Appendix 16 Clinical evidence forest plots

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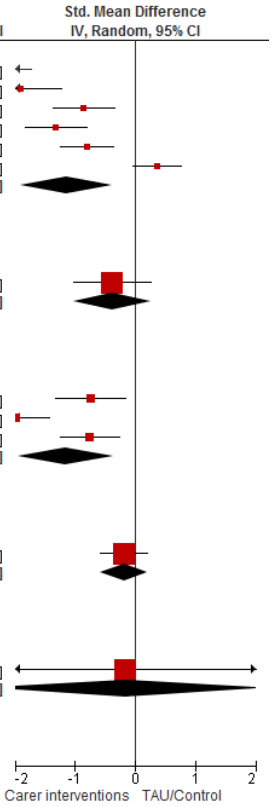
1. CARER EXPERIENCE OF THE INTERVENTION AND MANAGEMENT OF SCHIZOPHRENIA

1.1 ALL INTERVENTIONS COMPARED WITH TAU/CONTROL

Experience of caregiving - end of intervention

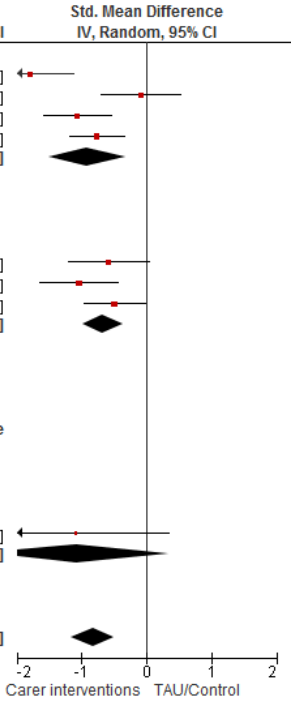
Study or Subgroup	Std. Mean Difference	SE	Carer interventions Total	TAU/Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.1.1 Psychoeducation for schizophrenia/psychosis						
GUTIERREZ-MALDONADO2007	-2.58	0.43367347	18	23	15.0%	-2.58 [-3.43, -1.73]
KOOLAEE2009	-1.91	0.34438776	37	18	16.1%	-1.91 [-2.58, -1.24]
SHARIF2012	-0.86	0.26020408	33	32	17.0%	-0.86 [-1.37, -0.35]
CHENG2005	-1.32	0.26	32	32	17.0%	-1.32 [-1.83, -0.81]
CHIEN2007	-0.8	0.227	42	42	17.3%	-0.80 [-1.24, -0.36]
SZMUKLER1996	0.36	0.20918367	25	22	17.5%	0.36 [-0.05, 0.77]
Subtotal (95% CI)			**187**	**169**	**100.0%**	**-1.14 [-1.91, -0.38]**
Heterogeneity: Tau² = 0.83; Chi² = 62.03, df = 5 (P < 0.00001); I² = 92%						
Test for overall effect: Z = 2.92 (P = 0.003)						
1.1.2 Psychoeducation for bipolar disorder						
REINARES2004	-0.38	0.32908163	29	14	100.0%	-0.38 [-1.02, 0.26]
Subtotal (95% CI)			**29**	**14**	**100.0%**	**-0.38 [-1.02, 0.26]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.15 (P = 0.25)						
1.1.3 Support groups for schizophrenia/psychosis						
CHIEN2004A	-0.74	0.298	24	24	32.5%	-0.74 [-1.32, -0.16]
CHIEN2008	-1.98	0.2806	38	38	33.2%	-1.98 [-2.53, -1.43]
CHOU2002	-0.76	0.25	35	35	34.3%	-0.76 [-1.25, -0.27]
Subtotal (95% CI)			**97**	**97**	**100.0%**	**-1.16 [-1.96, -0.36]**
Heterogeneity: Tau² = 0.42; Chi² = 13.07, df = 2 (P = 0.001); I² = 85%						
Test for overall effect: Z = 2.85 (P = 0.004)						
1.1.4 Supported self-management for mixed SMI						
LOBBAN2013	-0.19	0.19897959	41	45	100.0%	-0.19 [-0.58, 0.20]
Subtotal (95% CI)			**41**	**45**	**100.0%**	**-0.19 [-0.58, 0.20]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.95 (P = 0.34)						
1.1.5 Problem-solving bibliotherapy for schizophrenia/psychosis						
MCCANN2012	-0.17	1.16581633	56	58	100.0%	-0.17 [-2.45, 2.11]
Subtotal (95% CI)			**56**	**58**	**100.0%**	**-0.17 [-2.45, 2.11]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.15 (P = 0.88)						



Test for subgroup differences: Chi² = 7.94, df = 4 (P = 0.09), I² = 49.6%

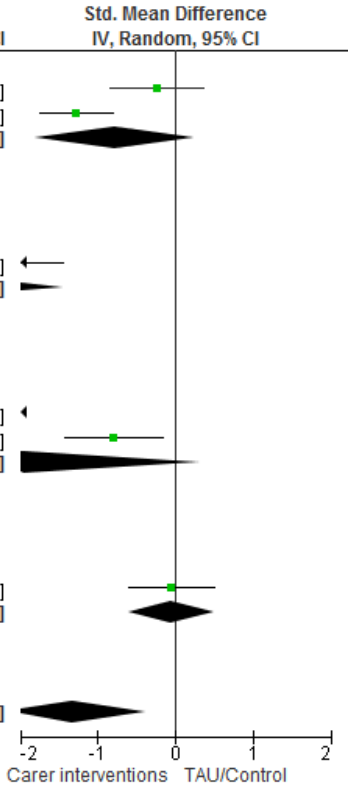
Experience of caregiving - up to 6 month follow-up.

Study or Subgroup	Std. Mean Difference	SE	Carer interventions Total	TAU/Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.2.2 Psychoeducation for schizophrenia/psychosis						
KOOLAEE2009	-1.79	0.33928571	37	18	11.7%	-1.79 [-2.45, -1.13]
CHIEN2004B	-0.09	0.311	33	15	12.7%	-0.09 [-0.70, 0.52]
SHARIF2012	-1.07	0.26530612	33	32	14.3%	-1.07 [-1.59, -0.55]
SZMUKLER1996	-0.77	0.21428571	25	22	16.3%	-0.77 [-1.19, -0.35]
Subtotal (95% CI)			**128**	**87**	**55.1%**	**-0.92 [-1.51, -0.32]**
Heterogeneity: Tau² = 0.29; Chi² = 14.42, df = 3 (P = 0.002); I² = 79%						
Test for overall effect: Z = 3.02 (P = 0.003)						
1.2.4 Support group for schizophrenia/psychosis						
CHIEN2004B	-0.59	0.318	32	16	12.4%	-0.59 [-1.21, 0.03]
CHIEN2004A	-1.04	0.308	24	24	12.8%	-1.04 [-1.64, -0.44]
CHOU2002	-0.5	0.24	35	35	15.3%	-0.50 [-0.97, -0.03]
Subtotal (95% CI)			**91**	**75**	**40.6%**	**-0.67 [-0.99, -0.35]**
Heterogeneity: Tau² = 0.00; Chi² = 2.01, df = 2 (P = 0.37); I² = 0%						
Test for overall effect: Z = 4.14 (P < 0.0001)						
1.2.6 Psychoeducation & support group for schizophrenia/psychosis						
Subtotal (95% CI)			**0**	**0**		**Not estimable**
Heterogeneity: Not applicable						
Test for overall effect: Not applicable						
1.2.9 Problem-solving bibliotherapy for schizophrenia/psychosis						
MCCANN2012	-1.09	0.73214286	56	58	4.3%	-1.09 [-2.52, 0.34]
Subtotal (95% CI)			**56**	**58**	**4.3%**	**-1.09 [-2.52, 0.34]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.49 (P = 0.14)						
Total (95% CI)			**275**	**220**	**100.0%**	**-0.83 [-1.16, -0.50]**
Heterogeneity: Tau² = 0.13; Chi² = 17.54, df = 7 (P = 0.01); I² = 60%						
Test for overall effect: Z = 4.88 (P < 0.00001)						
Test for subgroup differences: Chi² = 0.73, df = 2 (P = 0.69), I² = 0%						



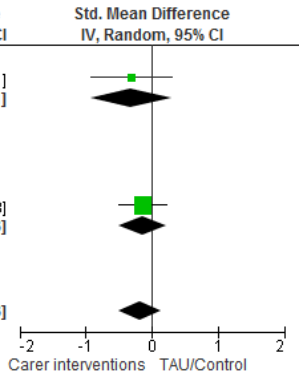
Experience of caregiving - > 6 month follow-up.

Study or Subgroup	Carer interventions Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.3.3 Psychoeducation for schizophrenia/psychosis								
CHIEN2004B	26.8	10.1	33	29.2	9.1	16	17.4%	-0.24 [-0.84, 0.36]
CHIEN2007	21.4	6	42	30.2	7.5	42	17.9%	-1.28 [-1.76, -0.81]
Subtotal (95% CI)			**75**			**58**	**35.4%**	**-0.78 [-1.80, 0.24]**
Heterogeneity: Tau² = 0.47; Chi² = 7.18, df = 1 (P = 0.007); I² = 86%								
Test for overall effect: Z = 1.50 (P = 0.13)								
1.3.4 Psychoeducation for bipolar disorder								
MADIGAN2012	13.6	4.9	13	30	6.4	5	12.7%	-2.94 [-4.44, -1.44]
Subtotal (95% CI)			**13**			**5**	**12.7%**	**-2.94 [-4.44, -1.44]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 3.85 (P = 0.0001)								
1.3.5 Support group for schizophrenia/psychosis								
CHIEN2008	15.9	3.1	38	25.5	3	38	17.1%	-3.12 [-3.79, -2.44]
CHIEN2004B	21.9	8.9	32	29.2	9.1	15	17.3%	-0.80 [-1.44, -0.16]
Subtotal (95% CI)			**70**			**53**	**34.4%**	**-1.95 [-4.22, 0.31]**
Heterogeneity: Tau² = 2.57; Chi² = 23.77, df = 1 (P < 0.00001); I² = 96%								
Test for overall effect: Z = 1.69 (P = 0.09)								
1.3.6 Psychoeducation & support group for schizophrenia/psychosis								
SZMUKLER2003	-74	36	26	-72	42	23	17.6%	-0.05 [-0.61, 0.51]
Subtotal (95% CI)			**26**			**23**	**17.6%**	**-0.05 [-0.61, 0.51]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.18 (P = 0.86)								
Total (95% CI)			**184**			**139**	**100.0%**	**-1.32 [-2.26, -0.39]**
Heterogeneity: Tau² = 1.21; Chi² = 62.35, df = 5 (P < 0.00001); I² = 92%								
Test for overall effect: Z = 2.78 (P = 0.005)								
Test for subgroup differences: Chi² = 14.48, df = 3 (P = 0.002), I² = 79.3%								



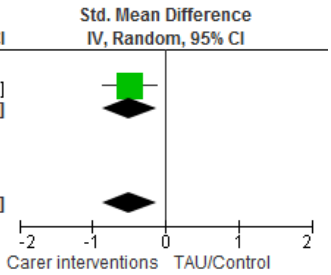
Quality of Life - end of intervention.

Study or Subgroup	Carer interventions Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.4.2 Psychoeducation for schizophrenia/psychosis								
GUTIERREZ-MALDONADO2007	-157.57	35.42966	23	-146.35	34.81148	18	26.0%	-0.31 [-0.93, 0.31]
Subtotal (95% CI)			**23**			**18**	**26.0%**	**-0.31 [-0.93, 0.31]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.99 (P = 0.32)								
1.4.3 Problem-solving bibliotherapy for schizophrenia/psychosis								
MCCANN2012	-80.9	14.37498	56	-78.9	14.62942	58	74.0%	-0.14 [-0.50, 0.23]
Subtotal (95% CI)			**56**			**58**	**74.0%**	**-0.14 [-0.50, 0.23]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.73 (P = 0.47)								
Total (95% CI)			**79**			**76**	**100.0%**	**-0.18 [-0.50, 0.13]**
Heterogeneity: Tau² = 0.00; Chi² = 0.23, df = 1 (P = 0.63); I² = 0%								
Test for overall effect: Z = 1.13 (P = 0.26)								
Test for subgroup differences: Chi² = 0.23, df = 1 (P = 0.63), I² = 0%								



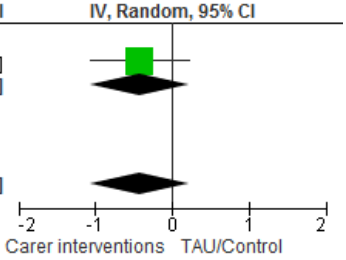
Quality of life - up to 6 month follow-up.

Study or Subgroup	Carer interventions Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.5.1 Problem-solving bibliotherapy for schizophrenia/psychosis								
MCCANN2012	-82.7	14.37498	56	-75.6	14.04279	58	100.0%	-0.50 [-0.87, -0.12]
Subtotal (95% CI)			**56**			**58**	**100.0%**	**-0.50 [-0.87, -0.12]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.61 (P = 0.009)								
Total (95% CI)			**56**			**58**	**100.0%**	**-0.50 [-0.87, -0.12]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.61 (P = 0.009)								
Test for subgroup differences: Not applicable								



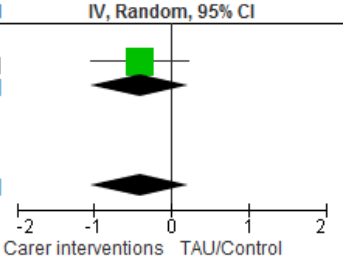
Satisfaction with services - end of intervention.

Study or Subgroup	Carer interventions Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.6.1 Psychoeducation for schizophrenia/psychosis								
POSNOR1992	-58.84	6.63	19	-55.85	7.29	20	100.0%	-0.42 [-1.06, 0.22]
Subtotal (95% CI)			**19**			**20**	**100.0%**	**-0.42 [-1.06, 0.22]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.29 (P = 0.20)								
Total (95% CI)			**19**			**20**	**100.0%**	**-0.42 [-1.06, 0.22]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.29 (P = 0.20)								
Test for subgroup differences: Not applicable								



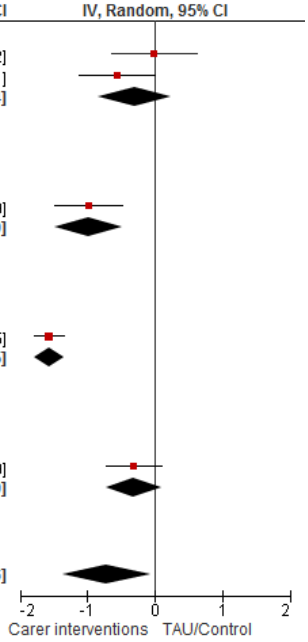
Satisfaction with services - up to 6 month follow-up.

Study or Subgroup	Carer interventions Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.7.1 Psychoeducation for schizophrenia/psychosis								
POSNOR1992	-57.47	5.94	19	-54.7	7.28	20	100.0%	-0.41 [-1.04, 0.23]
Subtotal (95% CI)			**19**			**20**	**100.0%**	**-0.41 [-1.04, 0.23]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.26 (P = 0.21)								
Total (95% CI)			**19**			**20**	**100.0%**	**-0.41 [-1.04, 0.23]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.26 (P = 0.21)								
Test for subgroup differences: Not applicable								



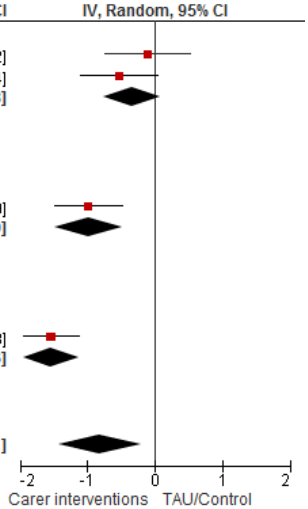
Psychological distress - end of intervention.

Study or Subgroup	Std. Mean Difference	SE	Carer interventions Total	TAU/Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.8.1 Psychoeducation for schizophrenia/psychosis						
POSNOR1992	-0.01	0.32	19	20	18.6%	-0.01 [-0.64, 0.62]
SZMUKLER1996	-0.56	0.29	25	22	19.1%	-0.56 [-1.13, 0.01]
Subtotal (95% CI)			**44**	**42**	**37.7%**	**-0.30 [-0.84, 0.24]**
Heterogeneity: Tau² = 0.06; Chi² = 1.62, df = 1 (P = 0.20); I² = 38%						
Test for overall effect: Z = 1.10 (P = 0.27)						
1.8.2 Support group for schizophrenia/psychosis						
CHOU2002	-0.988	0.253	35	35	19.8%	-0.99 [-1.48, -0.49]
Subtotal (95% CI)			**35**	**35**	**19.8%**	**-0.99 [-1.48, -0.49]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.91 (P < 0.0001)						
1.8.3 Problem-solving bibliotherapy for schizophrenia/psychosis						
MCCANN2012	-1.57	0.11	56	58	21.9%	-1.57 [-1.79, -1.35]
Subtotal (95% CI)			**56**	**58**	**21.9%**	**-1.57 [-1.79, -1.35]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 14.27 (P < 0.00001)						
1.8.4 Self-management for mixed SMI						
LOBBAN2013	-0.32	0.21	41	45	20.6%	-0.32 [-0.73, 0.09]
Subtotal (95% CI)			**41**	**45**	**20.6%**	**-0.32 [-0.73, 0.09]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.52 (P = 0.13)						
Total (95% CI)			**176**	**180**	**100.0%**	**-0.71 [-1.37, -0.06]**
Heterogeneity: Tau² = 0.49; Chi² = 47.28, df = 4 (P < 0.00001); I² = 92%						
Test for overall effect: Z = 2.15 (P = 0.03)						
Test for subgroup differences: Chi² = 40.13, df = 3 (P < 0.00001), I² = 92.5%						



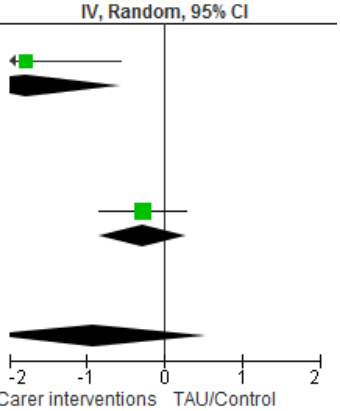
Psychological distress- up to 6 month follow-up.

Study or Subgroup	Std. Mean Difference	SE	Carer interventions Total	TAU/Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.9.1 Psychoeducation for schizophrenia/psychosis						
POSNOR1992	-0.11	0.32	19	20	23.2%	-0.11 [-0.74, 0.52]
SZMUKLER1996	-0.53	0.29	25	22	24.3%	-0.53 [-1.10, 0.04]
Subtotal (95% CI)			**44**	**42**	**47.5%**	**-0.34 [-0.76, 0.08]**
Heterogeneity: Tau² = 0.00; Chi² = 0.95, df = 1 (P = 0.33); I² = 0%						
Test for overall effect: Z = 1.59 (P = 0.11)						
1.9.2 Support group for schizophrenia/psychosis						
CHOU2002	-0.988	0.253	35	35	25.5%	-0.99 [-1.48, -0.49]
Subtotal (95% CI)			**35**	**35**	**25.5%**	**-0.99 [-1.48, -0.49]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.91 (P < 0.0001)						
1.9.3 Problem-solving bibliotherapy for schizophrenia/psychosis						
MCCANN2012	-1.54	0.21	53	58	26.9%	-1.54 [-1.95, -1.13]
Subtotal (95% CI)			**53**	**58**	**26.9%**	**-1.54 [-1.95, -1.13]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 7.33 (P < 0.00001)						
Total (95% CI)			**132**	**135**	**100.0%**	**-0.82 [-1.44, -0.21]**
Heterogeneity: Tau² = 0.32; Chi² = 16.89, df = 3 (P = 0.0007); I² = 82%						
Test for overall effect: Z = 2.62 (P = 0.009)						
Test for subgroup differences: Chi² = 15.95, df = 2 (P = 0.0003), I² = 87.5%						



Psychological distress - > 6 month follow-up.

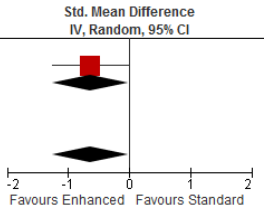
Study or Subgroup	Carer interventions Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.10.1 Psychoeducation for bipolar disorder								
MADIGAN2012	2.2	2	13	6	2.1	5	43.2%	-1.79 [-3.01, -0.56]
Subtotal (95% CI)			**13**			**5**	**43.2%**	**-1.79 [-3.01, -0.56]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.86 (P = 0.004)								
1.10.2 Psychoeducation & support group for schizophrenia/psychosis								
SZMUKLER2003	6.2	7.2	26	8.5	9.1	23	56.8%	-0.28 [-0.84, 0.29]
Subtotal (95% CI)			**26**			**23**	**56.8%**	**-0.28 [-0.84, 0.29]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.97 (P = 0.33)								
Total (95% CI)			**39**			**28**	**100.0%**	**-0.93 [-2.40, 0.53]**
Heterogeneity: Tau² = 0.90; Chi² = 4.81, df = 1 (P = 0.03); I² = 79%								
Test for overall effect: Z = 1.24 (P = 0.21)								
Test for subgroup differences: Chi² = 4.81, df = 1 (P = 0.03), I² = 79.2%								



1.2 ENHANCED PSYCHOEDUCATION COMPARED WITH STANDARD PSYCHOEDUCATION

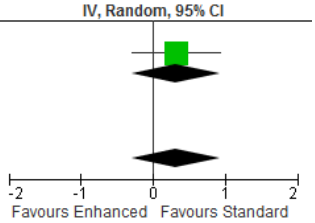
Experience of caregiving , end of intervention

Study or Subgroup	Std. Mean Difference	SE	Enhanced Psychoeducation Total	Standard Psychoeducation Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.1.2 Bipolar disorder						
PERLICK2010	-0.64	0.31377551	24	19	100.0%	-0.64 [-1.25, -0.03]
Subtotal (95% CI)			**24**	**19**	**100.0%**	**-0.64 [-1.25, -0.03]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.04 (P = 0.04)						
Total (95% CI)			**24**	**19**	**100.0%**	**-0.64 [-1.25, -0.03]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.04 (P = 0.04)						
Test for subgroup differences: Not applicable						



Carer mental health - end of intervention.

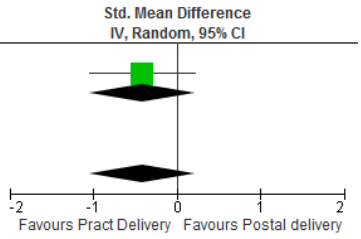
Study or Subgroup	Enhanced Psychoeducation Mean	SD	Total	Standard Psychoeducation Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.2.2 Bipolar disorder								
PERLICK2010	4.6	2.9	24	3.7	2.6	19	100.0%	0.32 [-0.29, 0.92]
Subtotal (95% CI)			**24**			**19**	**100.0%**	**0.32 [-0.29, 0.92]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.03 (P = 0.30)								
Total (95% CI)			**24**			**19**	**100.0%**	**0.32 [-0.29, 0.92]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.03 (P = 0.30)								
Test for subgroup differences: Not applicable								



1.3 STANDARD PSYCHOEDUCATION (PRACTITIONER COMPARED WITH POST DELIVERY)

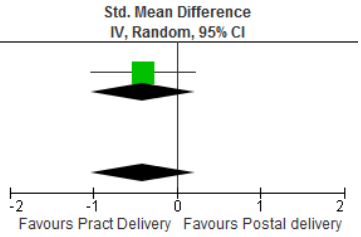
Family burden, end of intervention.

Study or Subgroup	Pract Standard Psychoedu Mean	SD	Total	Postal Standard Psychoedu Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
3.1.1 Schizophrenia/Psychosis								
SMITH1987	8.75	6.56	20	11.95	8.48	20	100.0%	-0.41 [-1.04, 0.21]
Subtotal (95% CI)			**20**			**20**	**100.0%**	**-0.41 [-1.04, 0.21]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.29 (P = 0.20)								
Total (95% CI)			**20**			**20**	**100.0%**	**-0.41 [-1.04, 0.21]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.29 (P = 0.20)								
Test for subgroup differences: Not applicable								



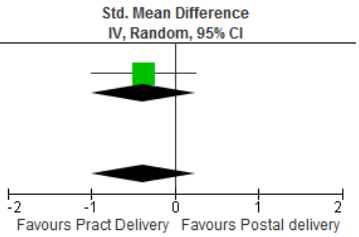
Family burden - up to 6 month follow-up.

Study or Subgroup	Pract Standard Psychoedu Mean	SD	Total	Postal Standard Psychoedu Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
3.2.1 Schizophrenia/Psychosis								
SMITH1987	6.6	6.21	20	9.7	8.55	20	100.0%	-0.41 [-1.03, 0.22]
Subtotal (95% CI)			**20**			**20**	**100.0%**	**-0.41 [-1.03, 0.22]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.27 (P = 0.20)								
Total (95% CI)			**20**			**20**	**100.0%**	**-0.41 [-1.03, 0.22]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.27 (P = 0.20)								
Test for subgroup differences: Not applicable								



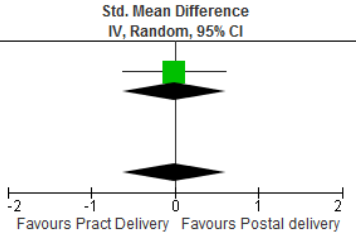
Psychological distress - end of intervention.

Study or Subgroup	Pract Standard Psychoedu Mean	SD	Total	Postal Standard Psychoedu Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
3.3.1 Schizophrenia/Psychosis								
SMITH1987	11.95	7.67	20	15.15	8.92	20	100.0%	-0.38 [-1.00, 0.25]
Subtotal (95% CI)			**20**			**20**	**100.0%**	**-0.38 [-1.00, 0.25]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.18 (P = 0.24)								
Total (95% CI)			**20**			**20**	**100.0%**	**-0.38 [-1.00, 0.25]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.18 (P = 0.24)								
Test for subgroup differences: Not applicable								



Psychological distress - up to 6 month follow-up.

Study or Subgroup	Pract Standard Psychoedu Mean	SD	Total	Postal Standard Psychoedu Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
3.4.1 Schizophrenia/Psychosis								
SMITH1987	15.35	10.6	20	15.4	9.19	20	100.0%	-0.00 [-0.62, 0.61]
Subtotal (95% CI)			**20**			**20**	**100.0%**	**-0.00 [-0.62, 0.61]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.02 (P = 0.99)								
Total (95% CI)			**20**			**20**	**100.0%**	**-0.00 [-0.62, 0.61]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.02 (P = 0.99)								
Test for subgroup differences: Not applicable								



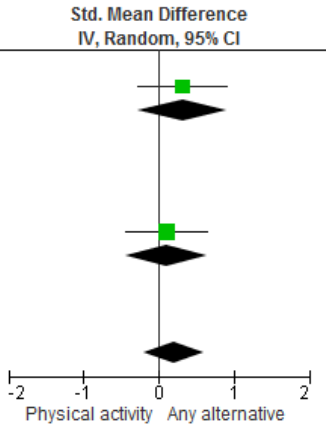
2. BEHAVIOURAL INTERVENTIONS TO PROMOTE PHYSICAL ACTIVITY & HEALTHY EATING

2.1 BEHAVIOURAL INTERVENTIONS TO PROMOTE PHYSICAL ACTIVITY

2.1.1 Physical activity compared with any alternative

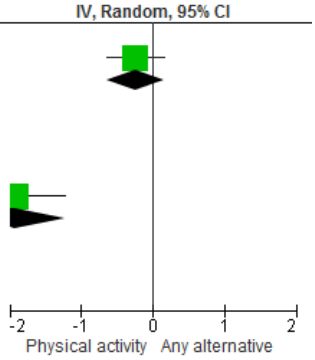
Physical health, weight - end of intervention.

Study or Subgroup	Physical activity Mean	SD	Total	Any alternative Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.1.1 Body weight								
CHAO2010	195.196	60.68877	35	176.4	53.9	16	44.7%	0.32 [-0.28, 0.91]
Subtotal (95% CI)			**35**			**16**	**44.7%**	**0.32 [-0.28, 0.91]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.04 (P = 0.30)								
1.1.2 BMI								
SCHEEWE2013	-26.6	5.8	29	-27.2	6.2	25	55.3%	0.10 [-0.44, 0.63]
Subtotal (95% CI)			**29**			**25**	**55.3%**	**0.10 [-0.44, 0.63]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.36 (P = 0.72)								
Total (95% CI)			**64**			**41**	**100.0%**	**0.20 [-0.20, 0.59]**
Heterogeneity: Tau² = 0.00; Chi² = 0.28, df = 1 (P = 0.60); I² = 0%								
Test for overall effect: Z = 0.96 (P = 0.34)								
Test for subgroup differences: Chi² = 0.28, df = 1 (P = 0.60), I² = 0%								



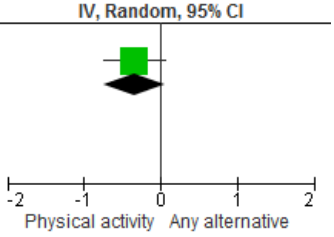
Physical health, exercise - end of intervention.

