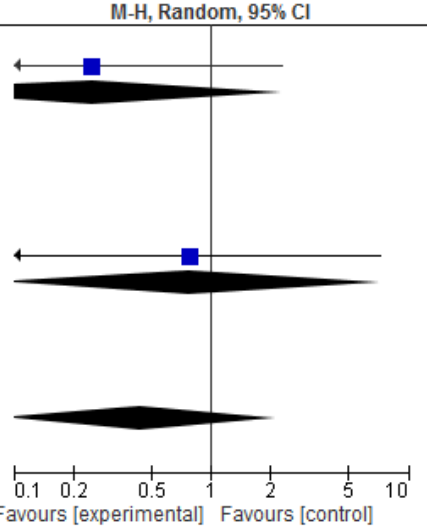
Depression symptoms – Mean depression scores Post-treatment- short-term follow-up - (treatment) - Available case analysis

Study or Subgroup	Acupuncture Mean	Acupuncture SD	Acupuncture Total	Massage Mean	Massage SD	Massage Total	Weight	Std. Mean Difference IV, Random, 95% CI
3.4.1 depression specific acupuncture								
MANBER2004(A)	15.6	10.1	15	19.5	9.2	8	50.0%	-0.38 [-1.25, 0.48]
Subtotal (95% CI)			**15**			**8**	**50.0%**	**-0.38 [-1.25, 0.48]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.87 (P = 0.39)								
3.4.2 non-depression specific acupuncture								
MANBER2004(A)	20.3	12.3	19	19.5	9.2	7	50.0%	0.07 [-0.80, 0.93]
Subtotal (95% CI)			**19**			**7**	**50.0%**	**0.07 [-0.80, 0.93]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.15 (P = 0.88)								
Total (95% CI)			**34**			**15**	**100.0%**	**-0.16 [-0.77, 0.45]**
Heterogeneity: Tau² = 0.00; Chi² = 0.52, df = 1 (P = 0.47); I² = 0%								
Test for overall effect: Z = 0.51 (P = 0.61)								
Test for subgroup differences: Chi² = 0.52, df = 1 (P = 0.47), I² = 0%								



Depression diagnosis – Above depression threshold- Post-treatment- short-term follow-up - (treatment) - Available case analysis

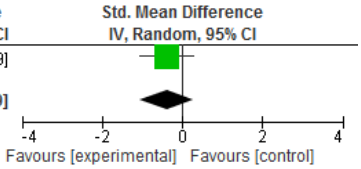
Study or Subgroup	Acupuncture Events	Acupuncture Total	Massage Events	Massage Total	Weight	Risk Ratio M-H, Random, 95% CI
3.5.1 depression specific acupuncture						
MANBER2004(A)	1	14	2	7	50.3%	0.25 [0.03, 2.31]
Subtotal (95% CI)		**14**		**7**	**50.3%**	**0.25 [0.03, 2.31]**
Total events	1		2			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.22 (P = 0.22)						
3.5.2 non-depression specific acupuncture						
MANBER2004(A)	2	18	1	7	49.7%	0.78 [0.08, 7.28]
Subtotal (95% CI)		**18**		**7**	**49.7%**	**0.78 [0.08, 7.28]**
Total events	2		1			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.22 (P = 0.83)						
Total (95% CI)		**32**		**14**	**100.0%**	**0.44 [0.09, 2.13]**
Total events	3		3			
Heterogeneity: Tau² = 0.00; Chi² = 0.50, df = 1 (P = 0.48); I² = 0%						
Test for overall effect: Z = 1.02 (P = 0.31)						
Test for subgroup differences: Chi² = 0.50, df = 1 (P = 0.48), I² = 0%						



1.12.7 Depression: Depression-specific acupuncture versus non-depression specific acupuncture

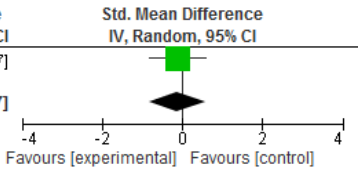
Depression symptoms – Mean depression scores Post-treatment- at endpoint or first measurement - (treatment)

Study or Subgroup	Acupuncture(dep spec) Mean	SD	Total	Acupuncture(non-dep spec) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
MANBER2004(A)	9.6	7.8	16	12.6	7.5	19	100.0%	-0.38 [-1.06, 0.29]
Total (95% CI)			**16**			**19**	**100.0%**	**-0.38 [-1.06, 0.29]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.12 (P = 0.26)								



