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# Pharmacology Forest Plots

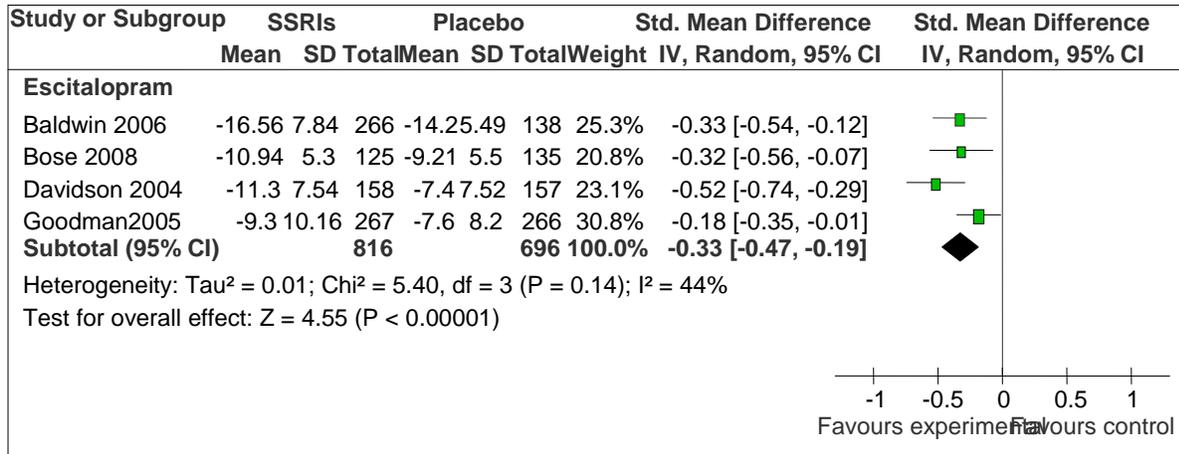
## Antidepressants versus Placebo

### Escitalopram versus Placebo

Intervention: Escitalopram

Comparator: Placebo

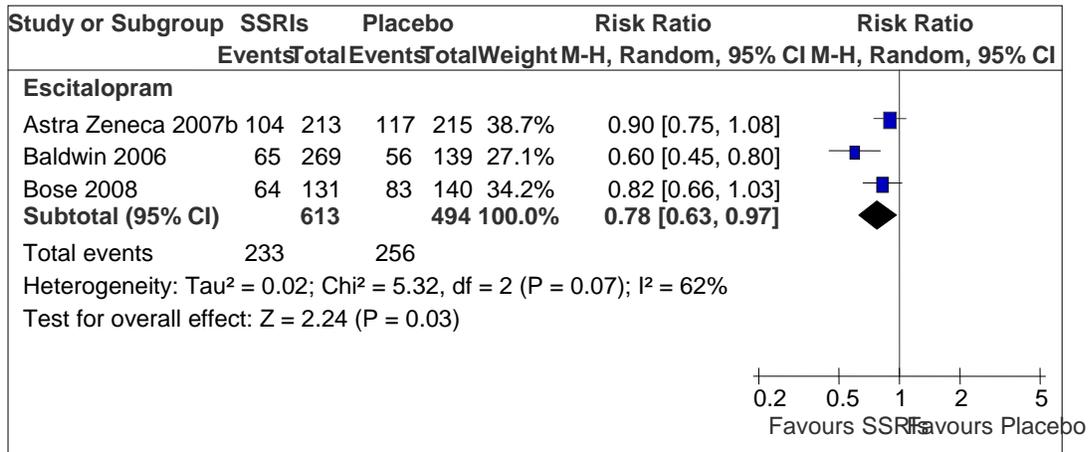
Outcome: HAMA



Intervention: Escitalopram

Comparator: Placebo