Study or Subgroup	Physical activity Mean	SD	Total	Any alternative Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.2.1 Minutes walked								
BEEBE2010	-76.67	62.6	48	-61.88	58.6	49	100.0%	-0.24 [-0.64, 0.16]
Subtotal (95% CI)			**48**			**49**	**100.0%**	**-0.24 [-0.64, 0.16]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.19 (P = 0.24)								
1.2.2 International Physical Activity Questionnaire: Short Form-Telephone Format (IPAQ-S7T)								
CHAO2010	-4,810.3243	4,613.1926	37	3,429	3,081	16	100.0%	-1.92 [-2.62, -1.22]
Subtotal (95% CI)			**37**			**16**	**100.0%**	**-1.92 [-2.62, -1.22]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 5.39 (P < 0.00001)								
Test for subgroup differences: Chi² = 16.75, df = 1 (P < 0.0001), I² = 94.0%								



Physical health, exercise - up to 6 month follow-up.

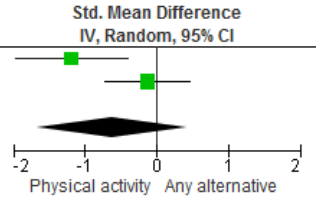
Study or Subgroup	Physical activity Mean	SD	Total	Any alternative Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.3.1 Minutes walked								
BEEBE2010	-116.89	117.3	48	-78.83	106.4	49	100.0%	-0.34 [-0.74, 0.06]
Subtotal (95% CI)			**48**			**49**	**100.0%**	**-0.34 [-0.74, 0.06]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.65 (P = 0.10)								
Test for subgroup differences: Not applicable								



Quality of Life - end of intervention

Study or Subgroup	Physical activity Mean	SD	Total	Any alternative Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
ACIL2008	-74.98	6.457112	15	-66.65	7.158149	15	46.9%	-1.19 [-1.97, -0.40]
CHAO2010	-87.23432	15.16247	37	-85.18	17.40029	16	53.1%	-0.13 [-0.71, 0.46]
Total (95% CI)			**52**			**31**	**100.0%**	**-0.62 [-1.66, 0.41]**

Heterogeneity: Tau² = 0.44; Chi² = 4.50, df = 1 (P = 0.03); I² = 78%
Test for overall effect: Z = 1.18 (P = 0.24)

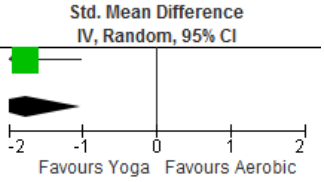


2.1.2 Yoga compared with aerobic exercise

Quality of Life - up to 6 month follow-up.

Study or Subgroup	Yoga Mean	SD	Total	Aerobic Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
DURAISWAMY2007	-267.36	33.42589	21	-201.6	39.542	20	100.0%	-1.77 [-2.50, -1.03]
Total (95% CI)			**21**			**20**	**100.0%**	**-1.77 [-2.50, -1.03]**

Heterogeneity: Not applicable
Test for overall effect: Z = 4.72 (P < 0.00001)

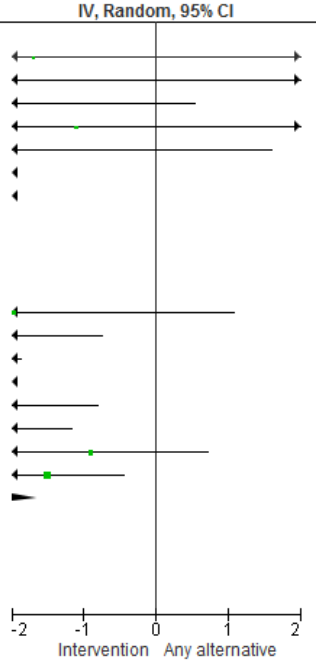


2.2 BEHAVIOURAL INTERVENTIONS TO PROMOTE PHYSICAL ACTIVITY AND HEALTHY EATING

2.2.1 Behavioural physical activity & healthy eating intervention compared with any alternative management strategy

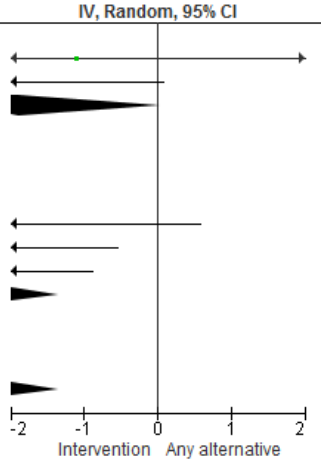
Physical health, weight - end of intervention.

Study or Subgroup	Intervention Mean	SD	Total	Any alternative Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
1.1.1 Final values								
MCKIBBIN2006	217.2	46.8	28	218.9	37.3	29	0.1%	-1.70 [-23.72, 20.32]
LITTRELL2003	179.66	33.67	35	187.8	42.75	35	0.2%	-8.14 [-26.17, 9.89]
BROWN2011	100	19.7	47	109.5	27.5	42	0.6%	-9.50 [-19.54, 0.54]
USHER2012	96.4	17.2	51	97.5	20.7	50	1.1%	-1.10 [-8.53, 6.33]
ATTUX2013	80.7	14.1	60	84.7	17.9	66	1.9%	-4.00 [-9.60, 1.60]
WU2008	60.85	2.4962664	32	64.55	2.4962664	32	14.5%	-3.70 [-4.92, -2.48]
Subtotal (95% CI)			**253**			**254**	**18.4%**	**-3.74 [-4.91, -2.57]**
Heterogeneity: Tau² = 0.00; Chi² = 2.02, df = 5 (P = 0.85); I² = 0%								
Test for overall effect: Z = 6.28 (P < 0.00001)								
1.1.2 Change scores								
SCOCCO2006	0.99	3.34	9	2.96	3.08	8	5.3%	-1.97 [-5.02, 1.08]
ALVAREZ2006	4.1	3.99	28	6.98	4.5	33	8.6%	-2.88 [-5.01, -0.75]
EVANS2005	2	3.6	23	6	2.6	11	8.6%	-4.00 [-6.13, -1.87]
WU2007	-4.2	4.4	28	1	3.4	25	8.7%	-5.20 [-7.31, -3.09]
KWON2006	-3.94	3.63	29	-1.48	1.88	14	11.4%	-2.46 [-4.11, -0.81]
MAURI2008	-2.7	2.9	21	0.1	2.67	24	11.5%	-2.80 [-4.44, -1.16]
BRAR2005	-2	3.79	34	-1.1	3.11	37	11.6%	-0.90 [-2.52, 0.72]
DAUMIT2013	-1.8	4.47193332	139	-0.3	4.50455973	141	15.9%	-1.50 [-2.55, -0.45]
Subtotal (95% CI)			**311**			**293**	**81.6%**	**-2.59 [-3.53, -1.64]**
Heterogeneity: Tau² = 0.97; Chi² = 15.54, df = 7 (P = 0.03); I² = 55%								
Test for overall effect: Z = 5.37 (P < 0.00001)								
Total (95% CI)			**564**			**547**	**100.0%**	**-2.80 [-3.60, -1.99]**
Heterogeneity: Tau² = 0.77; Chi² = 21.94, df = 13 (P = 0.06); I² = 41%								
Test for overall effect: Z = 6.81 (P < 0.00001)								
Test for subgroup differences: Chi² = 2.26, df = 1 (P = 0.13), I² = 55.7%								



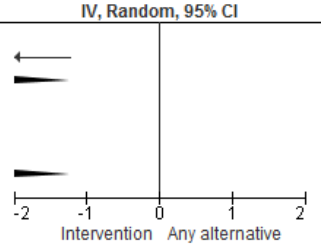
Physical health, weight- up to 6 month follow-up.

Study or Subgroup	Intervention Mean	Intervention SD	Intervention Total	Any alternative Mean	Any alternative SD	Any alternative Total	Weight	Mean Difference IV, Random, 95% CI
1.2.1 Final values								
MCKIBBIN2006	32.9	5.9	26	34	6.6	26	8.4%	-1.10 [-4.50, 2.30]
LITTRELL2003	26.27	3.76	35	28.54	6	35	17.6%	-2.27 [-4.62, 0.08]
Subtotal (95% CI)			**61**			**61**	**26.0%**	**-1.89 [-3.82, 0.04]**
Heterogeneity: Tau² = 0.00; Chi² = 0.31, df = 1 (P = 0.58); I² = 0%								
Test for overall effect: Z = 1.92 (P = 0.05)								
1.2.2 Change scores								
ALVAREZ2006	6.32	5.94	23	8.98	5.61	26	9.2%	-2.66 [-5.91, 0.59]
EVANS2005	0.8	1.8	11	3.2	2.2	8	28.1%	-2.40 [-4.26, -0.54]
DAUMIT2013	-3	5.67168684	126	-0.5	7.5791619	133	36.7%	-2.50 [-4.12, -0.88]
Subtotal (95% CI)			**160**			**167**	**74.0%**	**-2.48 [-3.63, -1.34]**
Heterogeneity: Tau² = 0.00; Chi² = 0.02, df = 2 (P = 0.99); I² = 0%								
Test for overall effect: Z = 4.25 (P < 0.0001)								
Total (95% CI)			**221**			**228**	**100.0%**	**-2.33 [-3.31, -1.34]**
Heterogeneity: Tau² = 0.00; Chi² = 0.59, df = 4 (P = 0.96); I² = 0%								
Test for overall effect: Z = 4.63 (P < 0.00001)								
Test for subgroup differences: Chi² = 0.26, df = 1 (P = 0.61), I² = 0%								



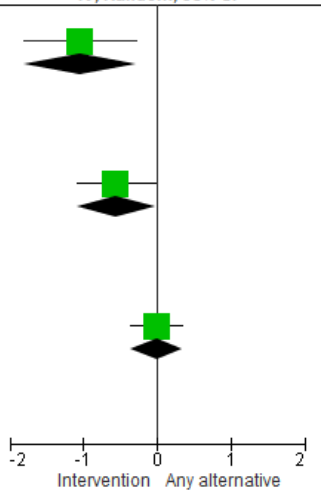
Physical health, weight- 7-12 month follow-up.

Study or Subgroup	Intervention Mean	Intervention SD	Intervention Total	Any alternative Mean	Any alternative SD	Any alternative Total	Weight	Mean Difference IV, Random, 95% CI
1.3.1 Change score								
DAUMIT2013	-3.4	7.16130106	119	-0.2	8.57610431	128	100.0%	-3.20 [-5.17, -1.23]
Subtotal (95% CI)			**119**			**128**	**100.0%**	**-3.20 [-5.17, -1.23]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 3.19 (P = 0.001)								
Total (95% CI)			**119**			**128**	**100.0%**	**-3.20 [-5.17, -1.23]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 3.19 (P = 0.001)								
Test for subgroup differences: Not applicable								



Physical health, exercise - end of intervention.

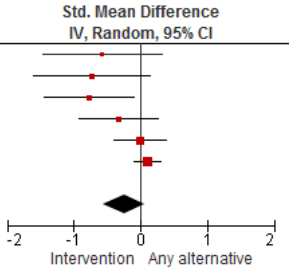
Study or Subgroup	Intervention Mean	Intervention SD	Intervention Total	Any alternative Mean	Any alternative SD	Any alternative Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.4.1 Clinical Global Impression (CGI): Activity Level								
EVANS2005	-2.8	0.6	23	-2	1	11	100.0%	-1.04 [-1.81, -0.28]
Subtotal (95% CI)			**23**			**11**	**100.0%**	**-1.04 [-1.81, -0.28]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.67 (P = 0.008)								
1.4.2 Accelerometry- total minutes of activity								
MCKIBBIN2006	-22.6	16.8	28	-13.6	15	29	100.0%	-0.56 [-1.09, -0.03]
Subtotal (95% CI)			**28**			**29**	**100.0%**	**-0.56 [-1.09, -0.03]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.06 (P = 0.04)								
1.4.3 International Physical Activity Questionnaire-short version (IPAQ-short)								
ATTUX2013	-3,116.6	4,234.1	60	-3,088.5	4,787.2	66	100.0%	-0.01 [-0.36, 0.34]
Subtotal (95% CI)			**60**			**66**	**100.0%**	**-0.01 [-0.36, 0.34]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.03 (P = 0.97)								



Quality of Life - end of intervention.

Study or Subgroup	Std. Mean Difference	SE	Intervention Total	Any alternative Total	Weight	Std. Mean Difference IV, Random, 95% CI
SKRINAR2005	-0.57665	0.45862112	9	11	8.9%	-0.58 [-1.48, 0.32]
EVANS2005	-0.73	0.4434	11	11	9.4%	-0.73 [-1.60, 0.14]
KWON2006	-0.77	0.3462	25	14	13.1%	-0.77 [-1.45, -0.09]
MAURI2008	-0.33	0.301	21	24	15.5%	-0.33 [-0.92, 0.26]
USHER2012	-0.01	0.199	51	50	22.5%	-0.01 [-0.40, 0.38]
ATTUX2013	0.1	0.1	60	66	30.5%	0.10 [-0.10, 0.30]
Total (95% CI)			**177**	**176**	**100.0%**	**-0.24 [-0.56, 0.07]**

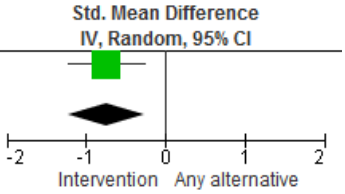
Heterogeneity: Tau² = 0.07; Chi² = 11.15, df = 5 (P = 0.05); I² = 55%
Test for overall effect: Z = 1.53 (P = 0.13)



Satisfaction - end of intervention.

Study or Subgroup	Intervention Mean	SD	Total	Any alternative Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
BRAR2005	-30.1	2.42	34	-27.8	3.52	37	100.0%	-0.75 [-1.23, -0.26]
Total (95% CI)			**34**			**37**	**100.0%**	**-0.75 [-1.23, -0.26]**

Heterogeneity: Not applicable
Test for overall effect: Z = 3.04 (P = 0.002)



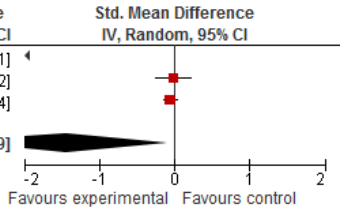
3. PEER PROVIDED INTERVENTIONS

3.1 Mutual support

Empowerment- Post-intervention.

Study or Subgroup	Std. Mean Difference	SE	Experimental Total	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
SEGAL2011	-4.43117308	0.31800376	86	53	31.9%	-4.43 [-5.05, -3.81]
KAPLAN2011	-0.01623459	0.12254065	200	100	33.9%	-0.02 [-0.26, 0.22]
ROGERS2007	-0.05644694	0.04680456	920	907	34.2%	-0.06 [-0.15, 0.04]
Total (95% CI)			**1206**	**1060**	**100.0%**	**-1.44 [-2.79, -0.09]**

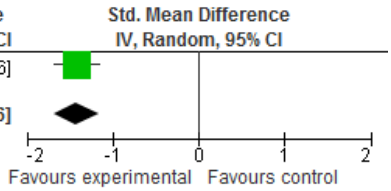
Heterogeneity: Tau² = 1.38; Chi² = 186.27, df = 2 (P < 0.00001); I² = 99%
Test for overall effect: Z = 2.09 (P = 0.04)



Quality of Life- Post-intervention.

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KAPLAN2011	-4.36	0.08	200	-4.23	0.11	100	100.0%	-1.42 [-1.69, -1.16]
Total (95% CI)			**200**			**100**	**100.0%**	**-1.42 [-1.69, -1.16]**

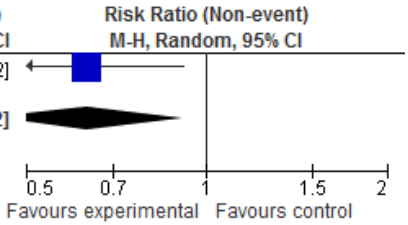
Heterogeneity: Not applicable
Test for overall effect: Z = 10.49 (P < 0.00001)



Service use, contact- Post-intervention.

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio (Non-event) M-H, Random, 95% CI
EDMUNDSON1982	21	40	10	40	100.0%	0.63 [0.44, 0.92]
Total (95% CI)		**40**		**40**	**100.0%**	**0.63 [0.44, 0.92]**
Total events	21		10			

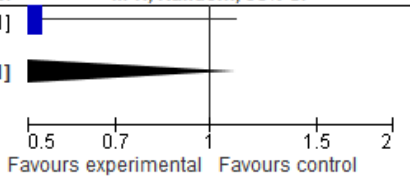
Heterogeneity: Not applicable
Test for overall effect: Z = 2.41 (P = 0.02)



Service use, hospitalisation- Post-intervention.

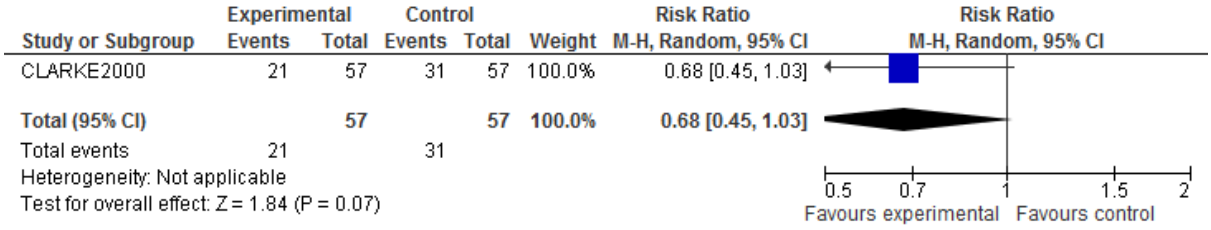
Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
EDMUNDSON1982	7	40	14	40	100.0%	0.50 [0.23, 1.11]
Total (95% CI)		**40**		**40**	**100.0%**	**0.50 [0.23, 1.11]**
Total events	7		14			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.71 (P = 0.09)

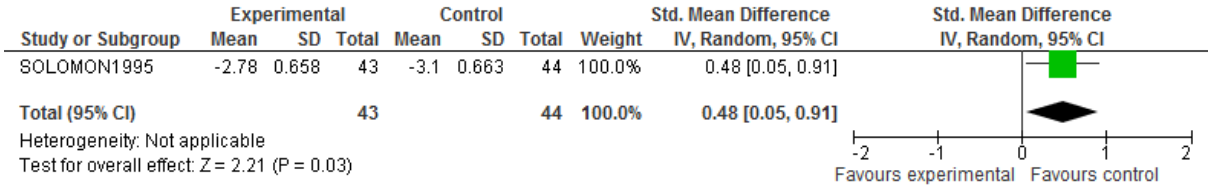


3.2 Peer mental health service providers

Service use, hospitalisation- Post-intervention.

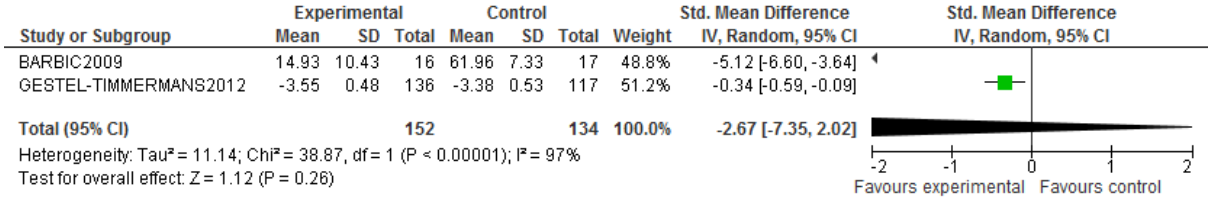


Satisfaction, questionnaire- Post-intervention.

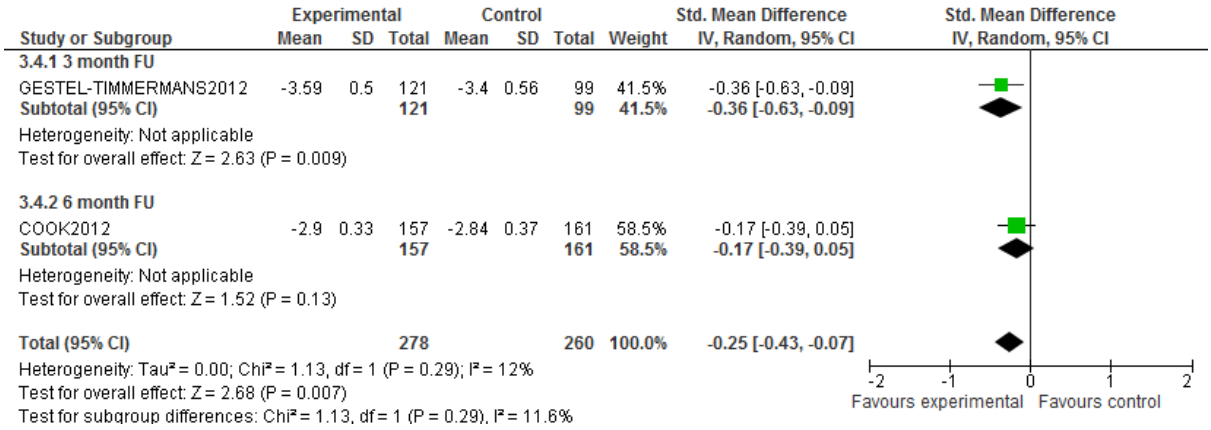


1.1.1 3.3 Peer support

Empowerment- post-intervention.



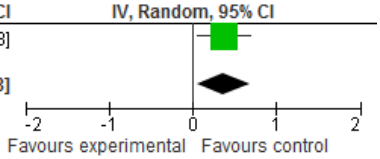
Empowerment- up to 6 month follow-up.



Functioning / Disability- post-intervention.

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
DAVIDSON2004	-47.98	11.61	95	-52.58	13.39	70	100.0%	0.37 [0.06, 0.68]
Total (95% CI)			**95**			**70**	**100.0%**	**0.37 [0.06, 0.68]**

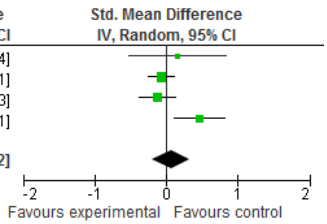
Heterogeneity: Not applicable
Test for overall effect: Z = 2.33 (P = 0.02)



Quality of life - post-intervention.

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
BARBIC2009	-21.6	3.35	16	-22.27	4.91	17	10.8%	0.15 [-0.53, 0.84]
COOK2011	-13.7	2.97	224	-13.5	2.79	234	35.1%	-0.07 [-0.25, 0.11]
GESTEL-TIMMERMANS2012	-4.49	0.96	124	-4.36	1.07	114	30.2%	-0.13 [-0.38, 0.13]
RIVERA2007	-32.20183	3.209361	64	-33.72427	3.333167	64	23.9%	0.46 [0.11, 0.81]
Total (95% CI)			**428**			**429**	**100.0%**	**0.06 [-0.20, 0.32]**

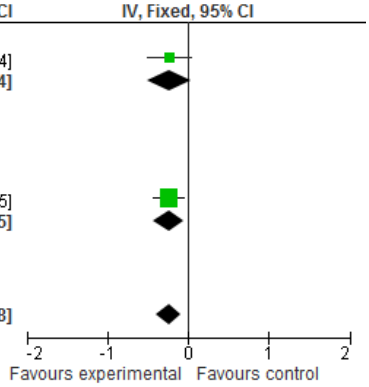
Heterogeneity: Tau² = 0.04; Chi² = 8.38, df = 3 (P = 0.04); I² = 64%
Test for overall effect: Z = 0.49 (P = 0.63)



Quality of life- up to 6 month follow-up.

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
3.7.1 3 month FU								
GESTEL-TIMMERMANS2012	-4.63	0.97	111	-4.39	1.05	97	32.5%	-0.24 [-0.51, 0.04]
Subtotal (95% CI)			**111**			**97**	**32.5%**	**-0.24 [-0.51, 0.04]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.70 (P = 0.09)								
3.7.2 6 month FU								
COOK2011	-14.1	2.83	212	-13.4	2.97	219	67.5%	-0.24 [-0.43, -0.05]
Subtotal (95% CI)			**212**			**219**	**67.5%**	**-0.24 [-0.43, -0.05]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.49 (P = 0.01)								
Total (95% CI)			**323**			**316**	**100.0%**	**-0.24 [-0.40, -0.08]**

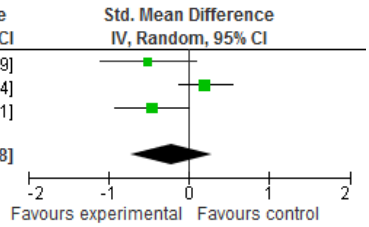
Heterogeneity: Chi² = 0.00, df = 1 (P = 0.98); I² = 0%
Test for overall effect: Z = 3.02 (P = 0.003)
Test for subgroup differences: Chi² = 0.00, df = 1 (P = 0.98), I² = 0%



Service use, contact- post-intervention.

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
CRAIG2004	22	34	24	56	89	21	28.1%	-0.51 [-1.11, 0.09]
RIVERA2007	4.7	5.481788	70	3.6	5.360037	66	38.6%	0.20 [-0.14, 0.54]
SLEDGE2011	10.08	17.31	38	19.08	21.63	36	33.4%	-0.46 [-0.92, 0.01]
Total (95% CI)			**132**			**123**	**100.0%**	**-0.22 [-0.72, 0.28]**

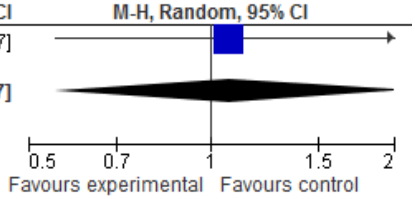
Heterogeneity: Tau² = 0.14; Chi² = 7.16, df = 2 (P = 0.03); I² = 72%
Test for overall effect: Z = 0.85 (P = 0.39)



Service use, hospitalisation- post-intervention.

Study or Subgroup	Experimental Events	Experimental Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
CRAIG2004	11	24	9	21	100.0%	1.07 [0.55, 2.07]
Total (95% CI)		**24**		**21**	**100.0%**	**1.07 [0.55, 2.07]**
Total events	11		9			

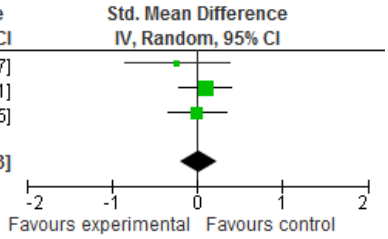
Heterogeneity: Not applicable
Test for overall effect: Z = 0.20 (P = 0.84)



Satisfaction, questionnaire- post-intervention.

Study or Subgroup	Experimental Mean	Experimental SD	Experimental Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
CRAIG2004	-86.8	11	22	-84.1	10.9	19	12.4%	-0.24 [-0.86, 0.37]
DAVIDSON2004	-37.85	6.56	95	-38.53	7.37	70	49.2%	0.10 [-0.21, 0.41]
RIVERA2007	-4.7	0.7	63	-4.7	0.6	63	38.5%	0.00 [-0.35, 0.35]
Total (95% CI)			**180**			**152**	**100.0%**	**0.02 [-0.20, 0.23]**

Heterogeneity: Tau² = 0.00; Chi² = 0.95, df = 2 (P = 0.62); I² = 0%
Test for overall effect: Z = 0.17 (P = 0.87)



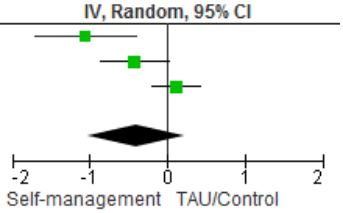
4. SELF MANAGEMENT

4.1 Self management compared with TAU/control

Psychosis, symptoms (total) - end of intervention.

Study or Subgroup	Self-Management Mean	Self-Management SD	Self-Management Total	TAU/Control Mean	TAU/Control SD	TAU/Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
FARDIG2011	37.25	10.32	21	50.9	14.67	20	28.2%	-1.06 [-1.72, -0.40]
LIBERMAN2009	51.9	14.7	39	58.2	14.8	45	34.4%	-0.42 [-0.86, 0.01]
PATTERSON2006	61.8	24.45	82	59.1	23.54	76	37.4%	0.11 [-0.20, 0.42]
Total (95% CI)			**142**			**141**	**100.0%**	**-0.40 [-1.02, 0.22]**

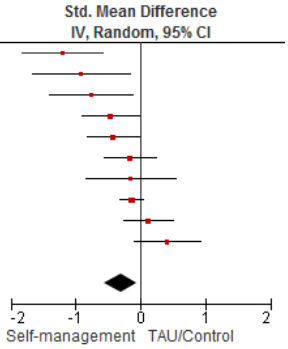
Heterogeneity: Tau² = 0.24; Chi² = 11.40, df = 2 (P = 0.003); I² = 82%
Test for overall effect: Z = 1.27 (P = 0.20)



Psychosis symptoms (positive)- end of intervention.