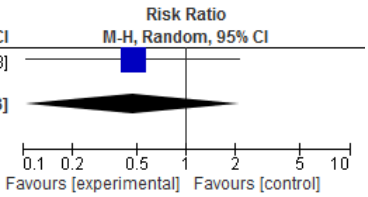
Depression symptoms – Mean depression scores Post-treatment- at short-term follow-up - (treatment)

Study or Subgroup	Acupuncture(dep spec) Mean	SD	Total	Acupuncture(non-dep spec) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
MANBER2004(A)	8.6	6.5	14	9.5	7.4	18	100.0%	-0.12 [-0.82, 0.57]
Total (95% CI)			**14**			**18**	**100.0%**	**-0.12 [-0.82, 0.57]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.35 (P = 0.73)								



Depression diagnosis – Above depression threshold- Post-treatment-at endpoint or first measurement - (treatment)

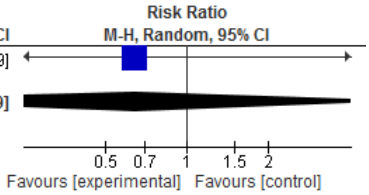
Study or Subgroup	Acupuncture(dep spec) Events	Total	Acupuncture(non-dep spec) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
MANBER2004(A)	2	16	5	19	100.0%	0.47 [0.11, 2.13]
Total (95% CI)		**16**		**19**	**100.0%**	**0.47 [0.11, 2.13]**
Total events	2		5			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.97 (P = 0.33)						



Depression diagnosis – Above depression threshold- Post-treatment- short-term follow-up - (treatment)

Study or Subgroup	Acupuncture(dep spec) Events	Total	Acupuncture(non-dep spec) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
MANBER2004(A)	1	14	2	18	100.0%	0.64 [0.06, 6.39]
Total (95% CI)		**14**		**18**	**100.0%**	**0.64 [0.06, 6.39]**
Total events	1		2			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.38 (P = 0.71)

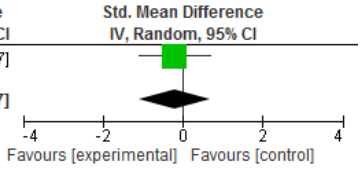


1.12.8 Depression: Electroacupuncture versus non-invasive sham acupuncture

Depression symptoms – Mean depression scores Post-treatment- at endpoint or first measurement - (treatment)

Study or Subgroup	electroacupuncture Mean	SD	Total	non-invasive sham acupuncture Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
CHUNG2012(P)	10.9	5.8	10	12.2	6.3	10	100.0%	-0.21 [-1.09, 0.67]
Total (95% CI)			**10**			**10**	**100.0%**	**-0.21 [-1.09, 0.67]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.46 (P = 0.65)

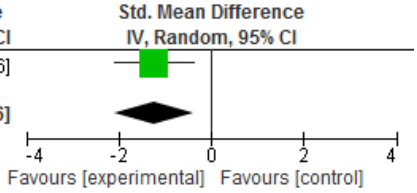


1.12.9 Depression: Massage combined with support versus support

Depression symptoms – Mean depression scores Post-treatment- at endpoint or first measurement - (treatment)

Study or Subgroup	Experimental Mean	SD	Total	Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
ONOZAWA2001	5	4.16	12	9.7	3.21	13	100.0%	-1.23 [-2.10, -0.36]
Total (95% CI)			**12**			**13**	**100.0%**	**-1.23 [-2.10, -0.36]**

Heterogeneity: Not applicable
Test for overall effect: Z = 2.78 (P = 0.005)

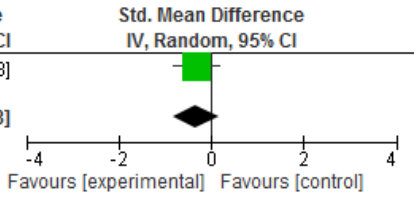


1.12.10 Depression: Massage versus support

Depression symptoms – Mean depression scores Post-treatment- at endpoint or first measurement - (treatment)

Study or Subgroup	Experimental Mean	SD	Total	Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
O'HIGGINS2008(P)	9.29	3.47	31	11	6.43	30	100.0%	-0.33 [-0.83, 0.18]
Total (95% CI)			**31**			**30**	**100.0%**	**-0.33 [-0.83, 0.18]**

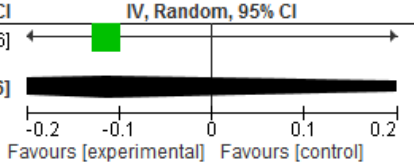
Heterogeneity: Not applicable
Test for overall effect: Z = 1.27 (P = 0.20)