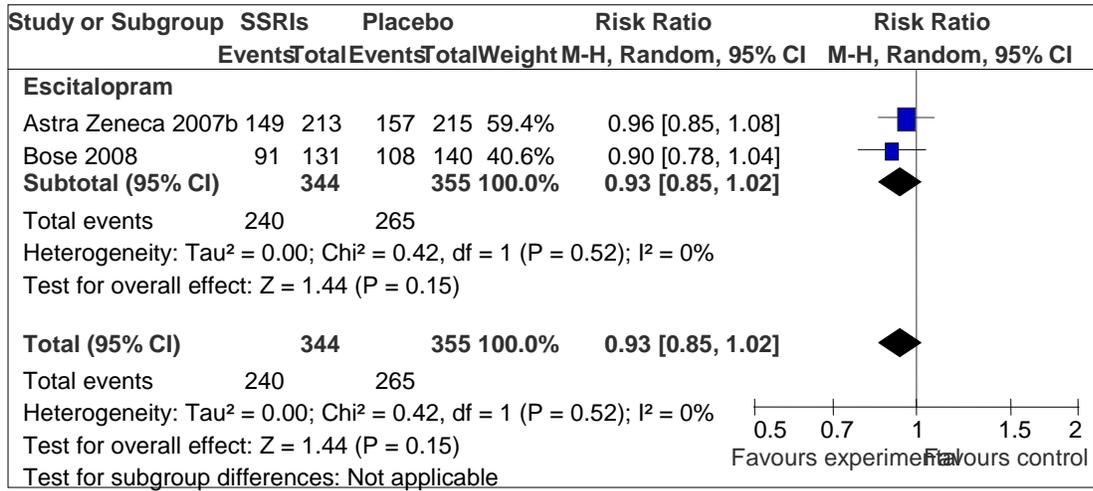
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Escitalopram

Comparator: Placebo

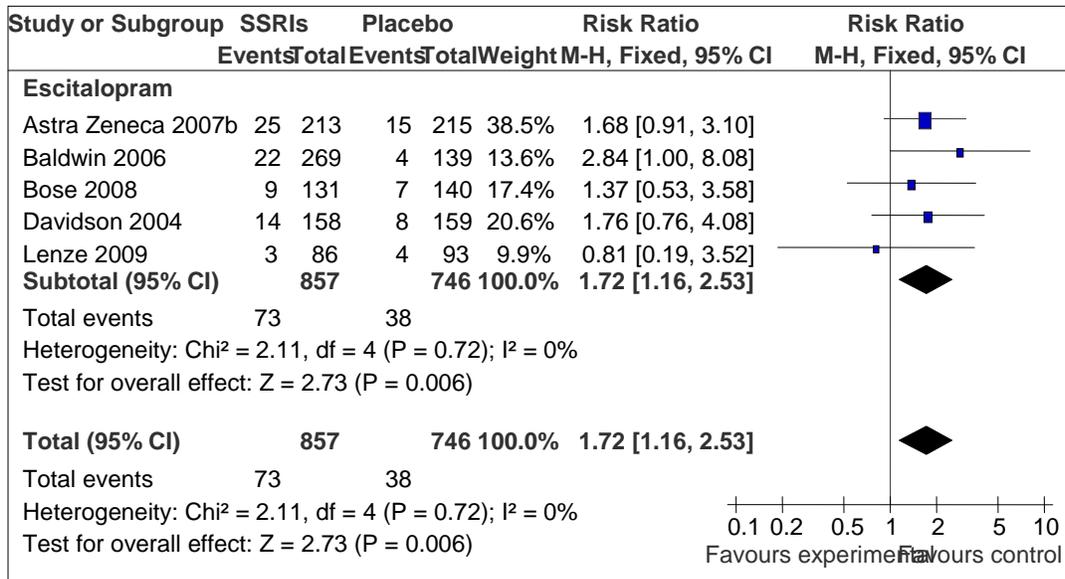
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Escitalopram

Comparator: Placebo

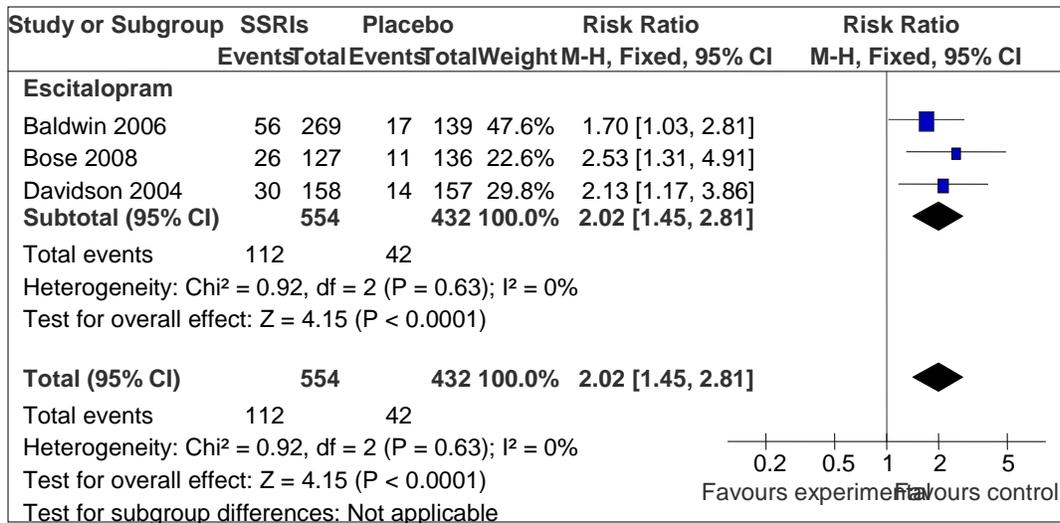
Outcome: Discontinuation due to adverse events