Study or Subgroup	Std. Mean Difference	SE	Self-Management Total	TAU/Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
KOPELOWICZ1998A	-1.2058412	0.32082103	22	24	8.0%	-1.21 [-1.83, -0.58]
ANZAI2002	-0.91	0.385	15	15	6.5%	-0.91 [-1.66, -0.16]
FARDIG2011	-0.76	0.32653	21	20	7.8%	-0.76 [-1.40, -0.12]
LIBERMAN2009	-0.46	0.22194	39	45	10.9%	-0.46 [-0.89, -0.03]
LEVITT2009	-0.43	0.20408	52	47	11.6%	-0.43 [-0.83, -0.03]
XIANG2006	-0.16	0.20408	48	48	11.6%	-0.16 [-0.56, 0.24]
PATTERSON2003	-0.15	0.35459	16	16	7.1%	-0.15 [-0.84, 0.54]
COOK2011	-0.14	0.09438	224	234	15.3%	-0.14 [-0.32, 0.04]
XIANG2007	0.12	0.19897	53	50	11.7%	0.12 [-0.27, 0.51]
VREELAND2006	0.41	0.26276	36	25	9.6%	0.41 [-0.11, 0.93]
Total (95% CI)			**526**	**524**	**100.0%**	**-0.31 [-0.56, -0.07]**

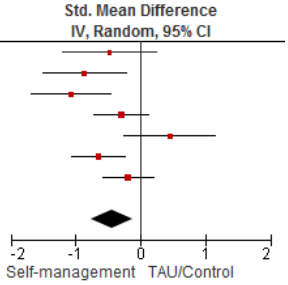
Heterogeneity: Tau² = 0.09; Chi² = 27.13, df = 9 (P = 0.001); I² = 67%
Test for overall effect: Z = 2.49 (P = 0.01)



Psychosis symptoms (negative)- end of intervention.

Study or Subgroup	Std. Mean Difference	SE	Self-Management Total	TAU/Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
ANZAI2002	-0.48	0.372	15	15	10.7%	-0.48 [-1.21, 0.25]
FARDIG2011	-0.86	0.32908	21	20	12.3%	-0.86 [-1.50, -0.22]
KOPELOWICZ1998A	-1.077244	0.31580825	22	24	12.8%	-1.08 [-1.70, -0.46]
LIBERMAN2009	-0.3	0.21938	39	45	17.1%	-0.30 [-0.73, 0.13]
PATTERSON2003	0.45	0.35969	16	16	11.2%	0.45 [-0.25, 1.15]
XIANG2006	-0.65	0.20918	48	48	17.6%	-0.65 [-1.06, -0.24]
XIANG2007	-0.19	0.19642	53	50	18.3%	-0.19 [-0.57, 0.19]
Total (95% CI)			**214**	**218**	**100.0%**	**-0.45 [-0.76, -0.13]**

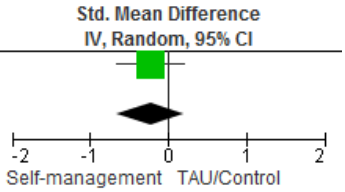
Heterogeneity: Tau² = 0.10; Chi² = 14.86, df = 6 (P = 0.02); I² = 60%
Test for overall effect: Z = 2.76 (P = 0.006)



Psychosis , symptoms (total)- up to 6 month follow-up.

Study or Subgroup	Self-Management Mean	Self-Management SD	Self-Management Total	TAU/Control Mean	TAU/Control SD	TAU/Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
LIBERMAN2009	54.3	12.8	39	57.6	15.7	45	100.0%	-0.23 [-0.66, 0.20]
Total (95% CI)			**39**			**45**	**100.0%**	**-0.23 [-0.66, 0.20]**

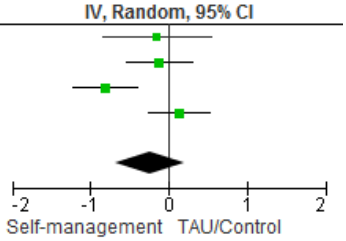
Heterogeneity: Not applicable
Test for overall effect: Z = 1.03 (P = 0.30)



Psychosis, symptoms (positive) - up to 6 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
PATTERSON2003	12.3	4.3	16	13.1	5.9	16	19.0%	-0.15 [-0.85, 0.54]
LIBERMAN2009	11.4	5.8	39	12.1	5.7	45	26.5%	-0.12 [-0.55, 0.31]
XIANG2006	8.9	2.4	48	11.6	4	48	26.8%	-0.81 [-1.23, -0.40]
XIANG2007	8.65	2.35	53	8.24	3.64	50	27.7%	0.13 [-0.25, 0.52]
Total (95% CI)			**156**			**159**	**100.0%**	**-0.24 [-0.69, 0.21]**

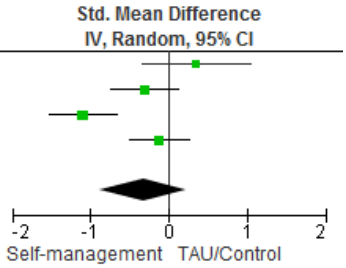
Heterogeneity: Tau² = 0.15; Chi² = 11.17, df = 3 (P = 0.01); I² = 73%
Test for overall effect: Z = 1.06 (P = 0.29)



Psychosis, symptoms (negative) - up to 6 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
PATTERSON2003	14.3	6	16	12.4	4.4	16	20.8%	0.35 [-0.35, 1.05]
LIBERMAN2009	16.8	5.6	39	18.8	6.9	45	26.1%	-0.31 [-0.74, 0.12]
XIANG2006	11.1	2.9	48	15.5	4.8	48	26.1%	-1.10 [-1.53, -0.67]
XIANG2007	11.31	3.13	53	11.78	4.41	50	27.0%	-0.12 [-0.51, 0.26]
Total (95% CI)			**156**			**159**	**100.0%**	**-0.33 [-0.88, 0.22]**

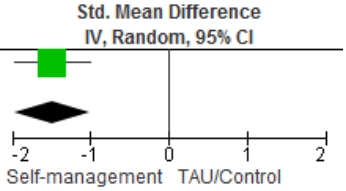
Heterogeneity: Tau² = 0.26; Chi² = 16.75, df = 3 (P = 0.0008); I² = 82%
Test for overall effect: Z = 1.17 (P = 0.24)



Psychosis, symptoms (total) - 7-12 month follow-up

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
LEVITT2009	1.86	1.91	44	8.75	6.2	44	100.0%	-1.49 [-1.96, -1.01]
Total (95% CI)			**44**			**44**	**100.0%**	**-1.49 [-1.96, -1.01]**

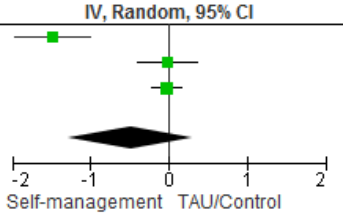
Heterogeneity: Not applicable
Test for overall effect: Z = 6.15 (P < 0.00001)



Psychosis, symptoms (positive) - 7-12 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
LEVITT2009	1.86	1.91	44	8.75	6.2	44	31.8%	-1.49 [-1.96, -1.01]
XIANG2007	8.76	2.68	53	8.83	4.58	50	33.0%	-0.02 [-0.41, 0.37]
COOK2011	12.2	14.86	220	12.65	15	228	35.2%	-0.03 [-0.22, 0.16]
Total (95% CI)			**317**			**322**	**100.0%**	**-0.49 [-1.28, 0.30]**

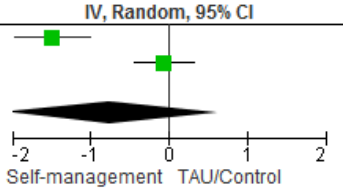
Heterogeneity: Tau² = 0.45; Chi² = 32.39, df = 2 (P < 0.00001); I² = 94%
Test for overall effect: Z = 1.22 (P = 0.22)



Psychosis, symptoms (negative) - 7-12 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
LEVITT2009	1.86	1.91	44	8.75	6.2	44	49.5%	-1.49 [-1.96, -1.01]
XIANG2007	11.97	2.91	53	12.19	3.98	50	50.5%	-0.06 [-0.45, 0.32]
Total (95% CI)			**97**			**94**	**100.0%**	**-0.77 [-2.17, 0.63]**

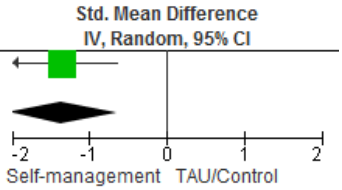
Heterogeneity: Tau² = 0.97; Chi² = 20.85, df = 1 (P < 0.00001); I² = 95%
Test for overall effect: Z = 1.08 (P = 0.28)



Psychosis, symptoms (total) >12 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
FARDIG2011	37.68	14.49	19	55.68	11.26	19	100.0%	-1.36 [-2.07, -0.65]
Total (95% CI)			**19**			**19**	**100.0%**	**-1.36 [-2.07, -0.65]**

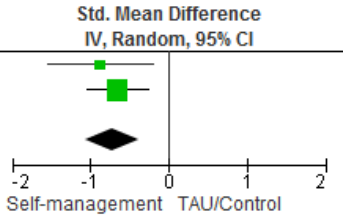
Heterogeneity: Not applicable
Test for overall effect: Z = 3.73 (P = 0.0002)



Psychosis, symptoms (positive) >12 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
FARDIG2011	5.74	3.31	19	9.74	5.35	19	26.0%	-0.88 [-1.55, -0.21]
XIANG2007	8.94	2.22	53	11.42	4.86	50	74.0%	-0.66 [-1.06, -0.26]
Total (95% CI)			**72**			**69**	**100.0%**	**-0.72 [-1.06, -0.37]**

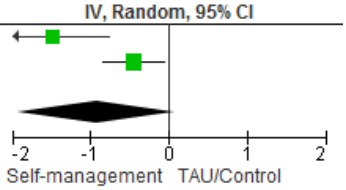
Heterogeneity: Tau² = 0.00; Chi² = 0.31, df = 1 (P = 0.58); I² = 0%
Test for overall effect: Z = 4.11 (P < 0.0001)



Psychosis, symptoms (negative) >12 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
FARDIG2011	8.79	4.16	19	15.11	4.19	19	45.4%	-1.48 [-2.21, -0.76]
XIANG2007	11.56	3.12	53	13.17	3.96	50	54.6%	-0.45 [-0.84, -0.06]
Total (95% CI)			**72**			**69**	**100.0%**	**-0.92 [-1.93, 0.09]**

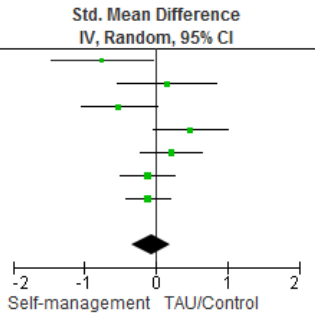
Heterogeneity: Tau² = 0.44; Chi² = 6.01, df = 1 (P = 0.01); I² = 83%
Test for overall effect: Z = 1.79 (P = 0.07)



Global State - Functioning, disability - end of intervention.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
ANZAI2002	18.2	13	16	32.5	22.7	16	9.2%	-0.75 [-1.47, -0.03]
PATTERSON2003	-41.5	9.5	16	-42.8	7.1	16	9.6%	0.15 [-0.54, 0.85]
MARDER1996	2.5189655	0.3281	29	2.686296	0.30653	27	13.2%	-0.52 [-1.05, 0.01]
VREELAND2006	-47.6	13.2	36	-53.7	11.5	25	13.6%	0.48 [-0.04, 1.00]
LIBERMAN2009	6.49	2.24	39	6.02	2.06	45	16.3%	0.22 [-0.21, 0.65]
XIANG2007	5.11	1.61	53	5.39	2.85	50	17.7%	-0.12 [-0.51, 0.27]
PATTERSON2006	-70.7	21.73	82	-68.2	21.79	76	20.4%	-0.11 [-0.43, 0.20]
Total (95% CI)			**271**			**255**	**100.0%**	**-0.07 [-0.33, 0.20]**

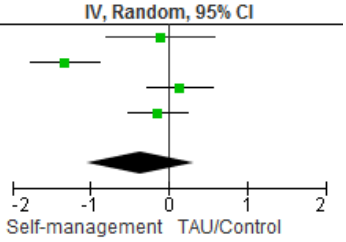
Heterogeneity: Tau² = 0.06; Chi² = 12.75, df = 6 (P = 0.05); I² = 53%
Test for overall effect: Z = 0.50 (P = 0.62)



Global State - Functioning, disability - up to 6 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
PATTERSON2003	-42.7	9.7	16	-41.6	9.7	16	22.2%	-0.11 [-0.80, 0.58]
XIANG2006	3.6	1.2	48	5.9	2.1	48	25.6%	-1.33 [-1.78, -0.89]
LIBERMAN2009	6.41	2.66	39	6.06	2.19	45	25.8%	0.14 [-0.29, 0.57]
XIANG2007	4.75	1.38	53	5	2.12	50	26.3%	-0.14 [-0.53, 0.25]
Total (95% CI)			**156**			**159**	**100.0%**	**-0.37 [-1.05, 0.32]**

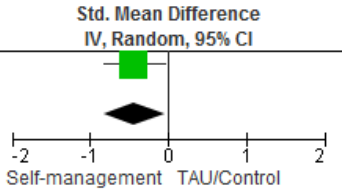
Heterogeneity: Tau² = 0.42; Chi² = 25.50, df = 3 (P < 0.0001); I² = 88%
Test for overall effect: Z = 1.05 (P = 0.29)



Global State - Functioning, disability - 7-12 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
XIANG2007	4.78	1.64	53	5.72	2.52	50	100.0%	-0.44 [-0.83, -0.05]
Total (95% CI)			**53**			**50**	**100.0%**	**-0.44 [-0.83, -0.05]**

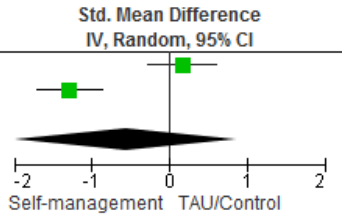
Heterogeneity: Not applicable
Test for overall effect: Z = 2.21 (P = 0.03)



Global State - Functioning, disability - >12 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
LIBERMAN1998	-0.53	6.83	40	-1.62	6.031	40	49.9%	0.17 [-0.27, 0.61]
XIANG2007	4.47	1.77	53	6.97	2.07	50	50.1%	-1.29 [-1.72, -0.87]
Total (95% CI)			**93**			**90**	**100.0%**	**-0.56 [-1.99, 0.87]**

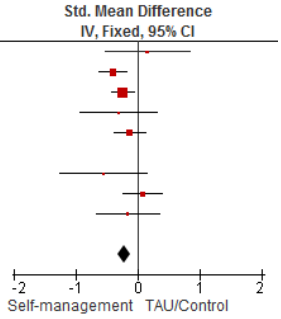
Heterogeneity: Tau² = 1.02; Chi² = 21.84, df = 1 (P < 0.00001); I² = 95%
Test for overall effect: Z = 0.77 (P = 0.44)



Quality of Life, end of intervention.

Study or Subgroup	Std. Mean Difference	SE	Self-Management Total	TAU/Control Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
BARBIC2009	0.15	0.349489	19	17	2.4%	0.15 [-0.53, 0.83]
BAUER2006	-0.4	0.11479	157	157	22.7%	-0.40 [-0.62, -0.18]
COOK2011	-0.25	0.091836	224	234	35.5%	-0.25 [-0.43, -0.07]
FARDIG2011	-0.31	0.316326	21	20	3.0%	-0.31 [-0.93, 0.31]
GESTEL-TIMMERMANS2012	-0.13	0.130102	123	114	17.7%	-0.13 [-0.38, 0.12]
LEVITT2009	-0.21	0.20153	52	47	0.0%	-0.21 [-0.60, 0.18]
PATTERSON2003	-0.56	0.35969	16	16	2.3%	-0.56 [-1.26, 0.14]
PATTERSON2006	0.07	0.158163	82	76	12.0%	0.07 [-0.24, 0.38]
VREELAND2006	-0.17	0.260204	36	25	4.4%	-0.17 [-0.68, 0.34]
Total (95% CI)			**678**	**659**	**100.0%**	**-0.22 [-0.33, -0.11]**

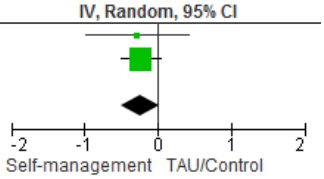
Heterogeneity: Chi² = 8.54, df = 7 (P = 0.29); I² = 18%
Test for overall effect: Z = 4.03 (P < 0.0001)



Quality of Life - up to 6 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
PATTERSON2003	-0.51	0.07	16	-0.49	0.07	16	13.3%	-0.28 [-0.98, 0.42]
GESTEL-TIMMERMANS2012	-4.63	0.97	111	-4.39	1.05	97	86.7%	-0.24 [-0.51, 0.04]
Total (95% CI)			**127**			**113**	**100.0%**	**-0.24 [-0.50, 0.01]**

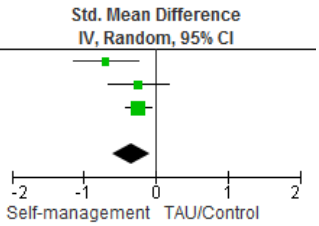
Heterogeneity: Tau² = 0.00; Chi² = 0.01, df = 1 (P = 0.91); I² = 0%
Test for overall effect: Z = 1.87 (P = 0.06)



Quality of Life - 7-12 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
CHAN2007	-139.25	27.84644	44	-118.52	30.88785	37	22.5%	-0.70 [-1.15, -0.25]
LEVITT2009	-3.43	0.84	44	-3.19	1.1	44	24.8%	-0.24 [-0.66, 0.18]
COOK2011	-14.1	2.83	212	-13.4	2.97	219	52.7%	-0.24 [-0.43, -0.05]
Total (95% CI)			**300**			**300**	**100.0%**	**-0.34 [-0.60, -0.09]**

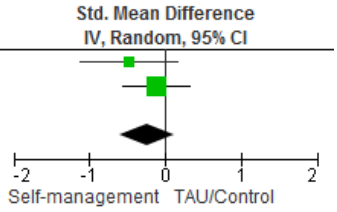
Heterogeneity: Tau² = 0.02; Chi² = 3.49, df = 2 (P = 0.17); I² = 43%
Test for overall effect: Z = 2.64 (P = 0.008)



Quality of Life, >12 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
FARDIG2011	-53.94	7.68	19	-49.53	10.05	19	31.5%	-0.48 [-1.13, 0.16]
LIBERMAN1998	-0.38	0.7589	40	-0.29	0.7589	40	68.5%	-0.12 [-0.56, 0.32]
Total (95% CI)			**59**			**59**	**100.0%**	**-0.23 [-0.60, 0.13]**

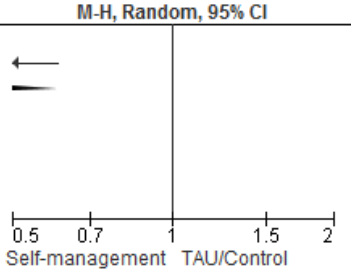
Heterogeneity: Tau² = 0.00; Chi² = 0.84, df = 1 (P = 0.36); I² = 0%
Test for overall effect: Z = 1.26 (P = 0.21)



Service use, contact - end of intervention.

Study or Subgroup	Self-Management Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
1.21.1 NOT attending aftercare service						
KOPELOWICZ1998B	4	27	17	27	100.0%	0.24 [0.09, 0.61]
Subtotal (95% CI)		**27**		**27**	**100.0%**	**0.24 [0.09, 0.61]**
Total events	4		17			

Heterogeneity: Not applicable
Test for overall effect: Z = 2.99 (P = 0.003)

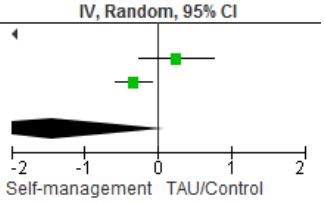


Test for subgroup differences: Not applicable

Empowerment, end of intervention.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
BARBIC2009	14.93	10.43	16	61.96	7.33	17	27.5%	-5.12 [-6.60, -3.64]
VREELAND2006	-3	0.4	35	-3.1	0.4	25	35.7%	0.25 [-0.27, 0.76]
GESTEL-TIMMERMANS2012	-3.55	0.48	136	-3.38	0.53	117	36.8%	-0.34 [-0.59, -0.09]
Total (95% CI)			**187**			**159**	**100.0%**	**-1.44 [-2.97, 0.08]**

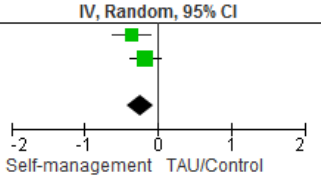
Heterogeneity: Tau² = 1.63; Chi² = 44.89, df = 2 (P < 0.00001); I² = 96%
Test for overall effect: Z = 1.86 (P = 0.06)



Empowerment- up to 6 month follow-up.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
GESTEL-TIMMERMANS2012	-3.59	0.5	121	-3.4	0.56	99	41.5%	-0.36 [-0.63, -0.09]
COOK2012	-2.9	0.33	157	-2.84	0.37	161	58.5%	-0.17 [-0.39, 0.05]
Total (95% CI)			**278**			**260**	**100.0%**	**-0.25 [-0.43, -0.07]**

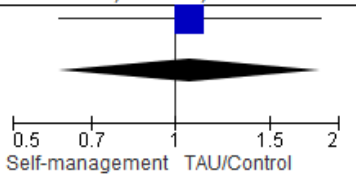
Heterogeneity: Tau² = 0.00; Chi² = 1.13, df = 1 (P = 0.29); I² = 12%
Test for overall effect: Z = 2.68 (P = 0.007)



Service Use, hospitalisation - end of intervention.

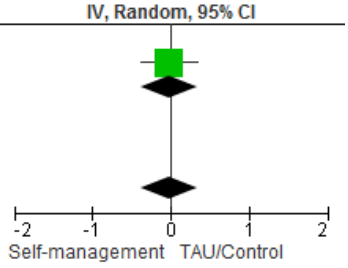
Study or Subgroup	Self-Management Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
SALYERS2010	15	49	21	73	100.0%	1.06 [0.61, 1.85]
Total (95% CI)		**49**		**73**	**100.0%**	**1.06 [0.61, 1.85]**
Total events	15		21			

Heterogeneity: Not applicable
Test for overall effect: Z = 0.22 (P = 0.83)



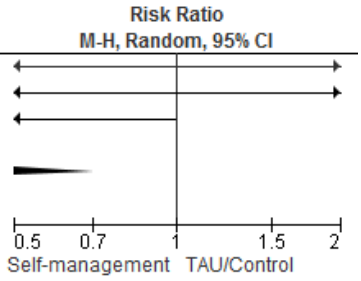
Service Use, hospitalisation - end of intervention.

Study or Subgroup	Self-Management Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.33.1 Days hospitalised								
SALYERS2010	16.9	48.6	49	18.4	65	73	100.0%	-0.03 [-0.39, 0.34]
Subtotal (95% CI)			**49**			**73**	**100.0%**	**-0.03 [-0.39, 0.34]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.14 (P = 0.89)								
Total (95% CI)			**49**			**73**	**100.0%**	**-0.03 [-0.39, 0.34]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.14 (P = 0.89)								
Test for subgroup differences: Not applicable								



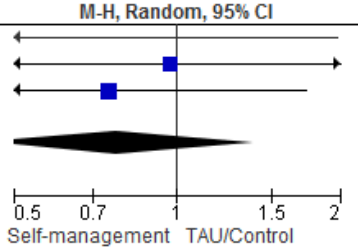
Service use, hospitalisation - up to 6 month follow-up.

Study or Subgroup	Self-Management Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
XIANG2007	0	49	2	45	13.8%	0.18 [0.01, 3.73]
XIANG2006	1	45	4	46	27.1%	0.26 [0.03, 2.20]
LIBERMAN2009	2	39	10	45	59.1%	0.23 [0.05, 0.99]
Total (95% CI)		**133**		**136**	**100.0%**	**0.23 [0.08, 0.70]**
Total events	3		16			
Heterogeneity: Tau² = 0.00; Chi² = 0.03, df = 2 (P = 0.98); I² = 0%						
Test for overall effect: Z = 2.57 (P = 0.01)						



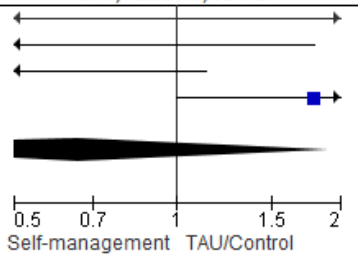
Service use, hospitalisation - 7-12 follow-up.

Study or Subgroup	Self-Management Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
XIANG2007	1	49	4	45	7.4%	0.23 [0.03, 1.98]
LEVITT2009	8	44	8	43	43.9%	0.98 [0.40, 2.37]
WIRSHING2006	7	29	9	28	48.7%	0.75 [0.32, 1.74]
Total (95% CI)		**122**		**116**	**100.0%**	**0.77 [0.43, 1.39]**
Total events	16		21			
Heterogeneity: Tau² = 0.00; Chi² = 1.52, df = 2 (P = 0.47); I² = 0%						
Test for overall effect: Z = 0.86 (P = 0.39)						



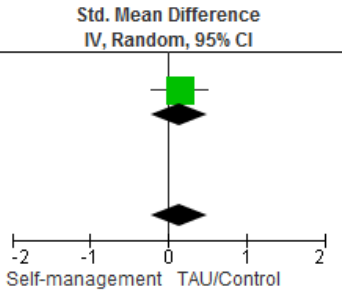
Service use, hospitalisation - >12 month follow-up.

Study or Subgroup	Self-Management Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
FARDIG2011	0	19	2	19	9.9%	0.20 [0.01, 3.91]
XIANG2007	2	49	5	45	21.7%	0.37 [0.07, 1.80]
LIBERMAN2009	5	39	13	45	31.5%	0.44 [0.17, 1.13]
SALYERS2010	18	49	15	73	36.9%	1.79 [1.00, 3.20]
Total (95% CI)		**156**		**182**	**100.0%**	**0.66 [0.23, 1.92]**
Total events	25		35			
Heterogeneity: Tau² = 0.72; Chi² = 9.62, df = 3 (P = 0.02); I² = 69%						
Test for overall effect: Z = 0.76 (P = 0.45)						



Service use, hospitalisation - > 12 month follow-up.