Depression symptoms – Mean depression scores Post-treatment- at long-term follow-up - (treatment)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
O'HIGGINS2008(P)	9.15	5.43	26	9.82	6.25	22	100.0%	-0.11 [-0.68, 0.46]
Total (95% CI)			**26**			**22**	**100.0%**	**-0.11 [-0.68, 0.46]**

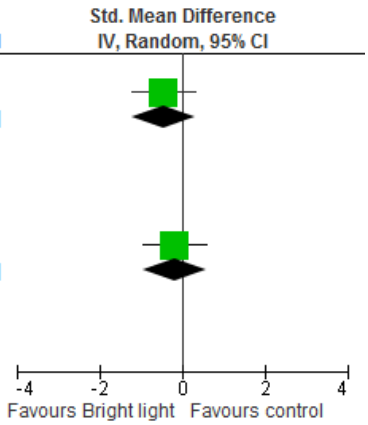
Heterogeneity: Not applicable
Test for overall effect: Z = 0.39 (P = 0.70)



1.12.11 Depression: Bright light therapy versus placebo

Depression symptoms – Mean depression scores Post-treatment- at endpoint or first measurement - (treatment)

Study or Subgroup	Bright light Mean	Bright light SD	Bright light Total	Dim light (placebo) Mean	Dim light (placebo) SD	Dim light (placebo) Total	Weight	Std. Mean Difference IV, Random, 95% CI
7.1.1 SIGH-ADS-29 (atypical depression supplement) score								
WIRZ-JUSTICE2011	12.3	6.7	16	15.6	7.7	11	100.0%	-0.45 [-1.23, 0.33]
Subtotal (95% CI)			**16**			**11**	**100.0%**	**-0.45 [-1.23, 0.33]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.13 (P = 0.26)								
7.1.2 HDRS-17 score								
WIRZ-JUSTICE2011	9.6	5.8	16	10.6	6	11	100.0%	-0.16 [-0.93, 0.60]
Subtotal (95% CI)			**16**			**11**	**100.0%**	**-0.16 [-0.93, 0.60]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.42 (P = 0.67)								

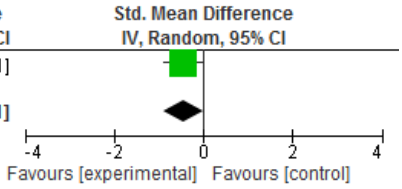


1.12.12 Anxiety: Physical activity versus treatment as usual

Anxiety symptoms – Mean anxiety scores Post-treatment- at endpoint or first measurement –Available case analysis (treatment)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
FIELD2013A	53.5	19.5	37	62.1	18.4	38	100.0%	-0.45 [-0.91, 0.01]
Total (95% CI)			**37**			**38**	**100.0%**	**-0.45 [-0.91, 0.01]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.92 (P = 0.05)

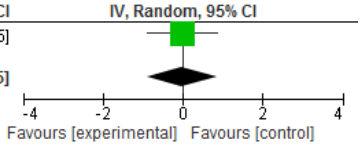


1.12.13 Anxiety: Electroacupuncture versus non-invasive sham acupuncture

Anxiety symptoms – Mean anxiety scores Post-treatment- at endpoint or first measurement - (treatment)

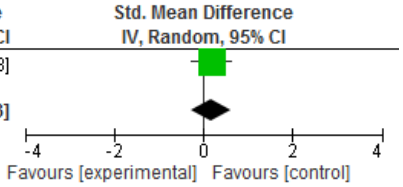
Study or Subgroup	electroacupuncture Mean	electroacupuncture SD	electroacupuncture Total	non-invasive sham acupuncture Mean	non-invasive sham acupuncture SD	non-invasive sham acupuncture Total	Weight	Std. Mean Difference IV, Random, 95% CI
CHUNG2012(P)	8.6	3.7	10	8.7	4.2	10	100.0%	-0.02 [-0.90, 0.85]
Total (95% CI)			**10**			**10**	**100.0%**	**-0.02 [-0.90, 0.85]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.05 (P = 0.96)



1.12.14 General mental health outcomes: Physical activity versus treatment as usual

Sleep disturbance symptoms- Mean scores- Post-treatment- Available case analysis(treatment)

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
FIELD2013A	46.1	7.9	37	44.3	11.4	38	100.0%	0.18 [-0.27, 0.63]
Total (95% CI)			**37**			**38**	**100.0%**	**0.18 [-0.27, 0.63]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.78 (P = 0.43)