Intervention: Escitalopram

Comparator: Placebo

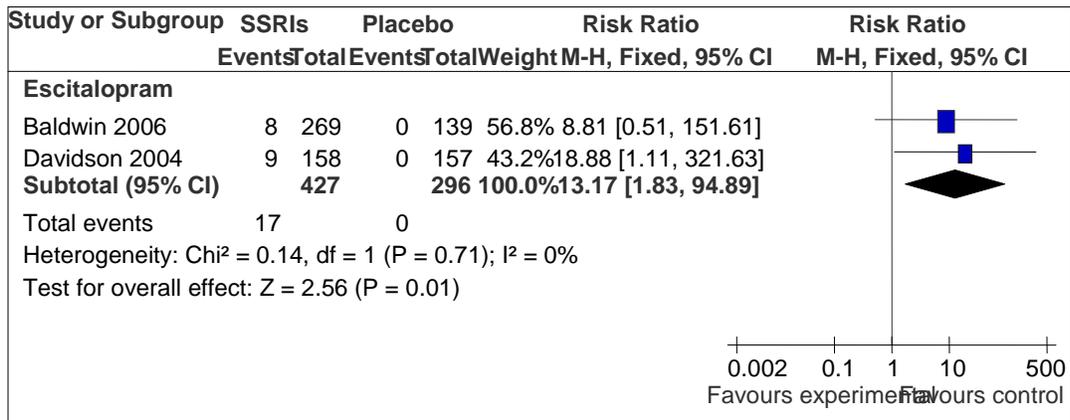
Outcome: Nausea



Intervention: Escitalopram

Comparator: Placebo

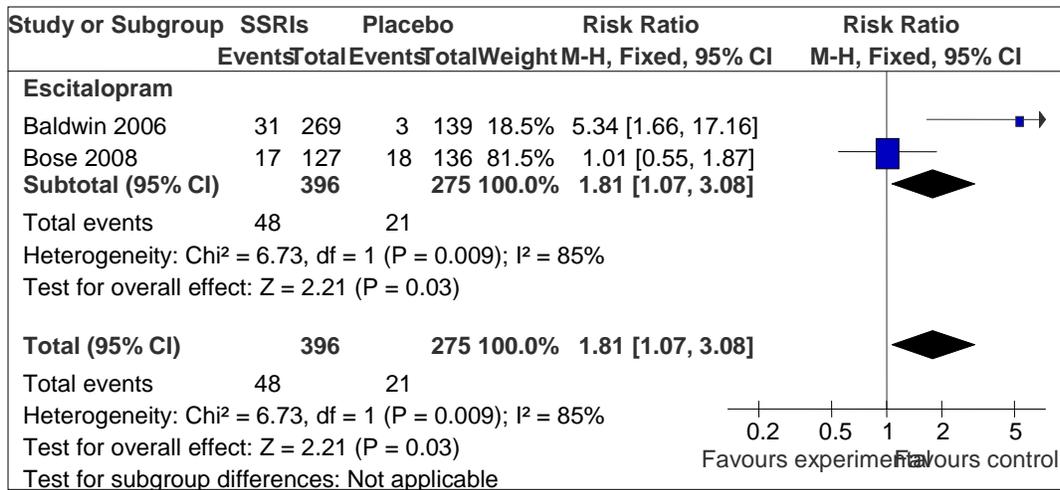
Outcome: Sexual problems



Intervention: Escitalopram

Comparator: Placebo

Outcome: Insomnia