Study or Subgroup	Self-Management Mean	Self-Management SD	Self-Management Total	TAU/Control Mean	TAU/Control SD	TAU/Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.37.1 Days hospitlised								
SALYERS2010	16.5	55.3	49	9	46.5	73	100.0%	0.15 [-0.21, 0.51]
Subtotal (95% CI)			**49**			**73**	**100.0%**	**0.15 [-0.21, 0.51]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.80 (P = 0.42)								
Total (95% CI)			**49**			**73**	**100.0%**	**0.15 [-0.21, 0.51]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.80 (P = 0.42)								
Test for subgroup differences: Not applicable								

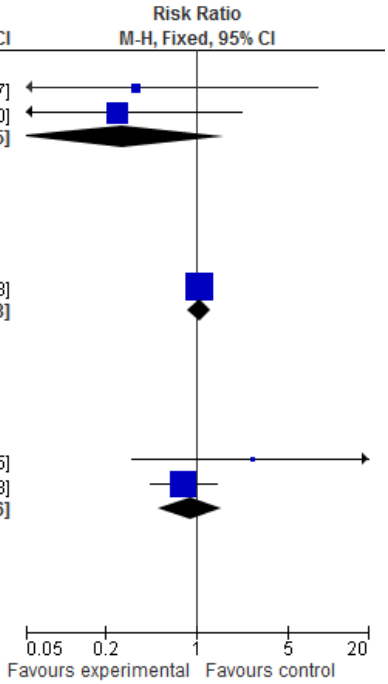


5. EARLY INTERVENTION SERVICES

5.1 Early intervention compared with TAU

Adverse events - Suicide, end of intervention

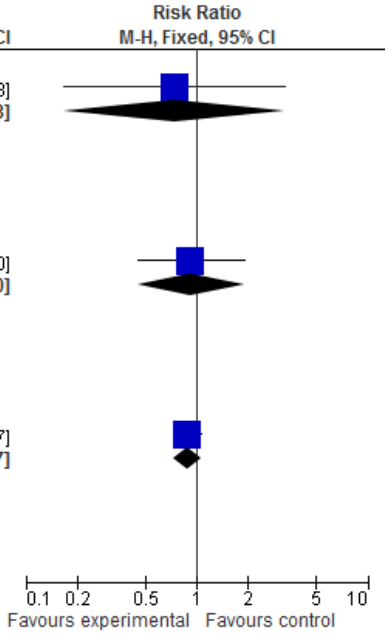
Study or Subgroup	Early Intervention Teams Events	Total	TAU/ Other Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
2.1.1 Suicide, Long-term						
CRAIG2004B	0	71	1	73	26.9%	0.34 [0.01, 8.27]
PETERSEN2005	1	275	4	272	73.1%	0.25 [0.03, 2.20]
Subtotal (95% CI)		**346**		**345**	**100.0%**	**0.27 [0.05, 1.65]**
Total events	1		5			
Heterogeneity: Chi² = 0.03, df = 1 (P = 0.87); I² = 0%						
Test for overall effect: Z = 1.42 (P = 0.16)						
2.1.2 Suicidal ideation, end of intervention						
PETERSEN2005	113	243	86	193	100.0%	1.04 [0.85, 1.28]
Subtotal (95% CI)		**243**		**193**	**100.0%**	**1.04 [0.85, 1.28]**
Total events	113		86			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.40 (P = 0.69)						
2.1.3 Suicide Attempts, Long-term						
GRAWE2006	4	30	1	20	5.1%	2.67 [0.32, 22.15]
PETERSEN2005	20	243	20	193	94.9%	0.79 [0.44, 1.43]
Subtotal (95% CI)		**273**		**213**	**100.0%**	**0.89 [0.51, 1.56]**
Total events	24		21			
Heterogeneity: Chi² = 1.17, df = 1 (P = 0.28); I² = 15%						
Test for overall effect: Z = 0.41 (P = 0.68)						



Test for subgroup differences: Chi² = 2.33, df = 2 (P = 0.31), I² = 14.0%

Adverse events – Suicide, >12months follow-up

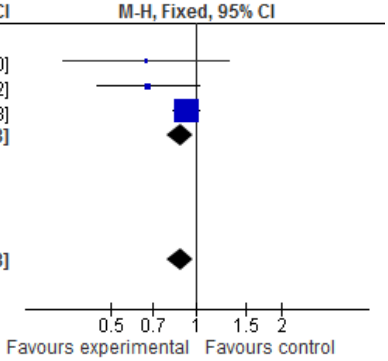
Study or Subgroup	Early Intervention Teams Events	Total	TAU/ Other Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
2.2.1 Suicide, 36 month follow-up; Long-term						
PETERSEN2005	3	275	4	272	100.0%	0.74 [0.17, 3.28]
Subtotal (95% CI)		**275**		**272**	**100.0%**	**0.74 [0.17, 3.28]**
Total events	3		4			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.39 (P = 0.69)						
2.2.2 Suicide attempts, 36 month follow-up; Long-term						
PETERSEN2005	13	151	14	150	100.0%	0.92 [0.45, 1.90]
Subtotal (95% CI)		**151**		**150**	**100.0%**	**0.92 [0.45, 1.90]**
Total events	13		14			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.22 (P = 0.83)						
2.2.3 Suicidal ideation, 36 month follow-up; Long-term						
PETERSEN2005	83	151	93	150	100.0%	0.89 [0.73, 1.07]
Subtotal (95% CI)		**151**		**150**	**100.0%**	**0.89 [0.73, 1.07]**
Total events	83		93			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.23 (P = 0.22)						



Test for subgroup differences: Chi² = 0.07, df = 2 (P = 0.97), I² = 0%

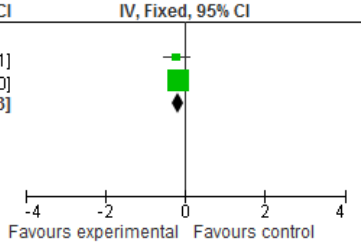
Service use - hospitalisation, end of intervention

Study or Subgroup	Early Intervention Teams Events	Total	TAU/ Other Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
2.3.2 Hospital readmission, Long-term						
GRAWE2006	10	30	10	20	4.9%	0.67 [0.34, 1.30]
CRAIG2004B	23	69	33	67	13.6%	0.68 [0.45, 1.02]
PETERSEN2005	186	275	199	272	81.5%	0.92 [0.83, 1.03]
Subtotal (95% CI)		**374**		**359**	**100.0%**	**0.88 [0.79, 0.98]**
Total events	219		242			
Heterogeneity: Chi² = 3.04, df = 2 (P = 0.22); I² = 34%						
Test for overall effect: Z = 2.37 (P = 0.02)						
Total (95% CI)		**374**		**359**	**100.0%**	**0.88 [0.79, 0.98]**
Total events	219		242			
Heterogeneity: Chi² = 3.04, df = 2 (P = 0.22); I² = 34%						
Test for overall effect: Z = 2.37 (P = 0.02)						
Test for subgroup differences: Not applicable						



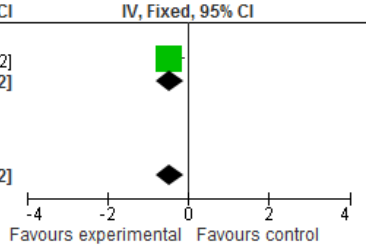
Service use - hospitalisation (number of bed days), end of intervention

Study or Subgroup	Early Intervention Teams Mean	SD	Total	TAU/ Other Mean	SD	Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
2.4.3 Mean number of bed days, Long-term								
CRAIG2004B	35.5	78.9	69	54.9	93.6	67	19.9%	-0.22 [-0.56, 0.11]
PETERSEN2005	96	146.7	275	123	170.6	272	80.1%	-0.17 [-0.34, -0.00]
Subtotal (95% CI)			**344**			**339**	**100.0%**	**-0.18 [-0.33, -0.03]**
Heterogeneity: Chi² = 0.08, df = 1 (P = 0.78); I² = 0%								
Test for overall effect: Z = 2.35 (P = 0.02)								
Test for subgroup differences: Not applicable								



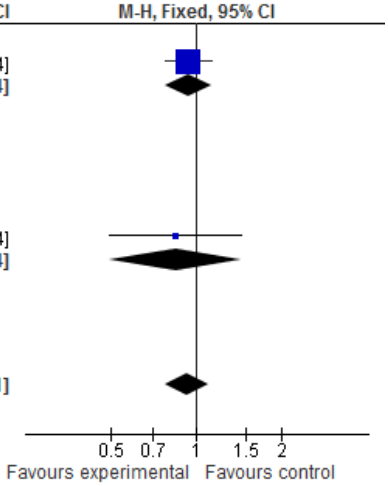
Service use - hospitalisation (no. of admissions), end of intervention

Study or Subgroup	Early Intervention Teams Mean	SD	Total	TAU/ Other Mean	SD	Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
2.5.2 Mean number of readmissions, Long-term								
CRAIG2004B	0.4	0.7	69	0.8	1	67	100.0%	-0.46 [-0.80, -0.12]
Subtotal (95% CI)			**69**			**67**	**100.0%**	**-0.46 [-0.80, -0.12]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.66 (P = 0.008)								
Total (95% CI)			**69**			**67**	**100.0%**	**-0.46 [-0.80, -0.12]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.66 (P = 0.008)								
Test for subgroup differences: Not applicable								



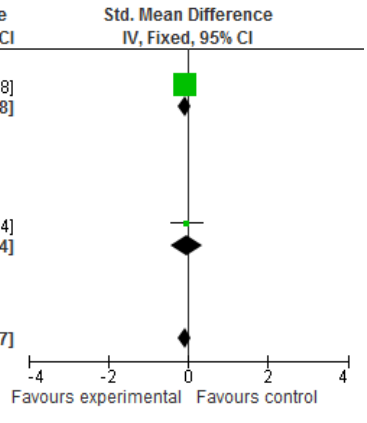
Service use - hospitalisation, >12 month follow-up

Study or Subgroup	Early Intervention Teams Events	Total	TAU/ Other Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
2.6.1 Hospital readmission; 36 month follow-up- Long-term						
PETERSEN2005	118	275	124	272	86.8%	0.94 [0.78, 1.14]
Subtotal (95% CI)		**275**		**272**	**86.8%**	**0.94 [0.78, 1.14]**
Total events	118		124			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.63 (P = 0.53)						
2.6.2 Hospital readmission; 42 month follow-up- Long-term						
CRAIG2004B	18	55	17	44	13.2%	0.85 [0.50, 1.44]
Subtotal (95% CI)		**55**		**44**	**13.2%**	**0.85 [0.50, 1.44]**
Total events	18		17			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.61 (P = 0.54)						
Total (95% CI)		**330**		**316**	**100.0%**	**0.93 [0.78, 1.11]**
Total events	136		141			
Heterogeneity: Chi² = 0.13, df = 1 (P = 0.71); I² = 0%						
Test for overall effect: Z = 0.81 (P = 0.42)						
Test for subgroup differences: Chi² = 0.13, df = 1 (P = 0.71), I² = 0%						



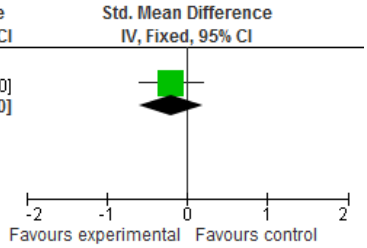
Service use - hospitalisation (no. bed days), >12 month follow-up

Study or Subgroup	Early Intervention Teams Mean	SD	Total	TAU/ Other Mean	SD	Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
2.7.1 Mean number of bed days; 36 month follow-up, Long-term								
PETERSEN2005	58	145.1	275	71	154.9	272	84.8%	-0.09 [-0.25, 0.08]
Subtotal (95% CI)			**275**			**272**	**84.8%**	**-0.09 [-0.25, 0.08]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.01 (P = 0.31)								
2.7.3 Mean number of bed days; 42 month follow-up, Long-term								
CRAIG2004B	45.25	112.8	45	51.41	125	54	15.2%	-0.05 [-0.45, 0.34]
Subtotal (95% CI)			**45**			**54**	**15.2%**	**-0.05 [-0.45, 0.34]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.25 (P = 0.80)								
Total (95% CI)			**320**			**326**	**100.0%**	**-0.08 [-0.24, 0.07]**
Heterogeneity: Chi² = 0.03, df = 1 (P = 0.87); I² = 0%								
Test for overall effect: Z = 1.03 (P = 0.30)								
Test for subgroup differences: Chi² = 0.03, df = 1 (P = 0.87), I² = 0%								



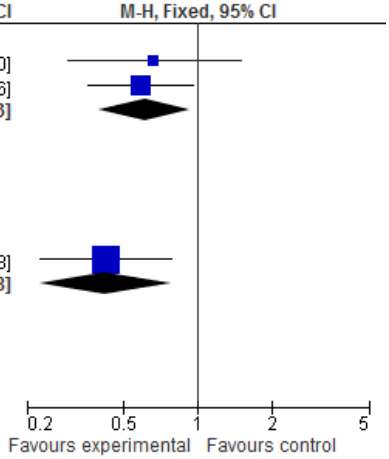
Service use - hospitalisation (no. of admissions), >12 month follow-up

Study or Subgroup	Early Intervention Teams Mean	SD	Total	TAU/ Other Mean	SD	Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
2.8.4 Mean number of readmissions;42 month follow-up, Long-term								
CRAIG2004B	1.65	0.86	45	1.83	0.92	54	100.0%	-0.20 [-0.60, 0.20]
Subtotal (95% CI)			**45**			**54**	**100.0%**	**-0.20 [-0.60, 0.20]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.99 (P = 0.32)								
Test for subgroup differences: Not applicable								



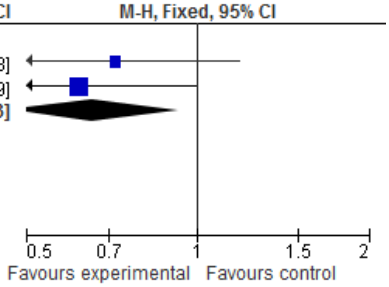
Service use - contact, (not in contact with services- index team), end of intervention

Study or Subgroup	Early Intervention Teams Events	Total	TAU/ Other Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
2.9.1 NON contact with index team, Long-term						
PETERSEN2005	10	243	12	193	31.1%	0.66 [0.29, 1.50]
CRAIG2004B	17	71	30	73	68.9%	0.58 [0.35, 0.96]
Subtotal (95% CI)		**314**		**266**	**100.0%**	**0.61 [0.40, 0.93]**
Total events	27		42			
Heterogeneity: Chi² = 0.07, df = 1 (P = 0.79); I² = 0%						
Test for overall effect: Z = 2.28 (P = 0.02)						
2.9.2 NON contact with any mental health service, Long-term						
CRAIG2004B	11	71	27	73	100.0%	0.42 [0.23, 0.78]
Subtotal (95% CI)		**71**		**73**	**100.0%**	**0.42 [0.23, 0.78]**
Total events	11		27			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.75 (P = 0.006)						



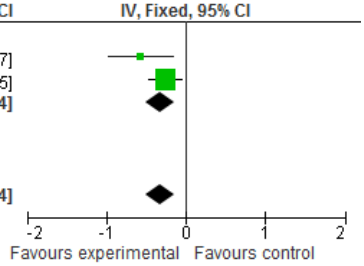
Global state - Relapse (full or partial), end of intervention

Study or Subgroup	Early Intervention Teams Events	Total	TAU/ Other Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
2.10.2 Relapse (full or partial), Long-term						
GRAWE2006	14	30	13	20	35.0%	0.72 [0.44, 1.18]
CRAIG2004B	18	61	29	61	65.0%	0.62 [0.39, 0.99]
Subtotal (95% CI)		**91**		**81**	**100.0%**	**0.65 [0.46, 0.93]**
Total events	32		42			
Heterogeneity: Chi² = 0.18, df = 1 (P = 0.67); I² = 0%						
Test for overall effect: Z = 2.38 (P = 0.02)						
Test for subgroup differences: Not applicable						



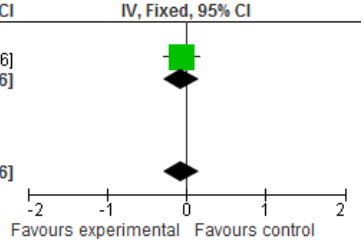
Global state - Functioning / Disability (GAF), end of intervention

Study or Subgroup	Early Intervention Teams Mean	SD	Total	TAU/ Other Mean	SD	Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
2.11.3 Long-term (GAF)								
CRAIG2004B	-64.1	15.3	54	-55.3	15.1	44	20.5%	-0.57 [-0.98, -0.17]
PETERSEN2005	-55.16	15.15	205	-51.13	15.92	164	79.5%	-0.26 [-0.47, -0.05]
Subtotal (95% CI)			**259**			**208**	**100.0%**	**-0.32 [-0.51, -0.14]**
Heterogeneity: Chi² = 1.83, df = 1 (P = 0.18); I² = 45%								
Test for overall effect: Z = 3.45 (P = 0.0006)								
Total (95% CI)			**259**			**208**	**100.0%**	**-0.32 [-0.51, -0.14]**
Heterogeneity: Chi² = 1.83, df = 1 (P = 0.18); I² = 45%								
Test for overall effect: Z = 3.45 (P = 0.0006)								
Test for subgroup differences: Not applicable								



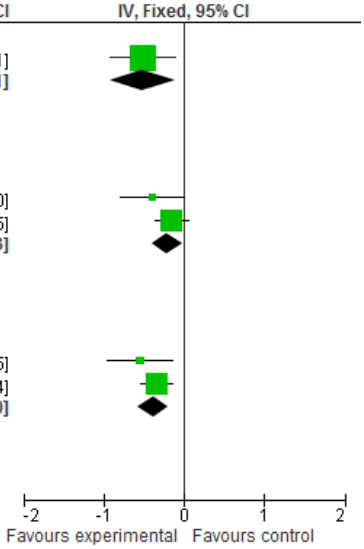
Global state - Functioning / Disability (GAF), >12 month follow-up

Study or Subgroup	Early Intervention Teams Mean	SD	Total	TAU/ Other Mean	SD	Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
2.12.1 36 month follow-up; Long-term (GAF)								
PETERSEN2005	-55.36	17.28	151	-54.16	18.41	150	100.0%	-0.07 [-0.29, 0.16]
Subtotal (95% CI)			**151**			**150**	**100.0%**	**-0.07 [-0.29, 0.16]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.58 (P = 0.56)								
Total (95% CI)			**151**			**150**	**100.0%**	**-0.07 [-0.29, 0.16]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.58 (P = 0.56)								
Test for subgroup differences: Not applicable								



Psychosis Symptoms (PANSS), end of intervention

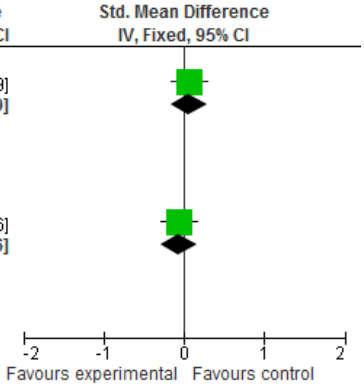
Study or Subgroup	Early Intervention Teams Mean	SD	Total	TAU/ Other Mean	SD	Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
2.13.2 Total, Long-term (PANSS)								
CRAIG2004B	51.2	15.2	55	58.9	14.2	44	100.0%	-0.52 [-0.92, -0.11]
Subtotal (95% CI)			**55**			**44**	**100.0%**	**-0.52 [-0.92, -0.11]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.52 (P = 0.01)								
2.13.5 Positive, Long-term (PANSS or SAPS)								
CRAIG2004B	11.8	5.1	55	14	5.9	44	20.9%	-0.40 [-0.80, 0.00]
PETERSEN2005	1.06	1.26	205	1.27	1.4	164	79.1%	-0.16 [-0.36, 0.05]
Subtotal (95% CI)			**260**			**208**	**100.0%**	**-0.21 [-0.39, -0.03]**
Heterogeneity: Chi² = 1.10, df = 1 (P = 0.29); I² = 9%								
Test for overall effect: Z = 2.23 (P = 0.03)								
2.13.8 Negative, Long-term (PANSS or SANS)								
CRAIG2004B	11.9	5.1	55	14.8	5.4	44	20.8%	-0.55 [-0.95, -0.15]
PETERSEN2005	1.41	1.15	205	1.82	1.23	164	79.2%	-0.34 [-0.55, -0.14]
Subtotal (95% CI)			**260**			**208**	**100.0%**	**-0.39 [-0.57, -0.20]**
Heterogeneity: Chi² = 0.78, df = 1 (P = 0.38); I² = 0%								
Test for overall effect: Z = 4.12 (P < 0.0001)								



Test for subgroup differences: Chi² = 2.86, df = 2 (P = 0.24), I² = 30.1%

Psychosis Symptoms (PANSS), >12 month follow-up

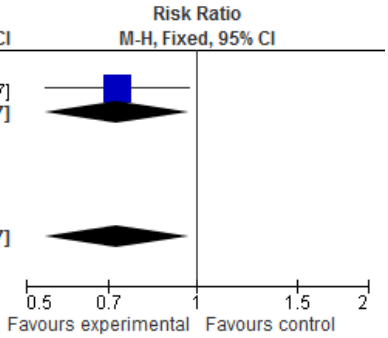
Study or Subgroup	Early Intervention Teams Mean	SD	Total	TAU/ Other Mean	SD	Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
2.14.1 Positive, 36 month follow-up; Long-term								
PETERSEN2005	1.41	1.62	151	1.31	1.6	150	100.0%	0.06 [-0.16, 0.29]
Subtotal (95% CI)			**151**			**150**	**100.0%**	**0.06 [-0.16, 0.29]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.54 (P = 0.59)								
2.14.2 Negative, 36 month follow-up; Long-term								
PETERSEN2005	1.73	1.29	151	1.82	1.46	150	100.0%	-0.07 [-0.29, 0.16]
Subtotal (95% CI)			**151**			**150**	**100.0%**	**-0.07 [-0.29, 0.16]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.57 (P = 0.57)								



Test for subgroup differences: Chi² = 0.61, df = 1 (P = 0.44), I² = 0%

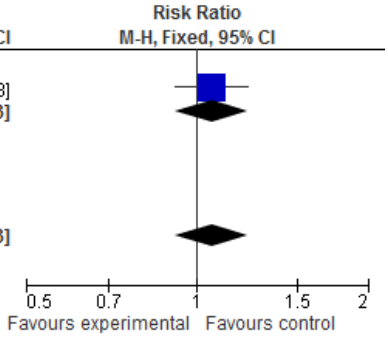
Employment and Education, end of intervention

Study or Subgroup	Early Intervention Teams Events	Total	TAU/ Other Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
2.15.1 Not working or in education, Long-term						
PETERSEN2005	61	243	67	193	100.0%	0.72 [0.54, 0.97]
Subtotal (95% CI)		**243**		**193**	**100.0%**	**0.72 [0.54, 0.97]**
Total events	61		67			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.18 (P = 0.03)						
Total (95% CI)		**243**		**193**	**100.0%**	**0.72 [0.54, 0.97]**
Total events	61		67			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.18 (P = 0.03)						
Test for subgroup differences: Not applicable						



Employment and Education, >12 month follow-up

Study or Subgroup	Early Intervention Teams Events	Total	TAU/ Other Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI
2.16.1 Not working or in education, 36 month follow-up, Long-term						
PETERSEN2005	159	275	148	272	100.0%	1.06 [0.92, 1.23]
Subtotal (95% CI)		**275**		**272**	**100.0%**	**1.06 [0.92, 1.23]**
Total events	159		148			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.80 (P = 0.42)						
Total (95% CI)		**275**		**272**	**100.0%**	**1.06 [0.92, 1.23]**
Total events	159		148			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.80 (P = 0.42)						
Test for subgroup differences: Not applicable						

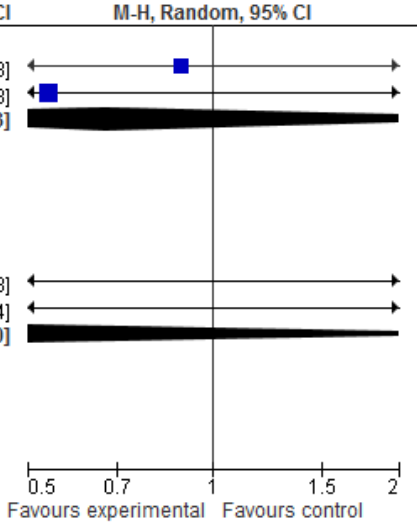


6. COMMUNITY MENTAL HEALTH TEAMS

6.1 Community mental health teams compared with TAU

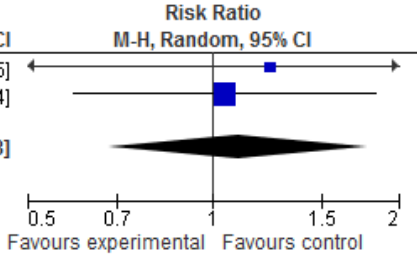
Death - medium term (up to 12 months).

Study or Subgroup	CMHTs Events	CMHTs Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
1.1.1 Any cause						
TYRER1998	1	82	1	73	42.5%	0.89 [0.06, 13.98]
MERSON1992	1	48	2	52	57.5%	0.54 [0.05, 5.78]
Subtotal (95% CI)		**130**		**125**	**100.0%**	**0.67 [0.11, 4.03]**
Total events	2		3			
Heterogeneity: Tau² = 0.00; Chi² = 0.07, df = 1 (P = 0.79); I² = 0%						
Test for overall effect: Z = 0.44 (P = 0.66)						
1.1.2 Suicide						
TYRER1998	0	82	1	73	49.9%	0.30 [0.01, 7.18]
MERSON1992	0	48	1	52	50.1%	0.36 [0.02, 8.64]
Subtotal (95% CI)		**130**		**125**	**100.0%**	**0.33 [0.03, 3.10]**
Total events	0		2			
Heterogeneity: Tau² = 0.00; Chi² = 0.01, df = 1 (P = 0.93); I² = 0%						
Test for overall effect: Z = 0.97 (P = 0.33)						
Test for subgroup differences: Chi² = 0.24, df = 1 (P = 0.63), I² = 0%						



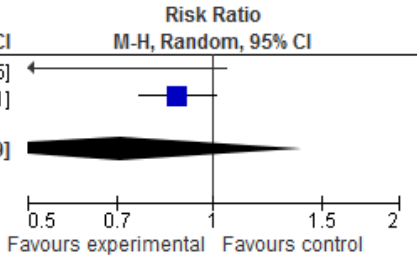
Leaving study early - medium term (up to 12 months).

Study or Subgroup	CMHTs Events	CMHTs Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MERSON1992	8	47	7	51	26.8%	1.24 [0.49, 3.15]
TYRER1998	20	82	17	73	73.2%	1.05 [0.60, 1.84]
Total (95% CI)		**129**		**124**	**100.0%**	**1.10 [0.68, 1.78]**
Total events	28		24			
Heterogeneity: Tau² = 0.00; Chi² = 0.09, df = 1 (P = 0.76); I² = 0%						
Test for overall effect: Z = 0.37 (P = 0.71)						



Service use: Admitted to hospital - medium term (up to 12 months).

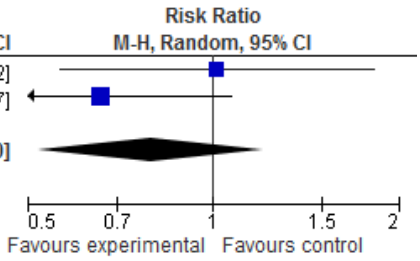
Study or Subgroup	CMHTs Events	CMHTs Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MERSON1992	7	48	16	52	34.8%	0.47 [0.21, 1.05]
TYRER1998	63	82	64	73	65.2%	0.88 [0.76, 1.01]
Total (95% CI)		**130**		**125**	**100.0%**	**0.71 [0.36, 1.39]**
Total events	70		80			
Heterogeneity: Tau² = 0.18; Chi² = 3.08, df = 1 (P = 0.08); I² = 68%						
Test for overall effect: Z = 1.00 (P = 0.32)						



Service use: Use of Accident and Emergency and general hospital - medium term (up to 12 months).

Study or Subgroup	CMHTs Events	CMHTs Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MERSON1992	15	48	16	52	42.5%	1.02 [0.57, 1.82]
TYRER1998	20	82	27	73	57.5%	0.66 [0.41, 1.07]
Total (95% CI)		**130**		**125**	**100.0%**	**0.79 [0.52, 1.20]**
Total events	35		43			

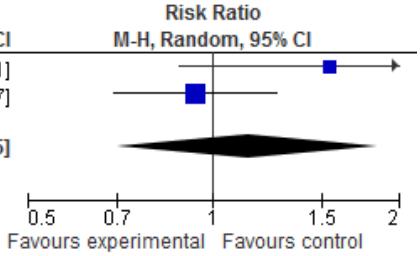
Heterogeneity: Tau² = 0.02; Chi² = 1.24, df = 1 (P = 0.27); I² = 19%
Test for overall effect: Z = 1.09 (P = 0.28)



Service use: Not in Contact with Primary Care - medium term (up to 12 months)

Study or Subgroup	CMHTs Events	CMHTs Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MERSON1992	20	48	14	52	39.0%	1.55 [0.88, 2.71]
TYRER1998	41	82	39	73	61.0%	0.94 [0.69, 1.27]
Total (95% CI)		**130**		**125**	**100.0%**	**1.14 [0.70, 1.85]**
Total events	61		53			

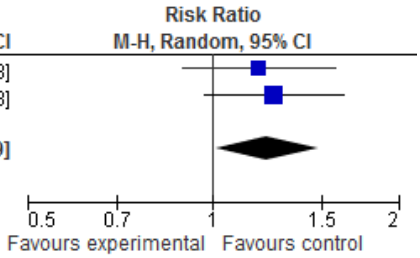
Heterogeneity: Tau² = 0.08; Chi² = 2.46, df = 1 (P = 0.12); I² = 59%
Test for overall effect: Z = 0.52 (P = 0.60)



Service use: Not in Contact with social services - medium term (up to 12 months).

Study or Subgroup	CMHTs Events	CMHTs Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MERSON1992	34	48	31	52	44.6%	1.19 [0.89, 1.58]
TYRER1998	54	82	43	82	55.4%	1.26 [0.97, 1.63]
Total (95% CI)		**130**		**134**	**100.0%**	**1.23 [1.01, 1.49]**
Total events	88		74			

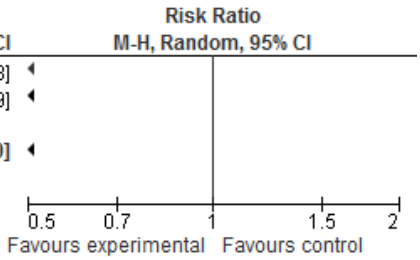
Heterogeneity: Tau² = 0.00; Chi² = 0.08, df = 1 (P = 0.78); I² = 0%
Test for overall effect: Z = 2.07 (P = 0.04)



Not in Contact with community psychiatric services - medium term (up to 12 months).

Study or Subgroup	CMHTs Events	CMHTs Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
MERSON1992	4	48	49	52	41.7%	0.09 [0.03, 0.23]
TYRER1998	8	82	37	73	58.3%	0.19 [0.10, 0.39]
Total (95% CI)		**130**		**125**	**100.0%**	**0.14 [0.06, 0.30]**
Total events	12		86			

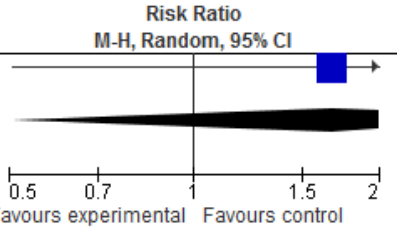
Heterogeneity: Tau² = 0.14; Chi² = 1.76, df = 1 (P = 0.18); I² = 43%
Test for overall effect: Z = 5.04 (P < 0.00001)



Service use: Not in contact with mental health services (up to 12 months).

Study or Subgroup	CMHTs Events	CMHTs Total	Control Events	Control Total	Weight	Risk Ratio M-H, Random, 95% CI
GATER1997	6	42	4	47	100.0%	1.68 [0.51, 5.54]
Total (95% CI)		**42**		**47**	**100.0%**	**1.68 [0.51, 5.54]**
Total events	6		4			

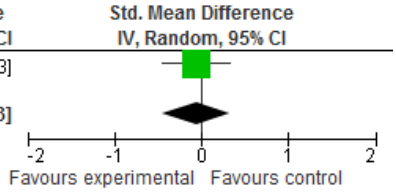
Heterogeneity: Not applicable
Test for overall effect: Z = 0.85 (P = 0.40)



Mental state- medium term (up to 12 months).

Study or Subgroup	CMHTs Mean	CMHTs SD	CMHTs Total	Control Mean	Control SD	Control Total	Weight	Std. Mean Difference IV, Random, 95% CI
MERSON1992	22.8	11	48	23.6	14.1	52	100.0%	-0.06 [-0.45, 0.33]
Total (95% CI)			**48**			**52**	**100.0%**	**-0.06 [-0.45, 0.33]**

Heterogeneity: Not applicable
Test for overall effect: Z = 0.31 (P = 0.76)

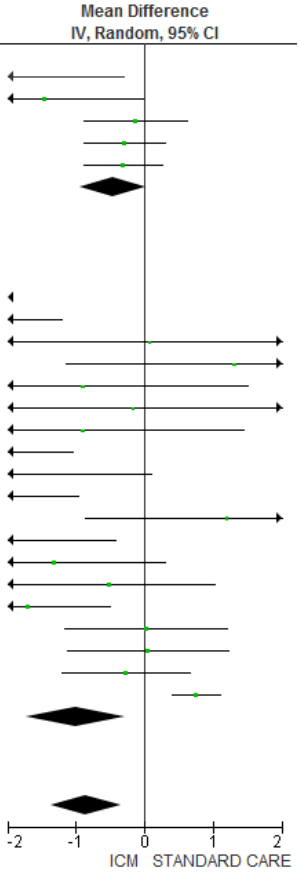


7. INTENSIVE CASE MANAGEMENT

7.1 Intensive case management (CM) compared with Standard care

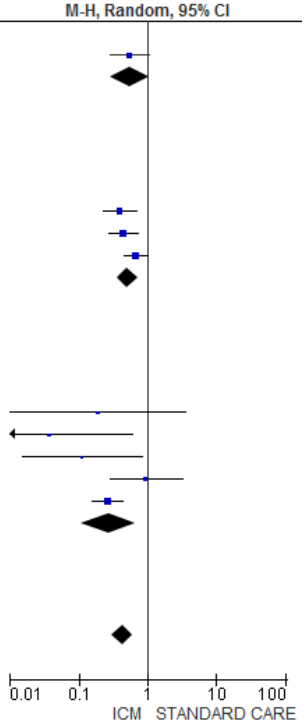
Average number of days in hospital per month- by about 24 months.

Study or Subgroup	INTENSIVE CASE MANAGEMENT Mean	SD	Total	STANDARD CARE Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
1.1.1 skewed data (sample size > 200)								
Rosenheck-USA-NP	8.92	10.5	183	11.67	12.42	162	2.8%	-2.75 [-5.19, -0.31]
OPUS- Denmark	5.11	7.7	263	6.57	8.73	244	4.7%	-1.46 [-2.90, -0.02]
Rosenheck-USA-GMS	4.04	4.12	271	4.17	4.58	257	6.5%	-0.13 [-0.87, 0.61]
Chander- California1 (B)	0.67	2.55	115	0.96	2.07	114	6.8%	-0.29 [-0.89, 0.31]
Chander- California1 (A)	0.47	2.34	102	0.78	1.84	101	6.8%	-0.31 [-0.89, 0.27]
Subtotal (95% CI)			**934**			**878**	**27.6%**	**-0.46 [-0.95, 0.03]**
Heterogeneity: Tau² = 0.11; Chi² = 6.36, df = 4 (P = 0.17); I² = 37%								
Test for overall effect: Z = 1.85 (P = 0.06)								
1.1.2 skewed data (sample size <200)								
Bond- Indiana1 (A)	1.28	3.17	29	7.72	8.99	32	1.8%	-6.44 [-9.76, -3.12]
Quinlivan- California	1.09	2.65	30	5.53	8.65	30	1.9%	-4.44 [-7.68, -1.20]
Muijen- UK2	2.53	5.55	41	2.45	5.83	41	2.8%	0.08 [-2.38, 2.54]
Ford- UK	3.07	6.9	39	1.76	3.67	38	2.8%	1.31 [-1.15, 3.77]
Bond- Indiana1 (B)	2.72	4.54	34	3.62	5.24	30	2.8%	-0.90 [-3.32, 1.52]
Hampton- Illinois (B)	3.25	5.01	34	3.42	5.02	36	2.9%	-0.17 [-2.52, 2.18]
Sytema- Netherlands	3.4	5.4	58	4.3	7.3	57	2.9%	-0.90 [-3.25, 1.45]
Bond- Indiana1 (C)	0.05	1.89	21	3.38	4.98	21	3.0%	-3.33 [-5.61, -1.05]
Bond- Chicago1	3.22	4.55	42	5.3	5.42	40	3.2%	-2.08 [-4.25, 0.09]
Hampton- Illinois (A)	1.75	3.63	48	4.83	6.49	47	3.3%	-3.08 [-5.20, -0.96]
Holloway- UK	2.4	5.1	34	1.2	3	26	3.4%	1.20 [-0.87, 3.27]
Lehman- Maryland1	3.04	5.15	77	5.41	7	75	3.6%	-2.37 [-4.33, -0.41]
Bjorkman- Sweden	0.83	3.13	33	2.15	4.13	44	4.3%	-1.32 [-2.94, 0.30]
Marshall- UK	1.04	2.18	40	1.56	4.45	40	4.5%	-0.52 [-2.06, 1.02]
Test- Wisconsin	0.42	2.29	72	2.13	3.54	41	5.3%	-1.71 [-2.92, -0.50]
Audini- UK	0.95	2.84	33	0.93	2.03	33	5.3%	0.02 [-1.17, 1.21]
Muller-Clemm- Canada	1.68	3.56	61	1.63	2.93	57	5.4%	0.05 [-1.12, 1.22]
Jerrell- SCarolina1	0.53	2.4	40	0.8	1.86	40	6.0%	-0.27 [-1.21, 0.67]
Curtis-New York	1.77	1.79	146	1.02	1.18	143	7.2%	0.75 [0.40, 1.10]
Subtotal (95% CI)			**912**			**871**	**72.4%**	**-1.01 [-1.74, -0.28]**
Heterogeneity: Tau² = 1.67; Chi² = 79.27, df = 18 (P < 0.00001); I² = 77%								
Test for overall effect: Z = 2.70 (P = 0.007)								
Total (95% CI)			**1846**			**1749**	**100.0%**	**-0.86 [-1.37, -0.34]**
Heterogeneity: Tau² = 0.93; Chi² = 89.43, df = 23 (P < 0.00001); I² = 74%								
Test for overall effect: Z = 3.26 (P = 0.001)								
Test for subgroup differences: Chi² = 1.50, df = 1 (P = 0.22), I² = 33.2%								



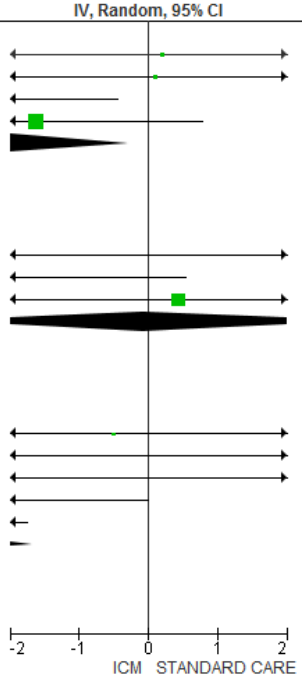
Not remaining in contact with psychiatric services.

Study or Subgroup	INTENSIVE CASE MANAGEMENT Events	Total	STANDARD CARE Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
1.2.1 by short term						
Hampton- Illinois	10	48	18	47	14.3%	0.54 [0.28, 1.05]
Subtotal (95% CI)		**48**		**47**	**14.3%**	**0.54 [0.28, 1.05]**
Total events	10		18			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.81 (P = 0.07)						
1.2.2 by medium term						
Chander- California1 (B)	14	125	39	135	16.5%	0.39 [0.22, 0.68]
OPUS- Denmark	21	275	47	272	18.4%	0.44 [0.27, 0.72]
Chander- California1 (A)	30	127	46	129	21.0%	0.66 [0.45, 0.98]
Subtotal (95% CI)		**527**		**536**	**55.9%**	**0.51 [0.36, 0.71]**
Total events	65		132			
Heterogeneity: Tau² = 0.03; Chi² = 3.02, df = 2 (P = 0.22); I² = 34%						
Test for overall effect: Z = 3.99 (P < 0.0001)						
1.2.3 by long term						
Bjorkman- Sweden	0	33	3	44	1.4%	0.19 [0.01, 3.54]
Sytema- Netherlands	0	59	13	59	1.5%	0.04 [0.00, 0.61]
Holloway- UK	1	35	9	35	2.8%	0.11 [0.01, 0.83]
Test- Wisconsin	6	75	4	47	6.6%	0.94 [0.28, 3.16]
Bond- Chicago1	11	45	40	43	17.5%	0.26 [0.16, 0.44]
Subtotal (95% CI)		**247**		**228**	**29.8%**	**0.27 [0.11, 0.66]**
Total events	18		69			
Heterogeneity: Tau² = 0.43; Chi² = 7.19, df = 4 (P = 0.13); I² = 44%						
Test for overall effect: Z = 2.86 (P = 0.004)						
Total (95% CI)		**822**		**811**	**100.0%**	**0.43 [0.30, 0.61]**
Total events	93		219			
Heterogeneity: Tau² = 0.12; Chi² = 15.57, df = 8 (P = 0.05); I² = 49%						
Test for overall effect: Z = 4.71 (P < 0.00001)						
Test for subgroup differences: Chi² = 1.85, df = 2 (P = 0.40), I² = 0%						



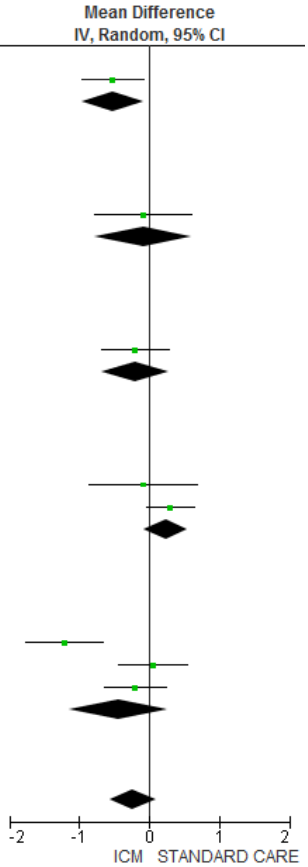
Functioning (GAF).

Study or Subgroup	INTENSIVE CASE MANAGEMENT Mean	SD	Total	STANDARD CARE Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
1.3.1 by short term								
Audini- UK	-66.4	14.5	31	-66.6	17.5	30	4.9%	0.20 [-7.88, 8.28]
Muijen- UK2	-45.7	15.6	36	-45.8	14.7	32	6.2%	0.10 [-7.10, 7.30]
Rosenheck-USA-NP	-43.47	12.74	137	-39.94	12.6	121	33.5%	-3.53 [-6.63, -0.43]
Rosenheck-USA-GMS	-49.54	12.89	233	-47.91	11.89	177	55.4%	-1.63 [-4.04, 0.78]
Subtotal (95% CI)			**437**			**360**	**100.0%**	**-2.07 [-3.86, -0.28]**
Heterogeneity: Tau² = 0.00; Chi² = 1.63, df = 3 (P = 0.65); I² = 0%								
Test for overall effect: Z = 2.26 (P = 0.02)								
1.3.2 by medium term								
Muijen- UK2	-41.8	13.7	33	-46.7	14.5	27	15.0%	4.90 [-2.29, 12.09]
Rosenheck-USA-NP	-43.49	13.72	132	-40.85	11.61	110	38.8%	-2.64 [-5.83, 0.55]
Rosenheck-USA-GMS	-49.15	13.36	239	-49.59	12.24	181	46.1%	0.44 [-2.02, 2.90]
Subtotal (95% CI)			**404**			**318**	**100.0%**	**-0.09 [-3.28, 3.11]**
Heterogeneity: Tau² = 4.18; Chi² = 4.42, df = 2 (P = 0.11); I² = 55%								
Test for overall effect: Z = 0.05 (P = 0.96)								
1.3.3 by long term								
Audini- UK	-62	22	30	-61.5	20.6	28	2.5%	-0.50 [-11.46, 10.46]
Bjorkman- Sweden	-52.3	14.6	22	-55.3	17	33	4.3%	3.00 [-5.42, 11.42]
Muijen- UK2	-42.6	13.3	31	-39.3	14.5	27	5.9%	-3.30 [-10.50, 3.90]
Rosenheck-USA-NP	-45.33	14.72	129	-41.89	12.35	108	25.8%	-3.44 [-6.89, 0.01]
Rosenheck-USA-GMS	-52.76	11.27	221	-48.78	11.69	189	61.4%	-3.98 [-6.21, -1.75]
Subtotal (95% CI)			**433**			**385**	**100.0%**	**-3.41 [-5.16, -1.66]**
Heterogeneity: Tau² = 0.00; Chi² = 2.75, df = 4 (P = 0.60); I² = 0%								
Test for overall effect: Z = 3.82 (P = 0.0001)								
Test for subgroup differences: Chi² = 3.43, df = 2 (P = 0.18), I² = 41.7%								



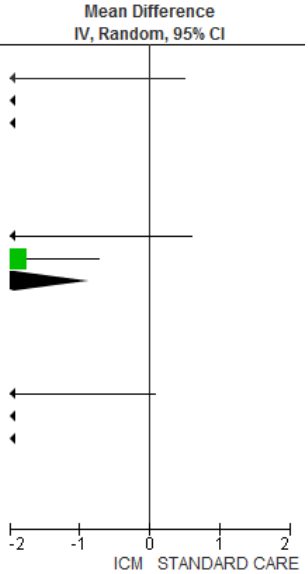
Quality of Life.

Study or Subgroup	INTENSIVE CASE MANAGEMENT Mean	SD	Total	STANDARD CARE Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
1.4.1 by short term								
Lehman- Maryland1	-4.7	1.31	67	-4.17	1.21	58	13.7%	-0.53 [-0.97, -0.09]
Subtotal (95% CI)			**67**			**58**	**13.7%**	**-0.53 [-0.97, -0.09]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.35 (P = 0.02)								
1.4.2 by medium term (LQoLP)								
Holloway- UK	-4.33	1.37	26	-4.24	1.17	26	10.1%	-0.09 [-0.78, 0.60]
Subtotal (95% CI)			**26**			**26**	**10.1%**	**-0.09 [-0.78, 0.60]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.25 (P = 0.80)								
1.4.3 by medium term (MANSA)								
Sytema- Netherlands	-4.5	1	45	-4.3	1.2	36	13.0%	-0.20 [-0.69, 0.29]
Subtotal (95% CI)			**45**			**36**	**13.0%**	**-0.20 [-0.69, 0.29]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.80 (P = 0.42)								
1.4.4 by long term (LQoLP)								
Holloway- UK	-4.54	1.59	25	-4.45	1.14	25	9.2%	-0.09 [-0.86, 0.68]
Bjorkman- Sweden	-4.6	0.7	29	-4.9	0.7	34	15.2%	0.30 [-0.05, 0.65]
Subtotal (95% CI)			**54**			**59**	**24.3%**	**0.23 [-0.08, 0.55]**
Heterogeneity: Tau² = 0.00; Chi² = 0.82, df = 1 (P = 0.36); I² = 0%								
Test for overall effect: Z = 1.45 (P = 0.15)								
1.4.5 by long term (QOLI)								
Shern- USA1	-1.19	1.99	91	0.02	1.65	77	12.1%	-1.21 [-1.76, -0.66]
Marshall- UK	-4.91	1.03	31	-4.96	0.9	27	12.9%	0.05 [-0.45, 0.55]
Ford- UK	-3.2	0.6	36	-3	1.22	38	13.8%	-0.20 [-0.63, 0.23]
Subtotal (95% CI)			**158**			**142**	**38.8%**	**-0.44 [-1.14, 0.26]**
Heterogeneity: Tau² = 0.32; Chi² = 12.27, df = 2 (P = 0.002); I² = 84%								
Test for overall effect: Z = 1.23 (P = 0.22)								
Total (95% CI)			**350**			**321**	**100.0%**	**-0.24 [-0.57, 0.09]**
Heterogeneity: Tau² = 0.15; Chi² = 24.17, df = 7 (P = 0.001); I² = 71%								
Test for overall effect: Z = 1.42 (P = 0.16)								
Test for subgroup differences: Chi² = 8.98, df = 4 (P = 0.06), I² = 55.5%								



Participant Satisfaction

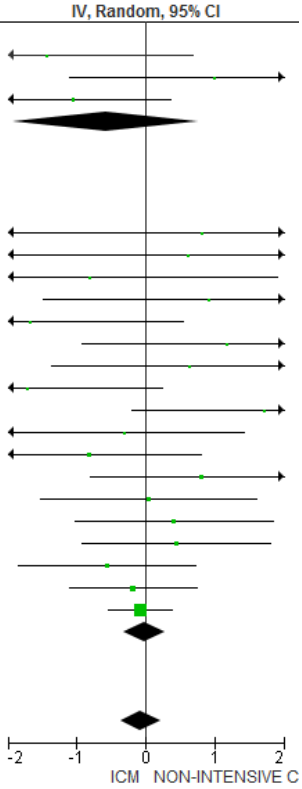
Study or Subgroup	INTENSIVE CASE MANAGEMENT Mean	SD	Total	STANDARD CARE Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
1.5.1 by short term								
Muijen- UK2	-26	5.4	30	-22	7.5	13	38.9%	-4.00 [-8.51, 0.51]
Audini- UK	-27.6	3.9	31	-21.4	9.3	30	61.1%	-6.20 [-9.80, -2.60]
Subtotal (95% CI)			**61**			**43**	**100.0%**	**-5.34 [-8.16, -2.53]**
Heterogeneity: Tau² = 0.00; Chi² = 0.56, df = 1 (P = 0.46); I² = 0%								
Test for overall effect: Z = 3.72 (P = 0.0002)								
1.5.2 by medium term								
Sytema- Netherlands	-22.6	4.5	45	-20.5	7.2	36	16.0%	-2.10 [-4.79, 0.59]
OPUS- Denmark	-24.9	4.5	227	-23	7.2	192	84.0%	-1.90 [-3.07, -0.73]
Subtotal (95% CI)			**272**			**228**	**100.0%**	**-1.93 [-3.01, -0.86]**
Heterogeneity: Tau² = 0.00; Chi² = 0.02, df = 1 (P = 0.89); I² = 0%								
Test for overall effect: Z = 3.52 (P = 0.0004)								
1.5.3 by long term								
Audini- UK	-26.6	4.8	28	-22.9	8.7	26	5.8%	-3.70 [-7.49, 0.09]
OPUS- Denmark	-26.1	3.7	205	-22.9	5.2	164	94.2%	-3.20 [-4.14, -2.26]
Subtotal (95% CI)			**233**			**190**	**100.0%**	**-3.23 [-4.14, -2.31]**
Heterogeneity: Tau² = 0.00; Chi² = 0.06, df = 1 (P = 0.80); I² = 0%								
Test for overall effect: Z = 6.91 (P < 0.00001)								
Test for subgroup differences: Chi² = 6.47, df = 2 (P = 0.04), I² = 69.1%								



7.2 Intensive case management (CM) compared with non-intensive case management (NICM)

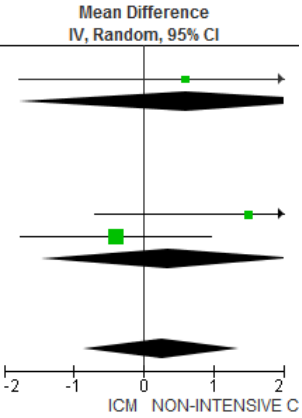
Average number of days in hospital per month- by about 24 months.

Study or Subgroup	INTENSIVE CASE MANAGEMENT Mean	SD	Total	NON-INTENSIVE CM Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
2.1.1 skewed data (sample size > 200)								
Essock-Connecticut1	2.87	7.82	130	4.3	9.52	132	1.9%	-1.43 [-3.54, 0.68]
REACT- UK	9	8.9	124	8	7.8	119	1.9%	1.00 [-1.10, 3.10]
UK700- UK (D)	2.74	4.69	91	3.79	5.22	98	4.2%	-1.05 [-2.46, 0.36]
Subtotal (95% CI)			**345**			**349**	**8.0%**	**-0.58 [-1.93, 0.76]**
Heterogeneity: Tau² = 0.54; Chi² = 3.20, df = 2 (P = 0.20); I² = 38%								
Test for overall effect: Z = 0.85 (P = 0.39)								
2.1.2 skewed data (sample size < 200)								
Drake-NHamp (F)	1.66	4.49	10	0.84	2.33	13	0.9%	0.82 [-2.24, 3.88]
Drake-NHamp (C)	2.28	3.2	10	1.67	3.84	12	1.0%	0.61 [-2.33, 3.55]
Bush- Georgia	1.58	3.46	14	2.39	3.85	14	1.1%	-0.81 [-3.52, 1.90]
Johnston- Australia	4	5.75	35	3.08	4.3	33	1.5%	0.92 [-1.48, 3.32]
Drake-NHamp (A)	0.5	0.94	7	2.17	3.21	9	1.7%	-1.67 [-3.88, 0.54]
Drake-NHamp (G)	2.05	3.06	9	0.87	0.92	8	1.9%	1.18 [-0.92, 3.28]
McDonel- Indiana (B)	1.22	3.66	14	0.58	1.29	17	2.1%	0.64 [-1.37, 2.65]
Quinlivan- California	1.09	2.65	30	2.8	4.74	30	2.2%	-1.71 [-3.65, 0.23]
McDonel- Indiana (A)	3.15	7.1	61	1.43	2.91	64	2.3%	1.72 [-0.20, 3.64]
Drake-NHamp (E)	1.08	4.15	30	1.39	2.36	27	2.8%	-0.31 [-2.04, 1.42]
Harrison-Read- UK	2.94	5.74	97	3.76	5.83	96	3.2%	-0.82 [-2.45, 0.81]
UK700- UK (C)	3.29	5.41	76	2.48	4.71	75	3.2%	0.81 [-0.81, 2.43]
UK700- UK (B)	3.2	4.79	77	3.16	4.97	73	3.4%	0.04 [-1.52, 1.60]
Drake-NHamp (D)	1.04	2.44	13	0.63	0.91	11	4.1%	0.41 [-1.02, 1.84]
UK700- UK (A)	3.08	5.77	94	2.64	3.49	95	4.5%	0.44 [-0.92, 1.80]
Drake-NHamp (B)	0.85	1.43	16	1.41	2.06	14	5.1%	-0.56 [-1.85, 0.73]
Salkever- SCarolina	1.12	3.01	91	1.3	2.51	53	10.0%	-0.18 [-1.10, 0.74]
Essock-Connecticut2	0.64	1.9	99	0.72	1.3	99	40.9%	-0.08 [-0.53, 0.37]
Subtotal (95% CI)			**783**			**743**	**92.0%**	**-0.03 [-0.33, 0.28]**
Heterogeneity: Tau² = 0.00; Chi² = 14.95, df = 17 (P = 0.60); I² = 0%								
Test for overall effect: Z = 0.17 (P = 0.87)								
Total (95% CI)			**1128**			**1092**	**100.0%**	**-0.08 [-0.37, 0.21]**
Heterogeneity: Tau² = 0.00; Chi² = 19.47, df = 20 (P = 0.49); I² = 0%								
Test for overall effect: Z = 0.51 (P = 0.61)								
Test for subgroup differences: Chi² = 0.63, df = 1 (P = 0.43), I² = 0%								



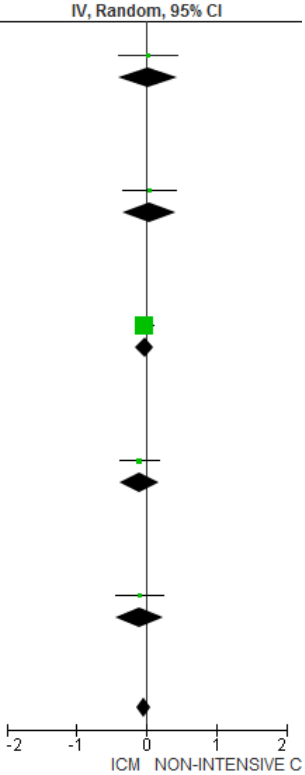
Functioning

Study or Subgroup	INTENSIVE CASE MANAGEMENT Mean	SD	Total	NON-INTENSIVE CM Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
2.3.1 by medium term								
Harrison-Read- UK	12	6.8	54	11.4	6.4	64	20.3%	0.60 [-1.80, 3.00]
Subtotal (95% CI)			**54**			**64**	**20.3%**	**0.60 [-1.80, 3.00]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.49 (P = 0.62)								
2.3.2 by long term								
Harrison-Read- UK	11.9	5.9	60	10.4	6.4	59	23.6%	1.50 [-0.71, 3.71]
REACT- UK	8.6	4.8	124	9	5.9	115	56.0%	-0.40 [-1.77, 0.97]
Subtotal (95% CI)			**184**			**174**	**79.7%**	**0.34 [-1.47, 2.16]**
Heterogeneity: Tau² = 0.92; Chi² = 2.05, df = 1 (P = 0.15); I² = 51%								
Test for overall effect: Z = 0.37 (P = 0.71)								
Total (95% CI)			**238**			**238**	**100.0%**	**0.25 [-0.86, 1.36]**
Heterogeneity: Tau² = 0.08; Chi² = 2.17, df = 2 (P = 0.34); I² = 8%								
Test for overall effect: Z = 0.45 (P = 0.66)								
Test for subgroup differences: Chi² = 0.03, df = 1 (P = 0.87), I² = 0%								



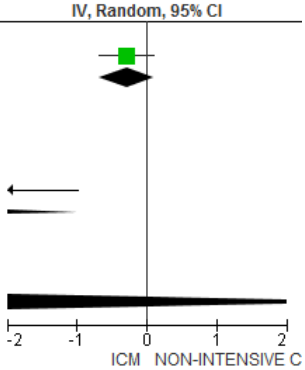
Quality of Life.

Study or Subgroup	INTENSIVE CASE MANAGEMENT Mean	SD	Total	NON-INTENSIVE CM Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
2.4.1 by short term								
Drake- NHamp	-4.29	1.6	105	-4.31	1.41	98	6.0%	0.02 [-0.39, 0.43]
Subtotal (95% CI)			**105**			**98**	**6.0%**	**0.02 [-0.39, 0.43]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.09 (P = 0.92)								
2.4.2 by medium term								
Drake- NHamp	-4.3	1.45	105	-4.34	1.37	98	6.9%	0.04 [-0.35, 0.43]
Subtotal (95% CI)			**105**			**98**	**6.9%**	**0.04 [-0.35, 0.43]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.20 (P = 0.84)								
2.4.3 by long term (LQoL)								
UK700-UK	-4.58	0.71	274	-4.55	0.75	252	66.2%	-0.03 [-0.16, 0.10]
Subtotal (95% CI)			**274**			**252**	**66.2%**	**-0.03 [-0.16, 0.10]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.47 (P = 0.64)								
2.4.4 by long term (MANSA)								
REACT- UK	-4.5	1	91	-4.4	0.9	75	12.4%	-0.10 [-0.39, 0.19]
Subtotal (95% CI)			**91**			**75**	**12.4%**	**-0.10 [-0.39, 0.19]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.68 (P = 0.50)								
2.4.5 by long term- overall life satisfaction (QOLI)								
Drake- NHamp	-4.56	1.23	105	-4.46	1.29	98	8.6%	-0.10 [-0.45, 0.25]
Subtotal (95% CI)			**105**			**98**	**8.6%**	**-0.10 [-0.45, 0.25]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.56 (P = 0.57)								
Total (95% CI)			**680**			**621**	**100.0%**	**-0.04 [-0.14, 0.06]**
Heterogeneity: Tau² = 0.00; Chi² = 0.54, df = 4 (P = 0.97); I² = 0%								
Test for overall effect: Z = 0.71 (P = 0.48)								
Test for subgroup differences: Chi² = 0.54, df = 4 (P = 0.97), I² = 0%								



Participant Satisfaction.