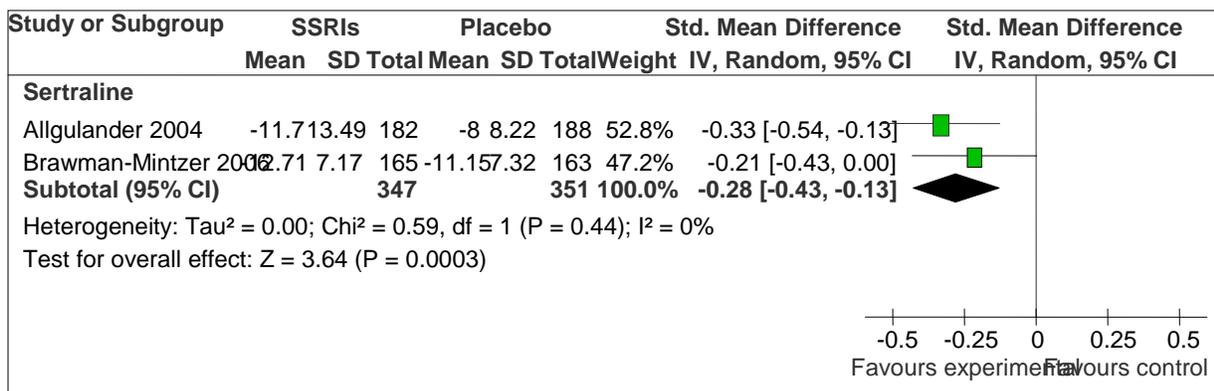


### Sertraline versus Placebo

Intervention: Sertraline

Comparator: Placebo

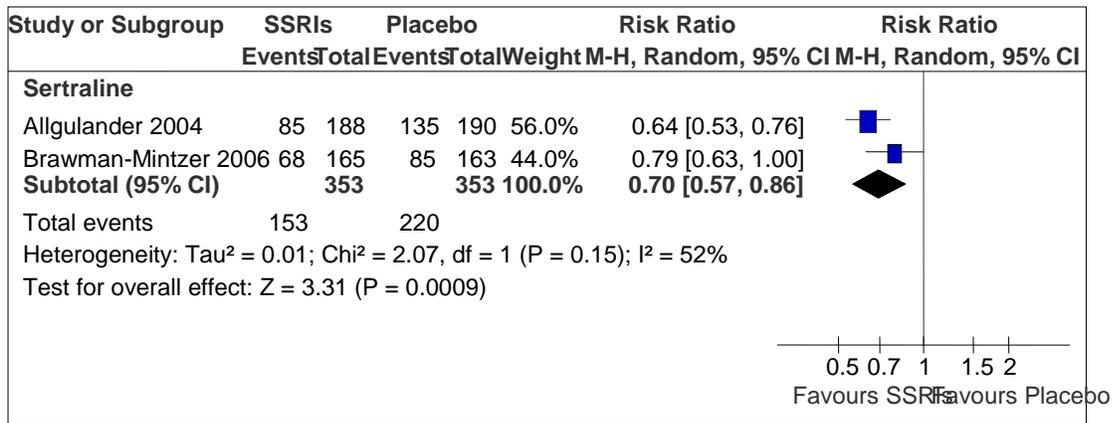
Outcome: HAMA



Intervention: Sertraline

Comparator: Placebo

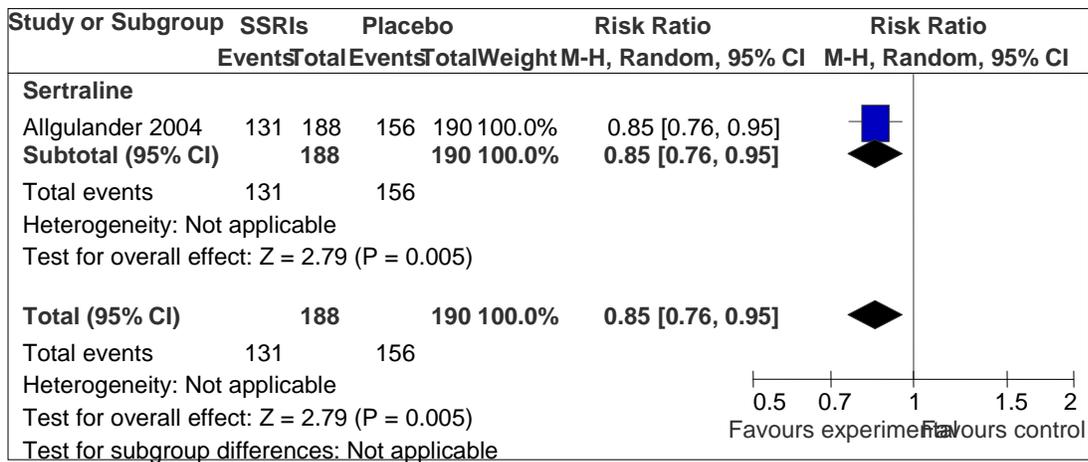
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Sertraline