Study or Subgroup	INTENSIVE CASE MANAGEMENT Mean	SD	Total	NON-INTENSIVE CM Mean	SD	Total	Weight	Mean Difference IV, Random, 95% CI
2.5.1 by long term- Patient need (CAN)								
UK700-UK	1.84	2.18	306	2.13	2.68	279	60.5%	-0.29 [-0.69, 0.11]
Subtotal (95% CI)			**306**			**279**	**60.5%**	**-0.29 [-0.69, 0.11]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.43 (P = 0.15)								
2.5.2 by long term- (CSQ-modified)								
REACT- UK	-77.2	20	91	-70	20.6	75	39.5%	-7.20 [-13.41, -0.99]
Subtotal (95% CI)			**91**			**75**	**39.5%**	**-7.20 [-13.41, -0.99]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.27 (P = 0.02)								
Total (95% CI)			**397**			**354**	**100.0%**	**-3.02 [-9.64, 3.60]**
Heterogeneity: Tau² = 18.83; Chi² = 4.73, df = 1 (P = 0.03); I² = 79%								
Test for overall effect: Z = 0.89 (P = 0.37)								
Test for subgroup differences: Chi² = 4.73, df = 1 (P = 0.03), I² = 78.9%								

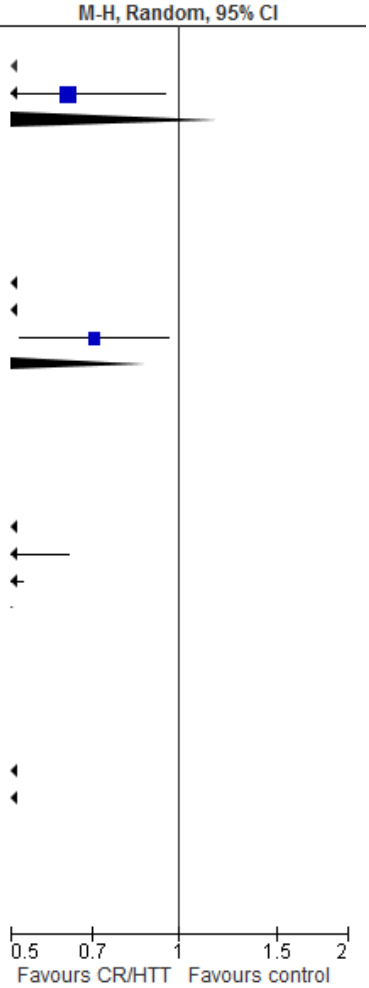


8. CRISIS RESOLUTION AND HOME TREATMENT TEAMS (CRHTT)

8.1 CRHTT compared with TAU

Service use: Admitted to acute care.

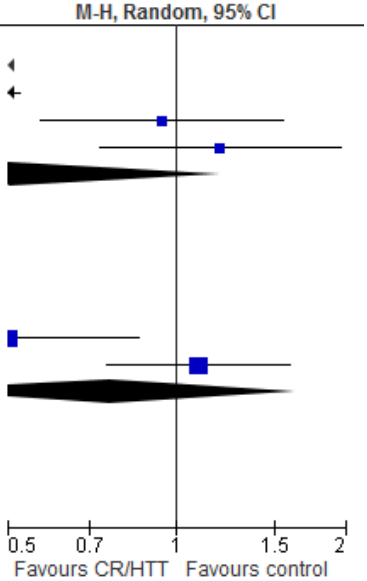
Study or Subgroup	CR/HTT Events	CR/HTT Total	Standard care Events	Standard care Total	Weight	Risk Ratio M-H, Random, 95% CI
1.1.1 by 3 months						
Pasamanick 1964	12	64	54	54	49.3%	0.19 [0.12, 0.32]
Johnson 2005	19	45	28	42	50.7%	0.63 [0.42, 0.95]
Subtotal (95% CI)		**109**		**96**	**100.0%**	**0.35 [0.11, 1.18]**
Total events	31		82			
Heterogeneity: Tau² = 0.70; Chi² = 14.05, df = 1 (P = 0.0002); I² = 93%						
Test for overall effect: Z = 1.69 (P = 0.09)						
1.1.2 by 6 months						
Stein 1975	6	60	54	60	31.0%	0.11 [0.05, 0.24]
Pasamanick 1964	15	64	54	54	34.1%	0.24 [0.16, 0.37]
Johnson 2005	25	45	33	42	34.9%	0.71 [0.52, 0.96]
Subtotal (95% CI)		**169**		**156**	**100.0%**	**0.28 [0.09, 0.88]**
Total events	46		141			
Heterogeneity: Tau² = 0.98; Chi² = 37.56, df = 2 (P < 0.00001); I² = 95%						
Test for overall effect: Z = 2.18 (P = 0.03)						
1.1.3 by 12 months						
Pasamanick 1964	19	64	54	54	26.5%	0.30 [0.21, 0.44]
Hoult 1983	28	60	58	60	36.5%	0.48 [0.37, 0.64]
Fenton 1979	31	78	84	84	36.9%	0.40 [0.31, 0.53]
Subtotal (95% CI)		**202**		**198**	**100.0%**	**0.40 [0.31, 0.51]**
Total events	78		196			
Heterogeneity: Tau² = 0.02; Chi² = 4.01, df = 2 (P = 0.13); I² = 50%						
Test for overall effect: Z = 7.30 (P < 0.00001)						
1.1.4 by 24 months						
Pasamanick 1964	20	64	54	54	100.0%	0.32 [0.22, 0.46]
Subtotal (95% CI)		**64**		**54**	**100.0%**	**0.32 [0.22, 0.46]**
Total events	20		54			
Heterogeneity: Not applicable						
Test for overall effect: Z = 6.25 (P < 0.00001)						



Test for subgroup differences: Chi² = 1.26, df = 3 (P = 0.74), I² = 0%

Service use: Readmitted to acute care.

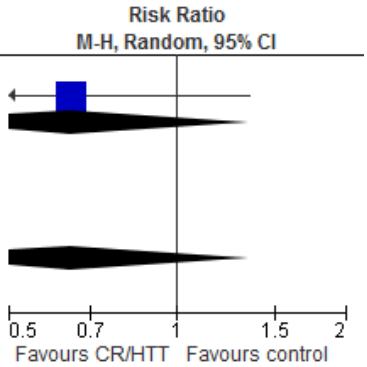
Study or Subgroup	CR/HTT Events	CR/HTT Total	Standard care Events	Standard care Total	Weight	Risk Ratio M-H, Random, 95% CI
1.2.3 by 12 months						
Stein 1975	7	65	40	65	23.5%	0.17 [0.08, 0.36]
Hoult 1983	11	60	37	60	25.1%	0.30 [0.17, 0.53]
Fenton 1979	21	78	24	84	25.7%	0.94 [0.57, 1.55]
Muijen 1992	25	92	22	97	25.7%	1.20 [0.73, 1.97]
Subtotal (95% CI)		**295**		**306**	**100.0%**	**0.51 [0.21, 1.20]**
Total events	64		123			
Heterogeneity: Tau² = 0.69; Chi² = 28.19, df = 3 (P < 0.00001); I² = 89%						
Test for overall effect: Z = 1.55 (P = 0.12)						
1.2.4 by 24 months						
Pasamanick 1964	15	64	25	54	47.0%	0.51 [0.30, 0.86]
Muijen 1992	35	91	34	97	53.0%	1.10 [0.75, 1.60]
Subtotal (95% CI)		**155**		**151**	**100.0%**	**0.76 [0.36, 1.63]**
Total events	50		59			
Heterogeneity: Tau² = 0.25; Chi² = 5.49, df = 1 (P = 0.02); I² = 82%						
Test for overall effect: Z = 0.70 (P = 0.48)						



Test for subgroup differences: Chi² = 0.49, df = 1 (P = 0.48), I² = 0%

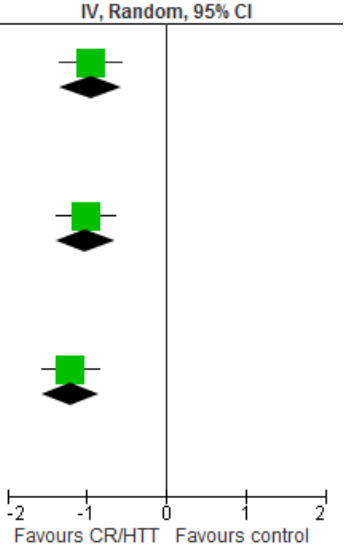
Mental Health Act Admission.

Study or Subgroup	CR/HTT Events	CR/HTT Total	Standard care Events	Standard care Total	Weight	Risk Ratio M-H, Random, 95% CI
1.3.1 by 3 months						
Johnson 2005	9	45	13	42	100.0%	0.65 [0.31, 1.35]
Subtotal (95% CI)		**45**		**42**	**100.0%**	**0.65 [0.31, 1.35]**
Total events	9		13			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.16 (P = 0.25)						
Total (95% CI)		**45**		**42**	**100.0%**	**0.65 [0.31, 1.35]**
Total events	9		13			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.16 (P = 0.25)						
Test for subgroup differences: Not applicable						



Satisfaction -patient: Patient satisfied with care: Satisfaction Scale.

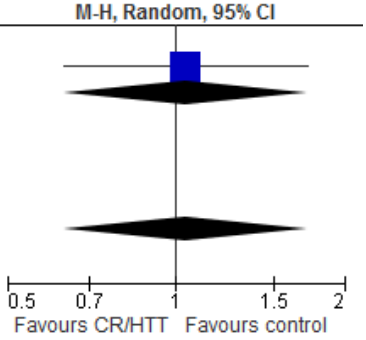
Study or Subgroup	CR/HTT Mean	CR/HTT SD	CR/HTT Total	Standard care Mean	Standard care SD	Standard care Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.4.2 by 6 months								
Muijen 1992	-28.8	5.46	61	-23.7	5.14	54	100.0%	-0.95 [-1.34, -0.57]
Subtotal (95% CI)			**61**			**54**	**100.0%**	**-0.95 [-1.34, -0.57]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 4.83 (P < 0.00001)								
1.4.3 by 12 months								
Muijen 1992	-27.1	3.94	62	-22.3	5.37	59	100.0%	-1.02 [-1.40, -0.64]
Subtotal (95% CI)			**62**			**59**	**100.0%**	**-1.02 [-1.40, -0.64]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 5.25 (P < 0.00001)								
1.4.4 by 20 months								
Muijen 1992	-27.4	2.49	69	-22	5.77	68	100.0%	-1.21 [-1.58, -0.85]
Subtotal (95% CI)			**69**			**68**	**100.0%**	**-1.21 [-1.58, -0.85]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 6.50 (P < 0.00001)								



Test for subgroup differences: Chi² = 1.00, df = 2 (P = 0.61), I² = 0%

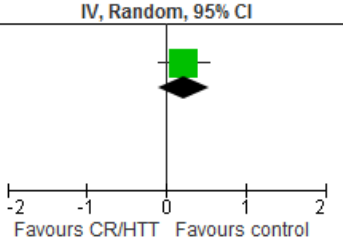
Satisfaction- patient (CSQ).

Study or Subgroup	CR/HTT Events	CR/HTT Total	Standard care Events	Standard care Total	Weight	Risk Ratio M-H, Random, 95% CI
1.5.1 by 3 months (not satisfied with care)						
Johnson 2005	19	45	17	42	100.0%	1.04 [0.63, 1.72]
Subtotal (95% CI)		**45**		**42**	**100.0%**	**1.04 [0.63, 1.72]**
Total events	19		17			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.17 (P = 0.87)						
Total (95% CI)		**45**		**42**	**100.0%**	**1.04 [0.63, 1.72]**
Total events	19		17			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.17 (P = 0.87)						
Test for subgroup differences: Not applicable						



Hospital use: Home or outpatient visits (data likely to be skewed).

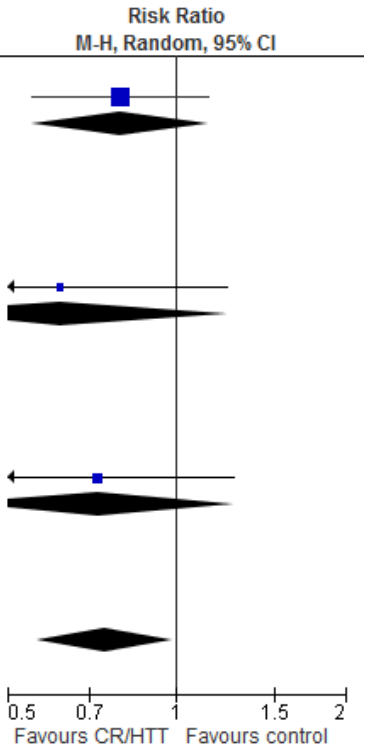
Study or Subgroup	CR/HTT Mean	CR/HTT SD	CR/HTT Total	Standard care Mean	Standard care SD	Standard care Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.6.2 by 12 months								
Fenton 1979	16.5	11.7	76	13	19.2	79	100.0%	0.22 [-0.10, 0.53]
Subtotal (95% CI)			**76**			**79**	**100.0%**	**0.22 [-0.10, 0.53]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.35 (P = 0.18)								



Test for subgroup differences: Not applicable

Service use: Contact with services.

Study or Subgroup	CR/HTT Events	CR/HTT Total	Standard care Events	Standard care Total	Weight	Risk Ratio M-H, Random, 95% CI
1.7.1 Not in contact with GP, by 3 months						
Johnson 2005	23	45	27	42	58.4%	0.80 [0.55, 1.14]
Subtotal (95% CI)		**45**		**42**	**58.4%**	**0.80 [0.55, 1.14]**
Total events	23		27			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.23 (P = 0.22)						
1.7.2 Not in contact with GP, by 6 months						
Johnson 2005	10	45	15	42	16.7%	0.62 [0.31, 1.23]
Subtotal (95% CI)		**45**		**42**	**16.7%**	**0.62 [0.31, 1.23]**
Total events	10		15			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.37 (P = 0.17)						
1.7.3 Emergency Room Visitation, by 6 months						
Johnson 2005	14	45	18	42	24.9%	0.73 [0.42, 1.27]
Subtotal (95% CI)		**45**		**42**	**24.9%**	**0.73 [0.42, 1.27]**
Total events	14		18			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.13 (P = 0.26)						
Total (95% CI)		**135**		**126**	**100.0%**	**0.75 [0.56, 0.99]**
Total events	47		60			
Heterogeneity: Tau² = 0.00; Chi² = 0.42, df = 2 (P = 0.81); I² = 0%						
Test for overall effect: Z = 2.06 (P = 0.04)						
Test for subgroup differences: Chi² = 0.40, df = 2 (P = 0.82), I² = 0%						

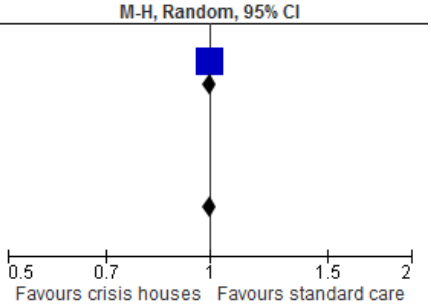


9. CRISIS HOUSES (RECOVERY HOUSES)

9.1 Crisis houses compared with TAU

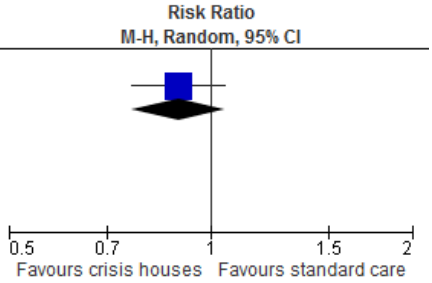
Service use: Admitted to acute care.

Study or Subgroup	Crisis houses Events	Crisis houses Total	Standard care Events	Standard care Total	Weight	Risk Ratio M-H, Random, 95% CI
2.1.1 by 6 months						
Fenton 1998	93	93	92	92	100.0%	1.00 [0.98, 1.02]
Subtotal (95% CI)		**93**		**92**	**100.0%**	**1.00 [0.98, 1.02]**
Total events	93		92			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.00 (P = 1.00)						
Total (95% CI)		**93**		**92**	**100.0%**	**1.00 [0.98, 1.02]**
Total events	93		92			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.00 (P = 1.00)						
Test for subgroup differences: Not applicable						



Hospital Use: Repeat admissions.

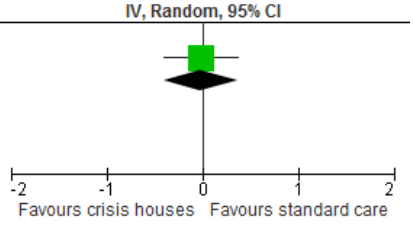
Study or Subgroup	Crisis houses Events	Crisis houses Total	Standard care Events	Standard care Total	Weight	Risk Ratio M-H, Random, 95% CI
2.2.1 by 6 months						
Fenton 1998	67	93	74	92	100.0%	0.90 [0.76, 1.05]
Subtotal (95% CI)		**93**		**92**	**100.0%**	**0.90 [0.76, 1.05]**
Total events	67		74			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.33 (P = 0.18)						



Test for subgroup differences: Not applicable

Hospital use: Days in acute care.

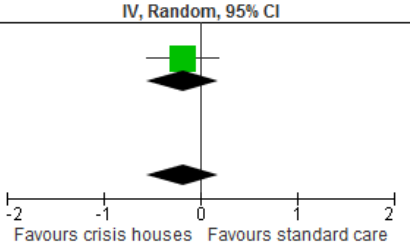
Study or Subgroup	Crisis houses Mean	Crisis houses SD	Crisis houses Total	Standard care Mean	Standard care SD	Standard care Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.3.1 by 6 months								
Fenton 1998	27.39	46.13	61	28.13	45.47	47	100.0%	-0.02 [-0.40, 0.36]
Subtotal (95% CI)			**61**			**47**	**100.0%**	**-0.02 [-0.40, 0.36]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.08 (P = 0.93)								



Test for subgroup differences: Not applicable

Hospital Use: Number of repeat admissions per participant.

Study or Subgroup	Crisis houses Mean	Crisis houses SD	Crisis houses Total	Standard care Mean	Standard care SD	Standard care Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.4.1 By 6 months								
Fenton 1998	1.3	1.88	63	1.77	3.32	48	100.0%	-0.18 [-0.56, 0.20]
Subtotal (95% CI)			**63**			**48**	**100.0%**	**-0.18 [-0.56, 0.20]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.93 (P = 0.35)								
Total (95% CI)			**63**			**48**	**100.0%**	**-0.18 [-0.56, 0.20]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.93 (P = 0.35)								
Test for subgroup differences: Not applicable								



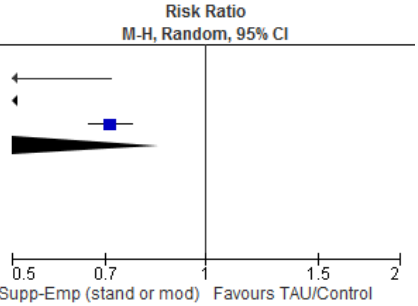
10. VOCATIONAL REHABILITATION

10.1 Supported Employment compared with TAU/Control

Employment (competitive) - end of intervention.

Study or Subgroup	Supp-Emp (stand or mod) Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
2.1.1 NOT in competitive employment						
KILLACKEY2008	7	20	19	21	27.7%	0.39 [0.21, 0.71]
CHANDLER1996	26	95	73	86	34.3%	0.32 [0.23, 0.45]
FREY2011	478	1004	704	1051	38.0%	0.71 [0.66, 0.77]
Subtotal (95% CI)		**1119**		**1158**	**100.0%**	**0.46 [0.25, 0.85]**
Total events	511		796			

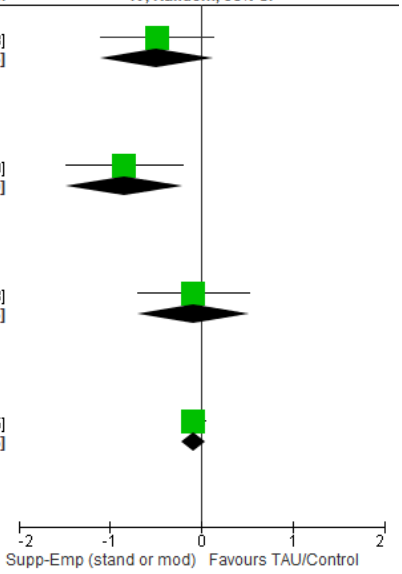
Heterogeneity: Tau² = 0.26; Chi² = 23.29, df = 2 (P < 0.00001); I² = 91%
Test for overall effect: Z = 2.49 (P = 0.01)



Test for subgroup differences: Not applicable

Employment (competitive) - end of intervention.

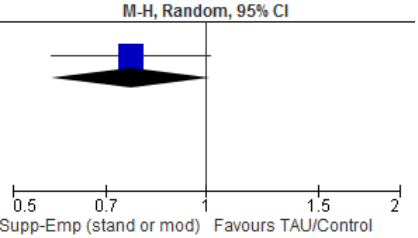
Study or Subgroup	Supp-Emp (stand or mod) Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.2.1 Days/Weeks/Months Worked								
KILLACKEY2008	-8.63	9.22	20	-3.8	10.07	21	100.0%	-0.49 [-1.11, 0.13]
Subtotal (95% CI)			**20**			**21**	**100.0%**	**-0.49 [-1.11, 0.13]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.54 (P = 0.12)								
2.2.2 Hours worked								
KILLACKEY2008	-33.9	15.51	20	-22.5	10.61	21	100.0%	-0.85 [-1.49, -0.20]
Subtotal (95% CI)			**20**			**21**	**100.0%**	**-0.85 [-1.49, -0.20]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.58 (P = 0.010)								
2.2.3 Earnings								
KILLACKEY2008	-4,449	5,067	20	-3,615	12,473	21	100.0%	-0.09 [-0.70, 0.53]
Subtotal (95% CI)			**20**			**21**	**100.0%**	**-0.09 [-0.70, 0.53]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.27 (P = 0.79)								
2.2.4 Time to first job								
FREY2011	-7.74	6.04	526	-7.22	6.16	347	100.0%	-0.09 [-0.22, 0.05]
Subtotal (95% CI)			**526**			**347**	**100.0%**	**-0.09 [-0.22, 0.05]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.23 (P = 0.22)								



Test for subgroup differences: Chi² = 6.49, df = 3 (P = 0.09), I² = 53.8%

Employment (competitive) - > 12 month follow-up.

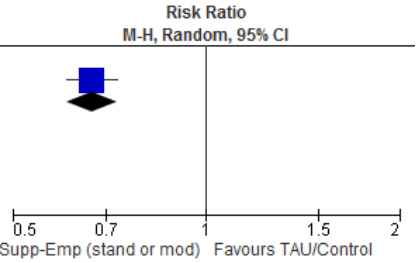
Study or Subgroup	Supp-Emp (stand or mod) Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
2.3.1 NOT in Competitive employment						
OKPAKU1997	36	73	51	79	100.0%	0.76 [0.57, 1.02]
Subtotal (95% CI)		**73**		**79**	**100.0%**	**0.76 [0.57, 1.02]**
Total events	36		51			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.86 (P = 0.06)						



Test for subgroup differences: Not applicable

Occupation (any) - end of intervention.

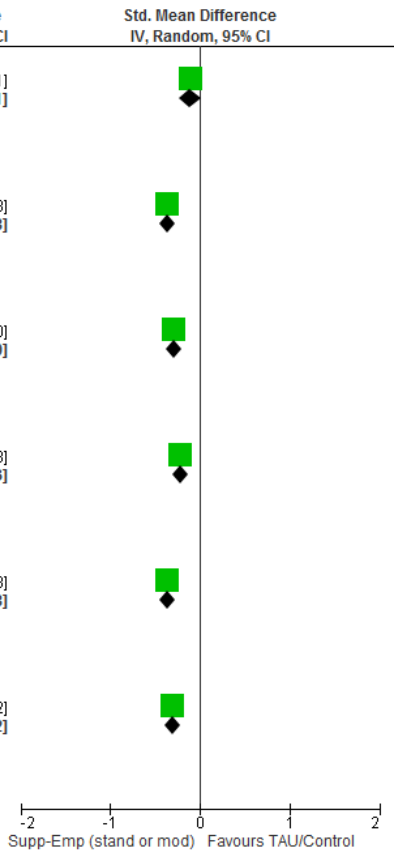
Study or Subgroup	Supp-Emp (stand or mod) Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
2.4.1 NOT in any occupation						
FREY2011	399	1004	628	1051	100.0%	0.67 [0.61, 0.73]
Subtotal (95% CI)		**1004**		**1051**	**100.0%**	**0.67 [0.61, 0.73]**
Total events	399		628			
Heterogeneity: Not applicable						
Test for overall effect: Z = 8.79 (P < 0.00001)						



Test for subgroup differences: Not applicable

Occupation (any) - end of intervention.

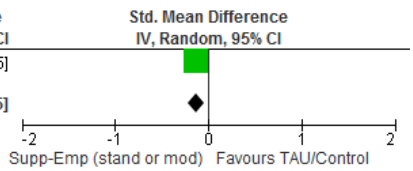
Study or Subgroup	Supp-Emp (stand or mod) Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.5.1 Time to first job								
FREY2011	-7.37	6.17	605	-6.68	6.31	423	100.0%	-0.11 [-0.24, 0.01]
Subtotal (95% CI)			**605**			**423**	**100.0%**	**-0.11 [-0.24, 0.01]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.75 (P = 0.08)								
2.5.2 Days/Weeks/Months worked								
FREY2011	-6.23	7.48	1004	-3.65	6.44	1051	100.0%	-0.37 [-0.46, -0.28]
Subtotal (95% CI)			**1004**			**1051**	**100.0%**	**-0.37 [-0.46, -0.28]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 8.32 (P < 0.00001)								
2.5.3 Weekly Earnings								
FREY2011	-116.58	139.3	1004	-76.04	140.59	1051	100.0%	-0.29 [-0.38, -0.20]
Subtotal (95% CI)			**1004**			**1051**	**100.0%**	**-0.29 [-0.38, -0.20]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 6.53 (P < 0.00001)								
2.5.4 Past 3 months earnings								
FREY2011	-858.6	1,752.36	1004	-478.87	1,698.82	1051	100.0%	-0.22 [-0.31, -0.13]
Subtotal (95% CI)			**1004**			**1051**	**100.0%**	**-0.22 [-0.31, -0.13]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 4.97 (P < 0.00001)								
2.5.5 Hours per week								
FREY2011	-11.93	12.47	1004	-7.64	11.2	1051	100.0%	-0.36 [-0.45, -0.28]
Subtotal (95% CI)			**1004**			**1051**	**100.0%**	**-0.36 [-0.45, -0.28]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 8.14 (P < 0.00001)								
2.5.6 Highest hourly wage								
FREY2011	-7.65	8.77	1004	-5.09	8.12	1051	100.0%	-0.30 [-0.39, -0.22]
Subtotal (95% CI)			**1004**			**1051**	**100.0%**	**-0.30 [-0.39, -0.22]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 6.83 (P < 0.00001)								



Test for subgroup differences: $Chi^2 = 16.45$, df = 5 (P = 0.006), $I^2 = 69.6\%$

Quality of Life - end of intervention.

Study or Subgroup	Supp-Emp (stand or mod) Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
FREY2011	-4.22	1.51	1004	-4.01	1.58	1051	100.0%	-0.14 [-0.22, -0.05]
Total (95% CI)			**1004**			**1051**	**100.0%**	**-0.14 [-0.22, -0.05]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 3.07 (P = 0.002)								

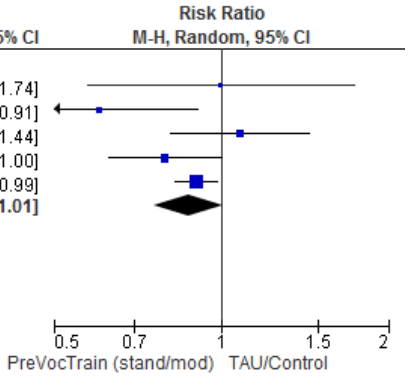


10.2 Pre-vocational training compared with TAU/control

Employment (competitive) - end of intervention.

Study or Subgroup	PreVocTrain (stand/mod) Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
4.1.1 NOT in Competitive employment						
WALKER1969	9	14	9	14	6.1%	1.00 [0.58, 1.74]
KULDAU1977	17	41	33	48	10.0%	0.60 [0.40, 0.91]
DINCIN1982	40	66	37	66	17.0%	1.08 [0.81, 1.44]
BECKER1967	19	25	24	25	22.2%	0.79 [0.63, 1.00]
BLANKERTZ1996	55	61	61	61	44.7%	0.90 [0.83, 0.99]
Subtotal (95% CI)		**207**		**214**	**100.0%**	**0.87 [0.76, 1.01]**
Total events	140		164			

Heterogeneity: Tau² = 0.01; Chi² = 6.58, df = 4 (P = 0.16); I² = 39%
Test for overall effect: Z = 1.84 (P = 0.07)

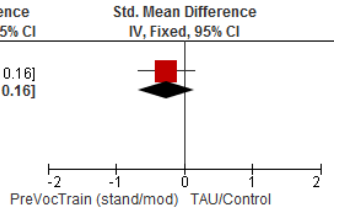


Test for subgroup differences: Not applicable

Employment (competitive) - end of intervention.

Study or Subgroup	Std. Mean Difference	SE	PreVocTrain (stand/mod) Total	TAU/Control Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
4.2.1 Earnings						
KULDAU1977	-0.26045223	0.21355251	41	48	100.0%	-0.26 [-0.68, 0.16]
Subtotal (95% CI)			**41**	**48**	**100.0%**	**-0.26 [-0.68, 0.16]**

Heterogeneity: Not applicable
Test for overall effect: Z = 1.22 (P = 0.22)

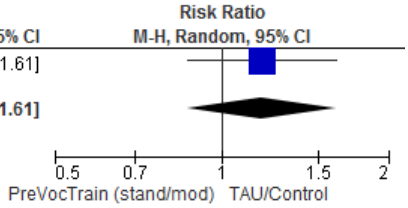


Test for subgroup differences: Not applicable

Employment (competitive)- up to 12 month follow-up.

Study or Subgroup	PreVocTrain (stand/mod) Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
GRIFFITHS1974	13	14	11	14	100.0%	1.18 [0.87, 1.61]
Total (95% CI)		**14**		**14**	**100.0%**	**1.18 [0.87, 1.61]**
Total events	13		11			

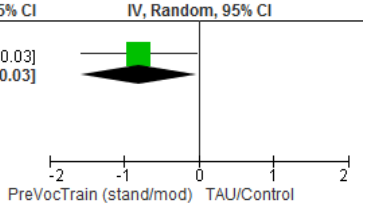
Heterogeneity: Not applicable
Test for overall effect: Z = 1.06 (P = 0.29)



Occupation (any) - end of intervention.

Study or Subgroup	PreVocTrain (stand/mod) Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
4.4.1 Hours worked								
WALKER1969	-723.64286	294.60341	14	-471	315.20079	14	100.0%	-0.80 [-1.58, -0.03]
Subtotal (95% CI)			**14**			**14**	**100.0%**	**-0.80 [-1.58, -0.03]**

Heterogeneity: Not applicable
Test for overall effect: Z = 2.03 (P = 0.04)

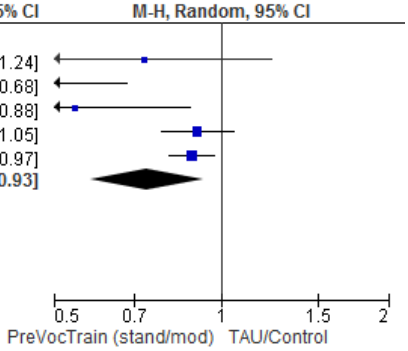


Test for subgroup differences: Not applicable

Occupation (any) - end of intervention.

Study or Subgroup	PreVocTrain (stand/mod) Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
4.5.1 NOT in any occupation						
WALKER1969	8	14	11	14	12.3%	0.73 [0.43, 1.24]
BECKER1967	10	25	24	25	13.6%	0.42 [0.26, 0.68]
KULDAU1977	14	41	30	48	13.9%	0.55 [0.34, 0.88]
BEARD1963	188	274	59	78	29.0%	0.91 [0.78, 1.05]
BLANKERTZ1996	54	61	61	61	31.2%	0.89 [0.81, 0.97]
Subtotal (95% CI)		**415**		**226**	**100.0%**	**0.73 [0.58, 0.93]**
Total events	274		185			

Heterogeneity: Tau² = 0.04; Chi² = 17.74, df = 4 (P = 0.001); I² = 77%
Test for overall effect: Z = 2.58 (P = 0.010)

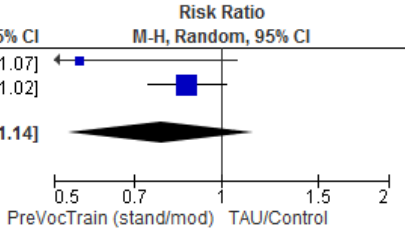


Test for subgroup differences: Not applicable

Occupation (any) - up to 6 month follow-up

Study or Subgroup	PreVocTrain (stand/mod) Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
KLINE1981	5	10	9	10	24.6%	0.56 [0.29, 1.07]
BEARD1963	128	187	48	61	75.4%	0.87 [0.74, 1.02]
Total (95% CI)		**197**		**71**	**100.0%**	**0.78 [0.53, 1.14]**
Total events	133		57			

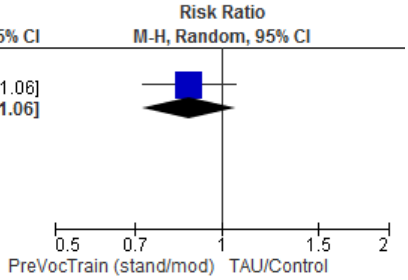
Heterogeneity: Tau² = 0.04; Chi² = 1.74, df = 1 (P = 0.19); I² = 42%
Test for overall effect: Z = 1.28 (P = 0.20)



Occupation (any) - 7-12 month follow-up.

Study or Subgroup	PreVocTrain (stand/mod) Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
4.7.1 NOT employed						
BEARD1963	107	163	39	52	100.0%	0.88 [0.72, 1.06]
Subtotal (95% CI)		**163**		**52**	**100.0%**	**0.88 [0.72, 1.06]**
Total events	107		39			

Heterogeneity: Not applicable
Test for overall effect: Z = 1.36 (P = 0.17)

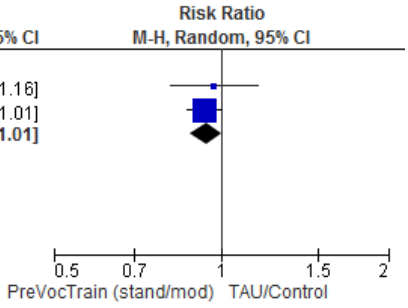


Test for subgroup differences: Not applicable

Education, attendance - end of intervention.

Study or Subgroup	PreVocTrain (stand/mod) Events	Total	TAU/Control Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
4.15.1 NOT attending						
KULDAU1977	34	41	41	48	14.0%	0.97 [0.81, 1.16]
BLANKERTZ1996	57	61	61	61	86.0%	0.93 [0.87, 1.01]
Subtotal (95% CI)		**102**		**109**	**100.0%**	**0.94 [0.88, 1.01]**
Total events	91		102			

Heterogeneity: Tau² = 0.00; Chi² = 0.21, df = 1 (P = 0.64); I² = 0%
Test for overall effect: Z = 1.79 (P = 0.07)

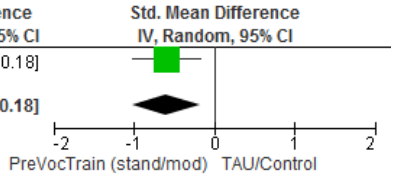


Test for subgroup differences: Not applicable

Quality of Life - end of intervention.

Study or Subgroup	PreVocTrain (stand/mod) Mean	SD	Total	TAU/Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
BIO2011	-80.7	16.6	47	-69.2	21.5	44	100.0%	-0.60 [-1.02, -0.18]
Total (95% CI)			**47**			**44**	**100.0%**	**-0.60 [-1.02, -0.18]**

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

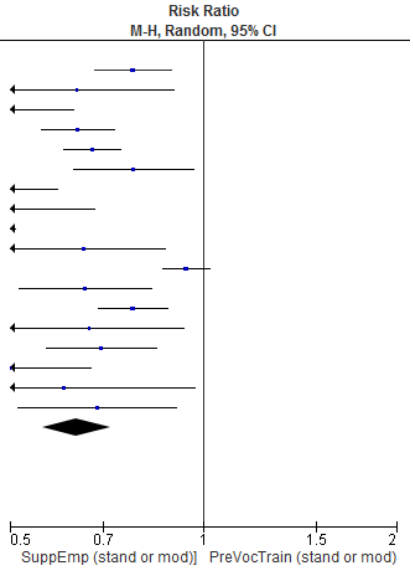


10.3 Supported Employment compared with pre-vocational training

Employment (competitive) - end of intervention.

Study or Subgroup	SuppEmp (stand or mod) Events	Total	PreVocTrain (stand or mod) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
1.1.1 NOT in competitive employment						
BOND1986	49	64	66	67	6.9%	0.78 [0.68, 0.89]
BOND1995	21	43	33	43	4.7%	0.64 [0.45, 0.90]
BOND2007	31	100	68	100	5.0%	0.46 [0.33, 0.63]
BURNS2007	95	156	149	156	7.0%	0.64 [0.56, 0.73]
COOK2005	289	648	415	625	7.2%	0.67 [0.61, 0.74]
DRAKE1994	46	74	55	69	6.2%	0.78 [0.63, 0.97]
DRAKE1999	31	76	69	76	5.4%	0.45 [0.34, 0.59]
GERVEY1994	6	22	10	12	2.1%	0.33 [0.16, 0.68]
GOLD2006	24	77	57	66	4.7%	0.36 [0.26, 0.51]
HOFFMAN2012	25	46	45	54	5.3%	0.65 [0.49, 0.87]
HOWARD2010	96	109	103	110	7.3%	0.94 [0.86, 1.02]
LATIMER2006	40	75	61	75	5.9%	0.66 [0.52, 0.83]
LEHMAN2002	82	113	99	106	7.0%	0.78 [0.69, 0.88]
MCFARLANE2000	20	37	26	32	4.8%	0.67 [0.47, 0.94]
MUESER2002	43	68	61	67	6.3%	0.69 [0.57, 0.85]
TSANG2009	26	56	51	55	5.3%	0.50 [0.37, 0.67]
TWAMLEY2012	13	30	20	28	3.6%	0.61 [0.38, 0.97]
WONG2008	26	46	38	46	5.4%	0.68 [0.51, 0.91]
Subtotal (95% CI)		**1840**		**1787**	**100.0%**	**0.63 [0.56, 0.72]**
Total events	963		1426			

Heterogeneity: Tau² = 0.05; Chi² = 114.57, df = 17 (P < 0.00001); I² = 85%
Test for overall effect: Z = 7.28 (P < 0.00001)

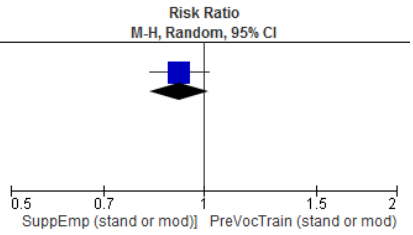


Test for subgroup differences: Not applicable

Employment (competitive)- up to 12 month follow-up.

Study or Subgroup	SuppEmp (stand or mod) Events	Total	PreVocTrain (stand or mod) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
1.3.1 NOT in competitive employment						
HOWARD2010	90	109	99	110	100.0%	0.92 [0.82, 1.02]
Subtotal (95% CI)		**109**		**110**	**100.0%**	**0.92 [0.82, 1.02]**
Total events	90		99			

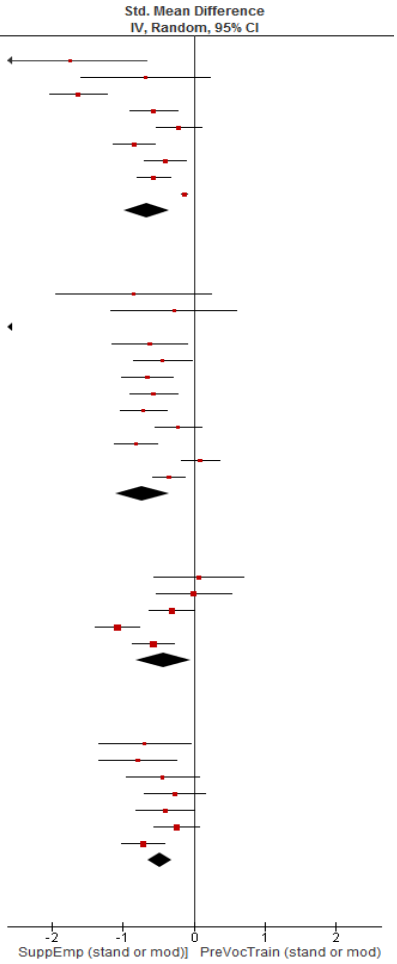
Heterogeneity: Not applicable
Test for overall effect: Z = 1.59 (P = 0.11)



Test for subgroup differences: Not applicable

Employment (competitive) - end of intervention.

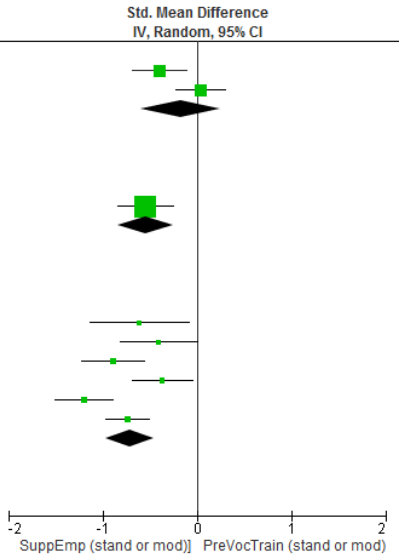
Study or Subgroup	Std. Mean Difference	SE	SuppEmp (stand or mod) Total	PreVocTrain (stand or mod) Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.4.1 Hours Worked						
HOFFMAN2012	-1.73	0.54336	11	9	5.5%	-1.73 [-2.79, -0.67]
HOWARD2010	-0.67711	0.46403	16	7	6.6%	-0.68 [-1.59, 0.23]
BOND1986	-1.6219027	0.20621426	62	63	11.5%	-1.62 [-2.03, -1.22]
GOLD2006	-0.56377	0.171026	77	66	12.2%	-0.56 [-0.90, -0.23]
LATIMER2006	-0.21	0.16581	75	74	12.3%	-0.21 [-0.53, 0.11]
MUESER2002	-0.84	0.15306	68	136	12.5%	-0.84 [-1.14, -0.54]
BOND2007	-0.4	0.14795	91	95	12.6%	-0.40 [-0.69, -0.11]
BURNS2007	-0.56	0.12244	143	138	13.0%	-0.56 [-0.80, -0.32]
COOK2005	-0.13	0.02	650	623	14.0%	-0.13 [-0.17, -0.09]
Subtotal (95% CI)			**1193**	**1211**	**100.0%**	**-0.67 [-0.98, -0.35]**
Heterogeneity: Tau² = 0.19; Chi² = 99.92, df = 8 (P < 0.00001); I² = 92%						
Test for overall effect: Z = 4.09 (P < 0.0001)						
1.4.2 Earnings						
HOWARD2010	-0.84476	0.557854	7	0	5.4%	-0.84 [-1.94, 0.25]
HOFFMAN2012	-0.28	0.45153	11	9	6.3%	-0.28 [-1.16, 0.60]
TSANG2009	-3.6645	0.3143	56	55	7.7%	-3.66 [-4.28, -3.05]
TWAMLEY2012	-0.62	0.27	30	28	8.2%	-0.62 [-1.15, -0.09]
WONG2008	-0.44	0.21173	46	46	8.7%	-0.44 [-0.85, -0.03]
BOND1986	-0.6548492	0.18362287	62	63	8.9%	-0.65 [-1.01, -0.29]
GOLD2006	-0.56377	0.171026	77	66	9.0%	-0.56 [-0.90, -0.23]
DRAKE1999	-0.71	0.168367	74	76	9.0%	-0.71 [-1.04, -0.38]
LATIMER2006	-0.22	0.165836	73	0	9.1%	-0.22 [-0.55, 0.11]
MUESER2002	-0.81	0.155612	68	136	9.1%	-0.81 [-1.11, -0.51]
LEHMAN2002	0.09	0.135204	113	106	9.3%	0.09 [-0.17, 0.35]
COOK2005	-0.35	0.117346	650	623	9.4%	-0.35 [-0.58, -0.12]
Subtotal (95% CI)			**1267**	**1208**	**100.0%**	**-0.73 [-1.10, -0.35]**
Heterogeneity: Tau² = 0.38; Chi² = 132.07, df = 11 (P < 0.00001); I² = 92%						
Test for overall effect: Z = 3.76 (P = 0.0002)						
1.4.4 Longest job worked						
LEHMAN2002	0.07	0.32397959	47	12	15.4%	0.07 [-0.56, 0.70]
GOLD2006	-0.00339	0.26968	20	42	17.6%	-0.00 [-0.53, 0.53]
LATIMER2006	-0.31	0.16581633	75	74	22.0%	-0.31 [-0.63, 0.01]
MUESER2002	-1.07	0.15816326	68	136	22.3%	-1.07 [-1.38, -0.76]
BOND2007	-0.57	0.14795918	92	95	22.7%	-0.57 [-0.86, -0.28]
Subtotal (95% CI)			**302**	**359**	**100.0%**	**-0.43 [-0.82, -0.04]**
Heterogeneity: Tau² = 0.15; Chi² = 20.69, df = 4 (P = 0.0004); I² = 81%						
Test for overall effect: Z = 2.14 (P = 0.03)						
1.4.5 Time to first job						
LEHMAN2002	-0.69	0.32908163	47	12	6.6%	-0.69 [-1.33, -0.05]
GOLD2006	-0.78503	0.278463	20	44	9.0%	-0.79 [-1.33, -0.24]
TWAMLEY2012	-0.44	0.26	30	28	10.1%	-0.44 [-0.95, 0.07]
BOND2007	-0.27	0.21683674	69	32	13.9%	-0.27 [-0.69, 0.15]
WONG2008	-0.4	0.21173469	46	46	14.4%	-0.40 [-0.81, 0.01]
LATIMER2006	-0.24	0.16326531	75	74	21.9%	-0.24 [-0.56, 0.08]
MUESER2002	-0.71	0.15306122	68	136	24.1%	-0.71 [-1.01, -0.41]
Subtotal (95% CI)			**355**	**372**	**100.0%**	**-0.48 [-0.65, -0.31]**
Heterogeneity: Tau² = 0.01; Chi² = 7.13, df = 6 (P = 0.31); I² = 16%						
Test for overall effect: Z = 5.46 (P < 0.00001)						



Test for subgroup differences: Chi² = 2.32, df = 3 (P = 0.51), I² = 0%

Employment (competitive) - end of intervention.

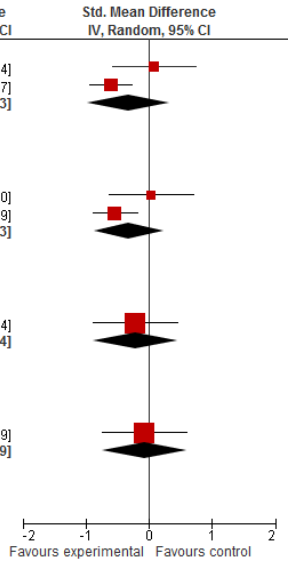
Study or Subgroup	SuppEmp (stand or mod) Mean	SD	Total	PreVocTrain (stand or mod) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.5.1 Duration								
BOND2007	-32.3	39.5	92	-16.33	41.23	95	49.1%	-0.39 [-0.68, -0.10]
LEHMAN2002	-14.38	19.88	113	-15.54	33.67	106	50.9%	0.04 [-0.22, 0.31]
Subtotal (95% CI)			**205**			**201**	**100.0%**	**-0.17 [-0.60, 0.26]**
Heterogeneity: Tau² = 0.07; Chi² = 4.74, df = 1 (P = 0.03); I² = 79%								
Test for overall effect: Z = 0.79 (P = 0.43)								
1.5.6 Number of jobs								
BOND2007	-1.26	1.05	91	-0.65	1.18	95	100.0%	-0.54 [-0.84, -0.25]
Subtotal (95% CI)			**91**			**95**	**100.0%**	**-0.54 [-0.84, -0.25]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 3.64 (P = 0.0003)								
1.5.7 Days/weeks worked								
TWAMLEY2012	-10.5	13.5	30	-3.61	7.8	28	11.9%	-0.61 [-1.14, -0.08]
WONG2008	-136	161	46	-74	141	46	14.9%	-0.41 [-0.82, 0.01]
DRAKE1999	-15.1	21.51	74	-1.2	5.23	76	17.2%	-0.89 [-1.22, -0.55]
LATIMER2006	-6.9	12.7	75	-2.9	8.5	74	17.6%	-0.37 [-0.69, -0.04]
MUESER2002	-29.72	33.18	68	-4.425294	10.71126	136	17.9%	-1.20 [-1.51, -0.88]
BURNS2007	-130.3	174.12	154	-30.5	80.7	152	20.4%	-0.73 [-0.96, -0.50]
Subtotal (95% CI)			**447**			**512**	**100.0%**	**-0.72 [-0.97, -0.46]**
Heterogeneity: Tau² = 0.07; Chi² = 16.78, df = 5 (P = 0.005); I² = 70%								
Test for overall effect: Z = 5.52 (P < 0.00001)								



Test for subgroup differences: Chi² = 4.62, df = 2 (P = 0.10), I² = 56.7%

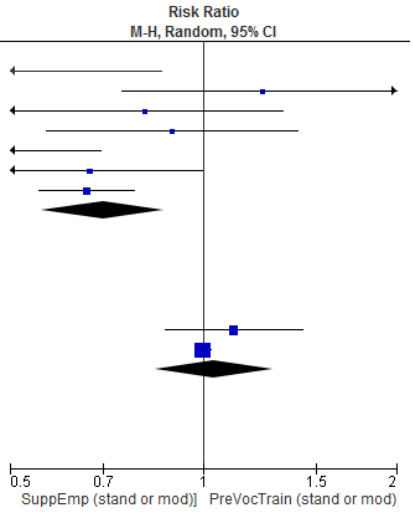
Employment (competitive) - >12 months follow-up.

Study or Subgroup	Std. Mean Difference	SE	SuppEmp (stand or mod) Total	PreVocTrain (stand or mod) Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.6.1 Hours Worked						
MUESER2005	0.08	0.33928	17	18	40.7%	0.08 [-0.58, 0.74]
DRAKE1994	-0.6	0.17	73	67	59.3%	-0.60 [-0.93, -0.27]
Subtotal (95% CI)			**90**	**85**	**100.0%**	**-0.32 [-0.98, 0.33]**
Heterogeneity: Tau² = 0.16; Chi² = 3.21, df = 1 (P = 0.07); I² = 69%						
Test for overall effect: Z = 0.97 (P = 0.33)						
1.6.2 Earnings						
MUESER2005	0.04	0.339285	17	18	37.7%	0.04 [-0.62, 0.70]
DRAKE1994	-0.54	0.179	73	67	62.3%	-0.54 [-0.89, -0.19]
Subtotal (95% CI)			**90**	**85**	**100.0%**	**-0.32 [-0.87, 0.23]**
Heterogeneity: Tau² = 0.09; Chi² = 2.29, df = 1 (P = 0.13); I² = 56%						
Test for overall effect: Z = 1.14 (P = 0.25)						
1.6.3 Days/weeks worked						
MUESER2005	-0.22	0.339	17	18	100.0%	-0.22 [-0.88, 0.44]
Subtotal (95% CI)			**17**	**18**	**100.0%**	**-0.22 [-0.88, 0.44]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.65 (P = 0.52)						
1.6.4 Number of jobs						
MUESER2005	-0.07	0.339	17	18	100.0%	-0.07 [-0.73, 0.59]
Subtotal (95% CI)			**17**	**18**	**100.0%**	**-0.07 [-0.73, 0.59]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.21 (P = 0.84)						



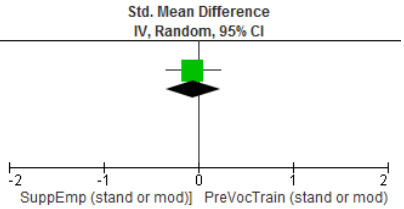
Occupation (any)- end of intervention.

Study or Subgroup	SuppEmp (stand or mod) Events	Total	PreVocTrain (stand or mod) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
1.7.3 NOT in any occupation (paid/unpaid/competitive/uncompetitive)						
TWAMLEY2012	9	30	18	28	9.0%	0.47 [0.25, 0.86]
GOLD2006	26	77	18	66	11.7%	1.24 [0.75, 2.05]
MCFARLANE2000	16	37	17	32	12.0%	0.81 [0.50, 1.33]
BOND2007	26	100	29	100	13.3%	0.90 [0.57, 1.41]
MUESER2002	17	68	76	136	13.7%	0.45 [0.29, 0.69]
LATIMER2006	24	75	36	75	14.9%	0.67 [0.44, 1.00]
LEHMAN2002	66	113	94	106	25.4%	0.66 [0.56, 0.78]
Subtotal (95% CI)		**500**		**543**	**100.0%**	**0.70 [0.56, 0.87]**
Total events	184		288			
Heterogeneity: Tau² = 0.04; Chi² = 12.52, df = 6 (P = 0.05); I² = 52%						
Test for overall effect: Z = 3.20 (P = 0.001)						
1.7.4 NOT in volunteer employment						
MCFARLANE2000	31	37	24	32	35.0%	1.12 [0.87, 1.43]
BOND2007	91	92	94	95	65.0%	1.00 [0.97, 1.03]
Subtotal (95% CI)		**129**		**127**	**100.0%**	**1.04 [0.84, 1.28]**
Total events	122		118			
Heterogeneity: Tau² = 0.02; Chi² = 3.23, df = 1 (P = 0.07); I² = 69%						
Test for overall effect: Z = 0.36 (P = 0.72)						



Occupation (any) - end of intervention.

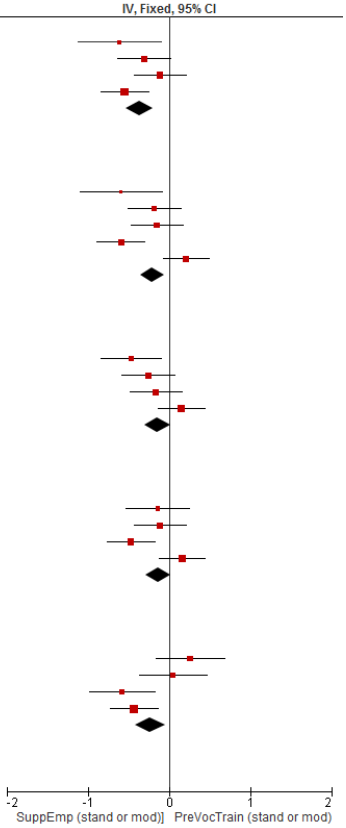
Study or Subgroup	SuppEmp (stand or mod) Mean	SD	Total	PreVocTrain (stand or mod) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
1.8.5 Number of jobs								
BOND2007	-1.47	1.12	91	-1.4	1.35	95	100.0%	-0.06 [-0.34, 0.23]
Subtotal (95% CI)			**91**			**95**	**100.0%**	**-0.06 [-0.34, 0.23]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.38 (P = 0.70)								



Test for subgroup differences: Not applicable

Occupation (any)- end of intervention.

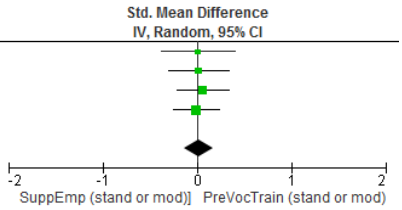
Study or Subgroup	Std. Mean Difference	SE	SuppEmp (stand or mod) Total	PreVocTrain (stand or mod) Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
1.9.1 Earnings						
TWAMLEY2012	-0.61	0.26	30	28	11.2%	-0.61 [-1.12, -0.10]
GOLD2006	-0.30627	0.16872	77	66	26.7%	-0.31 [-0.64, 0.02]
LATIMER2006	-0.11	0.16326531	74	73	28.5%	-0.11 [-0.43, 0.21]
MUESER2002	-0.55	0.1505102	68	136	33.5%	-0.55 [-0.84, -0.26]
Subtotal (95% CI)			**249**	**303**	**100.0%**	**-0.37 [-0.54, -0.20]**
Heterogeneity: Chi² = 4.96, df = 3 (P = 0.17); I² = 40%						
Test for overall effect: Z = 4.20 (P < 0.0001)						
1.9.2 Weeks worked						
TWAMLEY2012	-0.59	0.26	20	28	8.3%	-0.59 [-1.10, -0.08]
GOLD2006	-0.18192	0.16809	77	66	19.8%	-0.18 [-0.51, 0.15]
LATIMER2006	-0.15	0.16326531	75	74	20.9%	-0.15 [-0.47, 0.17]
MUESER2002	-0.59	0.1505102	68	136	24.6%	-0.59 [-0.88, -0.30]
BOND2007	0.21	0.14540816	92	95	26.4%	0.21 [-0.07, 0.49]
Subtotal (95% CI)			**332**	**399**	**100.0%**	**-0.21 [-0.35, -0.06]**
Heterogeneity: Chi² = 17.01, df = 4 (P = 0.002); I² = 76%						
Test for overall effect: Z = 2.76 (P = 0.006)						
1.9.3 Hours worked						
MUESER2002	-0.47	0.19132653	68	136	18.7%	-0.47 [-0.84, -0.10]
GOLD2006	-0.25548	0.168424	77	66	24.2%	-0.26 [-0.59, 0.07]
LATIMER2006	-0.16	0.16326531	75	74	25.7%	-0.16 [-0.48, 0.16]
BOND2007	0.15	0.14795918	92	95	31.3%	0.15 [-0.14, 0.44]
Subtotal (95% CI)			**312**	**371**	**100.0%**	**-0.14 [-0.31, 0.02]**
Heterogeneity: Chi² = 7.30, df = 3 (P = 0.06); I² = 59%						
Test for overall effect: Z = 1.74 (P = 0.08)						
1.9.4 Longest job worked						
GOLD2006	-0.13935	0.201344	51	48	16.1%	-0.14 [-0.53, 0.26]
LATIMER2006	-0.11	0.16326531	75	74	24.4%	-0.11 [-0.43, 0.21]
MUESER2002	-0.47	0.1505102	68	136	28.7%	-0.47 [-0.76, -0.18]
BOND2007	0.16	0.14540816	91	95	30.8%	0.16 [-0.12, 0.44]
Subtotal (95% CI)			**285**	**353**	**100.0%**	**-0.14 [-0.29, 0.02]**
Heterogeneity: Chi² = 9.09, df = 3 (P = 0.03); I² = 67%						
Test for overall effect: Z = 1.67 (P = 0.09)						
1.9.5 Time to first job						
BOND2007	0.26	0.21428571	69	32	19.5%	0.26 [-0.16, 0.68]
LATIMER2006	0.05	0.21173469	51	39	19.9%	0.05 [-0.36, 0.46]
GOLD2006	-0.57769	0.205248	51	48	21.2%	-0.58 [-0.98, -0.18]
MUESER2002	-0.43	0.1505102	68	136	39.4%	-0.43 [-0.72, -0.14]
Subtotal (95% CI)			**239**	**255**	**100.0%**	**-0.23 [-0.42, -0.05]**
Heterogeneity: Chi² = 11.61, df = 3 (P = 0.009); I² = 74%						
Test for overall effect: Z = 2.45 (P = 0.01)						



Test for subgroup differences: Chi² = 4.76, df = 4 (P = 0.31), I² = 16.0%

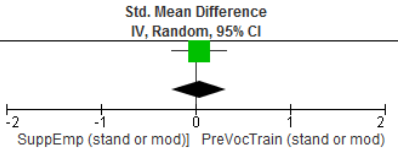
Global state - Functioning, disability - end of intervention.

Study or Subgroup	SuppEmp (stand or mod) Mean	SD	Total	PreVocTrain (stand or mod) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
HOFFMAN2012	-55.2	9.1	46	-55.3	9.1	54	14.2%	0.01 [-0.38, 0.40]
DRAKE1999	-45.8	12.3	74	-46	15.52	76	21.5%	0.01 [-0.31, 0.33]
HOWARD2010	53.34	14.75	98	52.46	13.16	99	28.2%	0.06 [-0.22, 0.34]
BURNS2007	-115	16.85745	132	-114.9	14.99934	120	36.0%	-0.01 [-0.25, 0.24]
Total (95% CI)			**350**			**349**	**100.0%**	**0.02 [-0.13, 0.17]**
Heterogeneity: Tau² = 0.00; Chi² = 0.14, df = 3 (P = 0.99); I² = 0%								
Test for overall effect: Z = 0.26 (P = 0.79)								



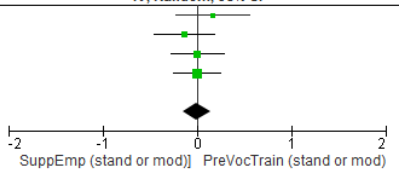
Global state - Functioning, disability - up to 12 month follow-up.

Study or Subgroup	SuppEmp (stand or mod) Mean	SD	Total	PreVocTrain (stand or mod) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
HOWARD2010	-56.1	16.4	93	-56.8	18.7	95	100.0%	0.04 [-0.25, 0.33]
Total (95% CI)			**93**			**95**	**100.0%**	**0.04 [-0.25, 0.33]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.27 (P = 0.79)								



Quality of Life - end of intervention.

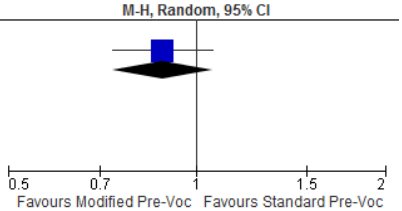
Study or Subgroup	SuppEmp (stand or mod) Mean	SD	Total	PreVocTrain (stand or mod) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
HOFFMAN2012	-12.5	2.420744	46	-12.9	2.360085	54	14.4%	0.17 [-0.23, 0.56]
DRAKE1999	-5	1.46	74	-4.8	1.57	76	21.8%	-0.13 [-0.45, 0.19]
BOND2007	-4.7	1.54	92	-4.71	1.47	95	27.2%	0.01 [-0.28, 0.29]
BURNS2007	-4.7	0.758	132	-4.7	0.861	120	36.6%	0.00 [-0.25, 0.25]
Total (95% CI)			**344**			**345**	**100.0%**	**-0.00 [-0.15, 0.15]**
Heterogeneity: Tau² = 0.00; Chi² = 1.33, df = 3 (P = 0.72); I² = 0%								
Test for overall effect: Z = 0.04 (P = 0.97)								



10.4 Modified pre-vocational training compared with standard pre-vocational training

Employment (competitive) - end of intervention.

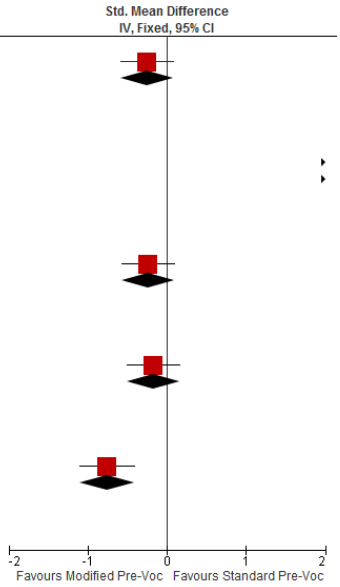
Study or Subgroup	Modified Pre-voc Training Events	Total	Standard Pre-Voc Training Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
3.1.1 NOT in Competitive employment						
MUESER2002	50	69	55	67	100.0%	0.88 [0.73, 1.06]
Subtotal (95% CI)		**69**		**67**	**100.0%**	**0.88 [0.73, 1.06]**
Total events	50		55			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.33 (P = 0.18)						



Test for subgroup differences: Not applicable

Employment (competitive)- end of intervention.

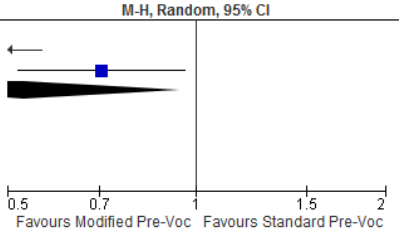
Study or Subgroup	Std. Mean Difference	SE	Modified Pre-voc Training Total	Standard Pre-Voc Training Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
3.2.1 Earnings						
MUESER2002	-0.25	0.17091837	69	67	100.0%	-0.25 [-0.58, 0.08]
Subtotal (95% CI)			**69**	**67**	**100.0%**	**-0.25 [-0.58, 0.08]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.46 (P = 0.14)						
3.2.2 Weeks worked						
MUESER2002	3.37	0.17091837	69	67	100.0%	3.37 [3.04, 3.70]
Subtotal (95% CI)			**69**	**67**	**100.0%**	**3.37 [3.04, 3.70]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 19.72 (P < 0.00001)						
3.2.3 Hours worked						
MUESER2002	-0.24	0.17091837	69	67	100.0%	-0.24 [-0.57, 0.09]
Subtotal (95% CI)			**69**	**67**	**100.0%**	**-0.24 [-0.57, 0.09]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.40 (P = 0.16)						
3.2.4 Longest job worked						
MUESER2002	-0.17	0.17091837	69	67	100.0%	-0.17 [-0.50, 0.16]
Subtotal (95% CI)			**69**	**67**	**100.0%**	**-0.17 [-0.50, 0.16]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.99 (P = 0.32)						
3.2.5 Time to first job						
MUESER2002	-0.76	0.17602041	69	67	100.0%	-0.76 [-1.10, -0.42]
Subtotal (95% CI)			**69**	**67**	**100.0%**	**-0.76 [-1.10, -0.42]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 4.32 (P < 0.0001)						



Test for subgroup differences: Chi² = 384.98, df = 4 (P < 0.00001), I² = 99.0%

Occupation (any)- end of intervention.

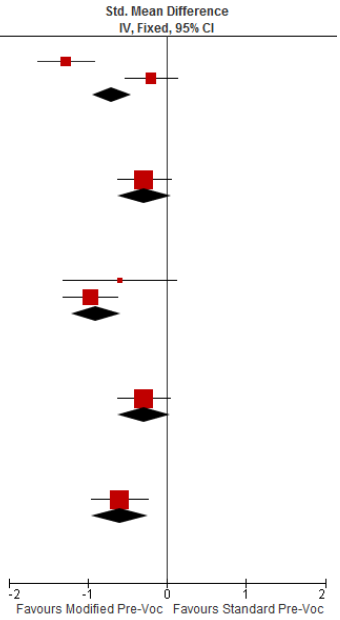
Study or Subgroup	Modified Pre-voc Training Events	Total	Standard Pre-Voc Training Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
3.3.1 NOT in any paid (competitive or uncompetitive) employment						
BELL1993	24	80	53	70	48.6%	0.40 [0.28, 0.57]
MUESER2002	32	69	44	67	51.4%	0.71 [0.52, 0.96]
Subtotal (95% CI)		**149**		**137**	**100.0%**	**0.53 [0.30, 0.94]**
Total events	56		97			
Heterogeneity: Tau² = 0.14; Chi² = 5.83, df = 1 (P = 0.02); I² = 83%						
Test for overall effect: Z = 2.16 (P = 0.03)						



Test for subgroup differences: Not applicable

Occupation (any)- end of intervention.

Study or Subgroup	Std. Mean Difference	SE	Modified Pre-voc Training Total	Standard Pre-Voc Training Total	Weight	Std. Mean Difference IV, Fixed, 95% CI
3.4.1 Earnings						
BELL1993	-1.28	0.18367347	80	64	46.4%	-1.28 [-1.64, -0.92]
MUESER2002	-0.2	0.17091837	69	67	53.6%	-0.20 [-0.53, 0.13]
Subtotal (95% CI)			**149**	**131**	**100.0%**	**-0.70 [-0.95, -0.46]**
Heterogeneity: Chi² = 18.53, df = 1 (P < 0.0001); I² = 95%						
Test for overall effect: Z = 5.60 (P < 0.00001)						
3.4.2 Weeks worked						
MUESER2002	-0.29	0.17346939	69	67	100.0%	-0.29 [-0.63, 0.05]
Subtotal (95% CI)			**69**	**67**	**100.0%**	**-0.29 [-0.63, 0.05]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.67 (P = 0.09)						
3.4.3 Hours worked						
MUESER2002	-0.6	0.36734694	69	67	19.1%	-0.60 [-1.32, 0.12]
BELL1993	-0.97	0.17857143	80	64	80.9%	-0.97 [-1.32, -0.62]
Subtotal (95% CI)			**149**	**131**	**100.0%**	**-0.90 [-1.21, -0.58]**
Heterogeneity: Chi² = 0.82, df = 1 (P = 0.37); I² = 0%						
Test for overall effect: Z = 5.60 (P < 0.00001)						
3.4.4 Longest job worked						
MUESER2002	-0.29	0.17091837	69	67	100.0%	-0.29 [-0.62, 0.04]
Subtotal (95% CI)			**69**	**67**	**100.0%**	**-0.29 [-0.62, 0.04]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.70 (P = 0.09)						
3.4.5 Time to first job						
MUESER2002	-0.6	0.18112245	69	67	100.0%	-0.60 [-0.95, -0.25]
Subtotal (95% CI)			**69**	**67**	**100.0%**	**-0.60 [-0.95, -0.25]**
Heterogeneity: Not applicable						
Test for overall effect: Z = 3.31 (P = 0.0009)						

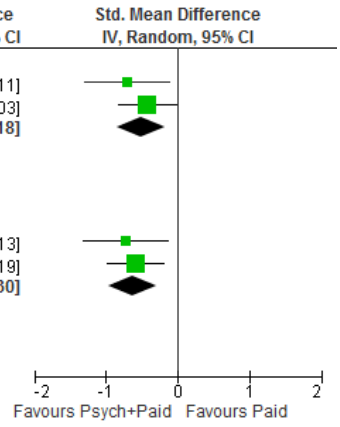


Test for subgroup differences: Chi² = 10.57, df = 4 (P = 0.03), I² = 62.2%

10.5 Modified prevocational training (paid + psychological intervention) versus modified prevocational training (paid)

Occupation (any)- end of intervention.

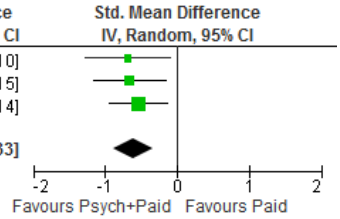
Study or Subgroup	Mod Pre-voc (psych +paid) Mean	SD	Total	Mod Pre-voc (paid) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
6.1.1 Weeks worked								
LYSAKER2005	-20.39	8	23	-13.71	10.44	24	31.1%	-0.70 [-1.30, -0.11]
LYSAKER2009	-18.64	9.12	50	-14.46	10.4	50	68.9%	-0.42 [-0.82, -0.03]
Subtotal (95% CI)			**73**			**74**	**100.0%**	**-0.51 [-0.84, -0.18]**
Heterogeneity: Tau² = 0.00; Chi² = 0.60, df = 1 (P = 0.44); I² = 0%								
Test for overall effect: Z = 3.04 (P = 0.002)								
6.1.2 Hours worked								
LYSAKER2005	-347.1	158.2	23	-243.88	120.61	24	31.4%	-0.72 [-1.32, -0.13]
LYSAKER2009	-360.86	246.58	50	-228.82	193.36	50	68.6%	-0.59 [-0.99, -0.19]
Subtotal (95% CI)			**73**			**74**	**100.0%**	**-0.63 [-0.96, -0.30]**
Heterogeneity: Tau² = 0.00; Chi² = 0.13, df = 1 (P = 0.72); I² = 0%								
Test for overall effect: Z = 3.74 (P = 0.0002)								



Test for subgroup differences: Chi² = 0.26, df = 1 (P = 0.61), I² = 0%

Global state - Functioning, disability - end of intervention.

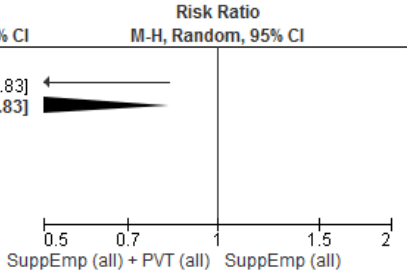
Study or Subgroup	Mod Pre-voc (psych +paid) Mean	SD	Total	Mod Pre-voc (paid) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
LYSAKER2005	-118.34	20.3	23	-107.55	8.49	24	22.1%	-0.69 [-1.28, -0.10]
BELL2003	-136.5	22.2	30	-120.5	25.5	33	29.7%	-0.66 [-1.17, -0.15]
LYSAKER2009	-113.34	13.05	50	-105.43	15.76	50	48.2%	-0.54 [-0.94, -0.14]
Total (95% CI)			**103**			**107**	**100.0%**	**-0.61 [-0.89, -0.33]**
Heterogeneity: Tau² = 0.00; Chi² = 0.21, df = 2 (P = 0.90); I² = 0%								
Test for overall effect: Z = 4.31 (P < 0.0001)								



10.6 Supported employment + prevocational training versus supported employment

Employment (competitive) - end of intervention.

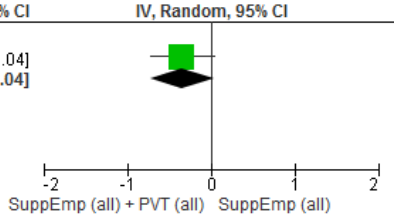
Study or Subgroup	SuppEmp (all) + PVT (all) Events	Total	SuppEmp (all) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
8.1.1 NOT in competitive employment						
TSANG2009	11	52	26	56	100.0%	0.46 [0.25, 0.83]
Subtotal (95% CI)		**52**		**56**	**100.0%**	**0.46 [0.25, 0.83]**
Total events	11		26			
Heterogeneity: Not applicable						
Test for overall effect: Z = 2.59 (P = 0.010)						



Test for subgroup differences: Not applicable

Employment (competitive) - end of intervention.

Study or Subgroup	SuppEmp (all) + PVT (all) Mean	SD	Total	SuppEmp (all) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
8.2.2 Earnings								
TSANG2009	-26.09	9.62	52	-22.91	8.74	56	100.0%	-0.34 [-0.72, 0.04]
Subtotal (95% CI)			**52**			**56**	**100.0%**	**-0.34 [-0.72, 0.04]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.77 (P = 0.08)								

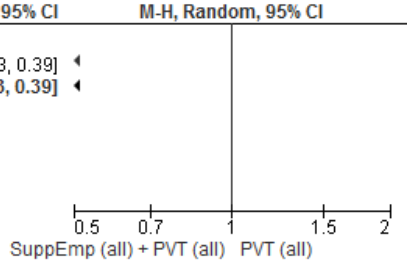


Test for subgroup differences: Not applicable

10.7 Supported employment + prevocational training versus prevocational training

Employment (competitive) - end of intervention.

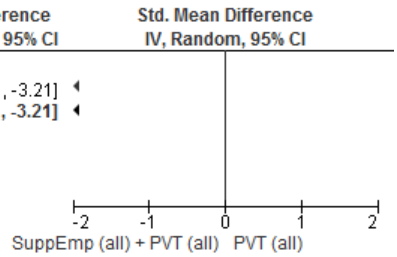
Study or Subgroup	SuppEmp (all) + PVT (all) Events	Total	PVT (all) Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
7.1.1 NOT in competitive employment						
TSANG2009	11	52	51	55	100.0%	0.23 [0.13, 0.39]
Subtotal (95% CI)		**52**		**55**	**100.0%**	**0.23 [0.13, 0.39]**
Total events	11		51			
Heterogeneity: Not applicable						
Test for overall effect: Z = 5.47 (P < 0.00001)						



Test for subgroup differences: Not applicable

Employment (competitive) - end of intervention.

Study or Subgroup	SuppEmp (all) + PVT (all) Mean	SD	Total	PVT (all) Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
7.2.2 Earnings								
TSANG2009	-26.09	9.62	52	0	0.1	55	100.0%	-3.86 [-4.51, -3.21]
Subtotal (95% CI)			**52**			**55**	**100.0%**	**-3.86 [-4.51, -3.21]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 11.66 (P < 0.00001)								



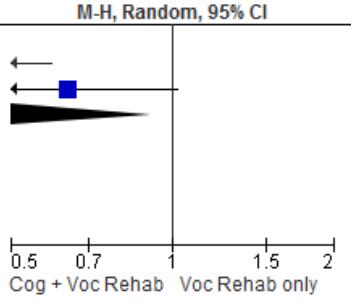
Test for subgroup differences: Not applicable

10.8 Cognitive remediation with vocational rehabilitation versus vocational rehabilitation alone

Employment (competitive) - end of intervention.

Study or Subgroup	Cog + Voc Rehab Events	Total	Voc Rehab only Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
9.1.1 NOT in competitive employment						
MCGURK2005	7	23	20	21	45.5%	0.32 [0.17, 0.60]
BELL2008	15	38	21	34	54.5%	0.64 [0.40, 1.03]
Subtotal (95% CI)		**61**		**55**	**100.0%**	**0.47 [0.24, 0.92]**
Total events	22		41			

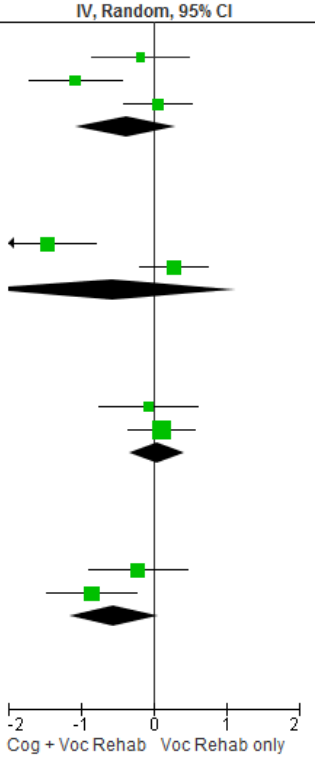
Heterogeneity: Tau² = 0.16; Chi² = 3.01, df = 1 (P = 0.08); I² = 67%
Test for overall effect: Z = 2.21 (P = 0.03)



Test for subgroup differences: Not applicable

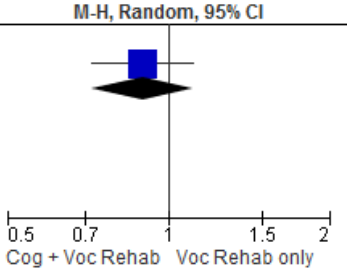
Employment (competitive)- end of intervention.

Study or Subgroup	Cog + Voc Rehab Mean	SD	Total	Voc Rehab only Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
9.2.1 Hours worked								
MCGURK2009	-213.56	417.13	18	-151	250.53	16	31.0%	-0.17 [-0.85, 0.50]
MCGURK2005	-379.91	419.14	23	-30.95	141.84	21	32.1%	-1.08 [-1.71, -0.44]
BELL2008	-89.1	196.6	38	-101.9	216.7	34	36.9%	0.06 [-0.40, 0.52]
Subtotal (95% CI)			**79**			**71**	**100.0%**	**-0.38 [-1.06, 0.31]**
Heterogeneity: Tau² = 0.28; Chi² = 8.17, df = 2 (P = 0.02); I² = 76%								
Test for overall effect: Z = 1.08 (P = 0.28)								
9.2.2 Number of jobs								
MCGURK2005	-0.96	0.82	23	-0.05	0.22	21	49.0%	-1.46 [-2.13, -0.79]
BELL2008	-1.35	0.75	38	-1.54	0.56	34	51.0%	0.28 [-0.18, 0.75]
Subtotal (95% CI)			**61**			**55**	**100.0%**	**-0.57 [-2.28, 1.13]**
Heterogeneity: Tau² = 1.43; Chi² = 17.41, df = 1 (P < 0.0001); I² = 94%								
Test for overall effect: Z = 0.66 (P = 0.51)								
9.2.3 Weeks worked								
MCGURK2009	-10.39	16.38	18	-9.25	15.54	16	32.1%	-0.07 [-0.74, 0.60]
BELL2008	-20.3	16	38	-22.05	15.6	34	67.9%	0.11 [-0.35, 0.57]
Subtotal (95% CI)			**56**			**50**	**100.0%**	**0.05 [-0.33, 0.43]**
Heterogeneity: Tau² = 0.00; Chi² = 0.18, df = 1 (P = 0.67); I² = 0%								
Test for overall effect: Z = 0.27 (P = 0.79)								
9.2.4 Earnings								
MCGURK2009	-1,259.93	2,718.8	18	-775.13	1,594.21	16	47.6%	-0.21 [-0.88, 0.47]
MCGURK2005	-2,207.91	3,166.1	23	-182.05	834.24	21	52.4%	-0.84 [-1.46, -0.22]
Subtotal (95% CI)			**41**			**37**	**100.0%**	**-0.54 [-1.16, 0.08]**
Heterogeneity: Tau² = 0.09; Chi² = 1.83, df = 1 (P = 0.18); I² = 45%								
Test for overall effect: Z = 1.71 (P = 0.09)								



Employment (competitive) - up to 6 month follow-up.

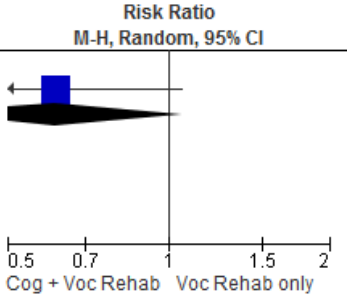
Study or Subgroup	Cog + Voc Rehab Events	Total	Voc Rehab only Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
9.3.1 NOT in any competitive employment						
BELL2005	41	60	51	67	100.0%	0.90 [0.72, 1.12]
Subtotal (95% CI)		**60**		**67**	**100.0%**	**0.90 [0.72, 1.12]**
Total events	41		51			
Heterogeneity: Not applicable						
Test for overall effect: Z = 0.97 (P = 0.33)						



Test for subgroup differences: Not applicable

Employment (competitive) - up to 12 month follow-up

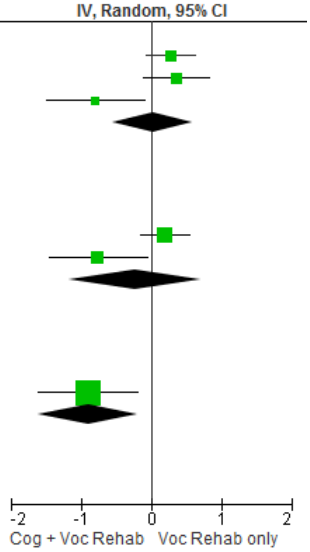
Study or Subgroup	Cog + Voc Rehab Events	Total	Voc Rehab only Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
9.4.1 NOT in competitive employment						
VAUTH2005	13	37	16	28	100.0%	0.61 [0.36, 1.06]
Subtotal (95% CI)		**37**		**28**	**100.0%**	**0.61 [0.36, 1.06]**
Total events	13		16			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.76 (P = 0.08)						



Test for subgroup differences: Not applicable

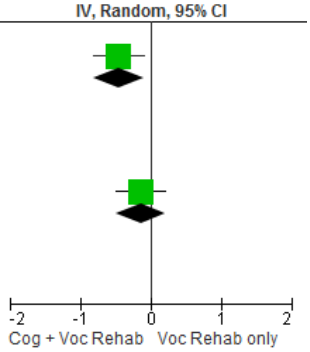
Occupation (any) - end of intervention.

Study or Subgroup	Cog + Voc Rehab Mean	SD	Total	Voc Rehab only Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
9.5.1 Hours worked								
BELL2005	-198.6233	210.51	60	-258.1597	212.214	67	38.6%	0.28 [-0.07, 0.63]
BELL2008	-245.5	250.7	38	-346.4	299.3	34	34.6%	0.36 [-0.10, 0.83]
MCGURK2009	-293.94	196.23	18	-138.63	187.86	16	26.8%	-0.79 [-1.49, -0.09]
Subtotal (95% CI)			**116**			**117**	**100.0%**	**0.02 [-0.55, 0.59]**
Heterogeneity: Tau² = 0.19; Chi² = 8.19, df = 2 (P = 0.02); I² = 76%								
Test for overall effect: Z = 0.08 (P = 0.94)								
9.5.2 Earnings								
BELL2005	-1,013.0768	761.1	60	-1,160.408	718.829	67	55.2%	0.20 [-0.15, 0.55]
MCGURK2009	-1,410.87	1,084.3	18	-620.68	935.68	16	44.8%	-0.76 [-1.46, -0.06]
Subtotal (95% CI)			**78**			**83**	**100.0%**	**-0.23 [-1.16, 0.70]**
Heterogeneity: Tau² = 0.38; Chi² = 5.74, df = 1 (P = 0.02); I² = 83%								
Test for overall effect: Z = 0.48 (P = 0.63)								
9.5.3 Weeks worked								
MCGURK2009	-29.83	19.62	18	-13.63	15.39	16	100.0%	-0.89 [-1.60, -0.18]
Subtotal (95% CI)			**18**			**16**	**100.0%**	**-0.89 [-1.60, -0.18]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.46 (P = 0.01)								



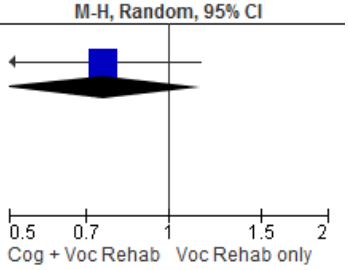
Occupation (any) - up to 6 month follow-up.

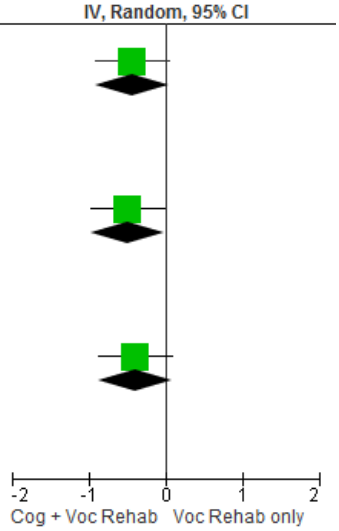
Study or Subgroup	Cog + Voc Rehab Mean	SD	Total	Voc Rehab only Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
9.6.1 Hours worked								
BELL2005	-306.58167	222.99	60	-206.2761	218.595	67	100.0%	-0.45 [-0.80, -0.10]
Subtotal (95% CI)			**60**			**67**	**100.0%**	**-0.45 [-0.80, -0.10]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 2.51 (P = 0.01)								
9.6.2 Earnings								
BELL2005	-1,166.6167	2,287.5	60	-906.1275	1,482.8	67	100.0%	-0.14 [-0.48, 0.21]
Subtotal (95% CI)			**60**			**67**	**100.0%**	**-0.14 [-0.48, 0.21]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 0.76 (P = 0.45)								



Occupation (any) - up to 12 month follow-up.

Study or Subgroup	Cog + Voc Rehab Events	Total	Voc Rehab only Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
9.7.1 Did not obtain work						
LINDENMAYER2008	18	37	20	31	100.0%	0.75 [0.49, 1.15]
Subtotal (95% CI)		**37**		**31**	**100.0%**	**0.75 [0.49, 1.15]**
Total events	18		20			
Heterogeneity: Not applicable						
Test for overall effect: Z = 1.31 (P = 0.19)						
Test for subgroup differences: Not applicable						



Occupation (any)- up to 12 month follow-up.

Study or Subgroup	Cog + Voc Rehab Mean	SD	Total	Voc Rehab only Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
9.8.1 Hours worked								
LINDENMAYER2008	-53.5	91.8	37	-20.9	49.3	31	100.0%	-0.43 [-0.91, 0.06]
Subtotal (95% CI)			**37**			**31**	**100.0%**	**-0.43 [-0.91, 0.06]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.73 (P = 0.08)								
9.8.3 Weeks worked								
LINDENMAYER2008	-9.2	13.2	37	-3.7	8.2	31	100.0%	-0.49 [-0.97, -0.00]
Subtotal (95% CI)			**37**			**31**	**100.0%**	**-0.49 [-0.97, -0.00]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.96 (P = 0.05)								
9.8.4 Earnings								
LINDENMAYER2008	-245.4	455.9	37	-96.4	249.1	31	100.0%	-0.39 [-0.87, 0.09]
Subtotal (95% CI)			**37**			**31**	**100.0%**	**-0.39 [-0.87, 0.09]**
Heterogeneity: Not applicable								
Test for overall effect: Z = 1.59 (P = 0.11)