Comparator: Placebo

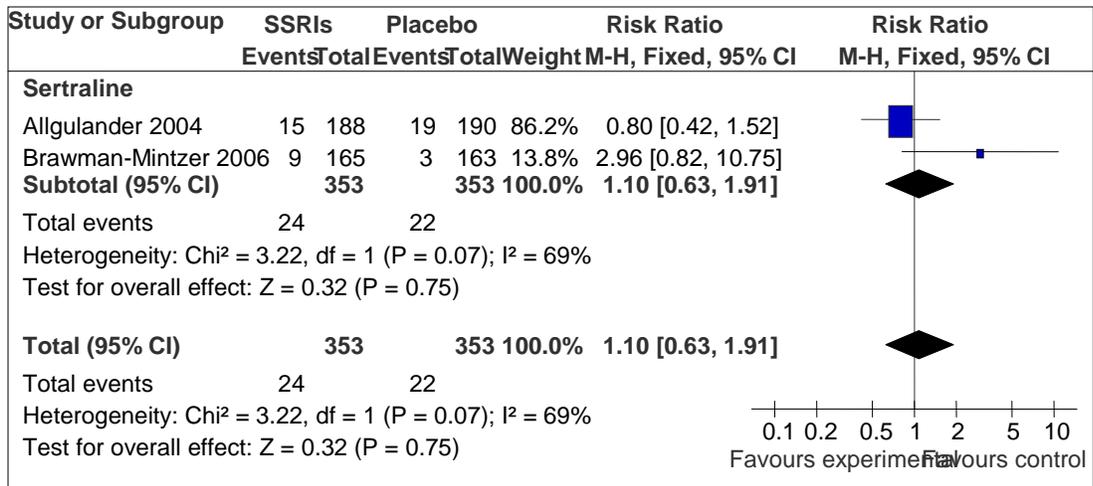
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Sertraline

Comparator: Placebo

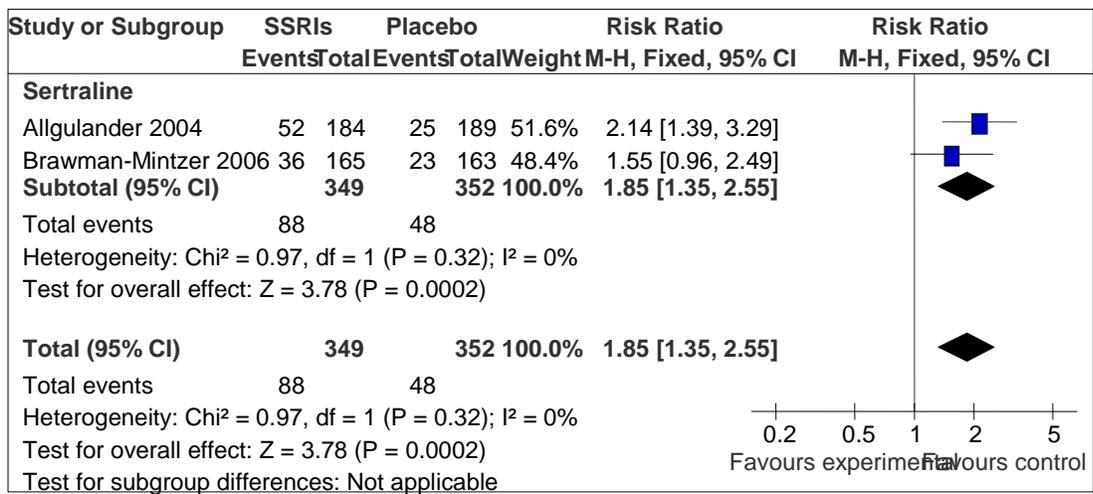
Outcome: Discontinuation due to adverse events



Intervention: Sertraline

Comparator: Placebo

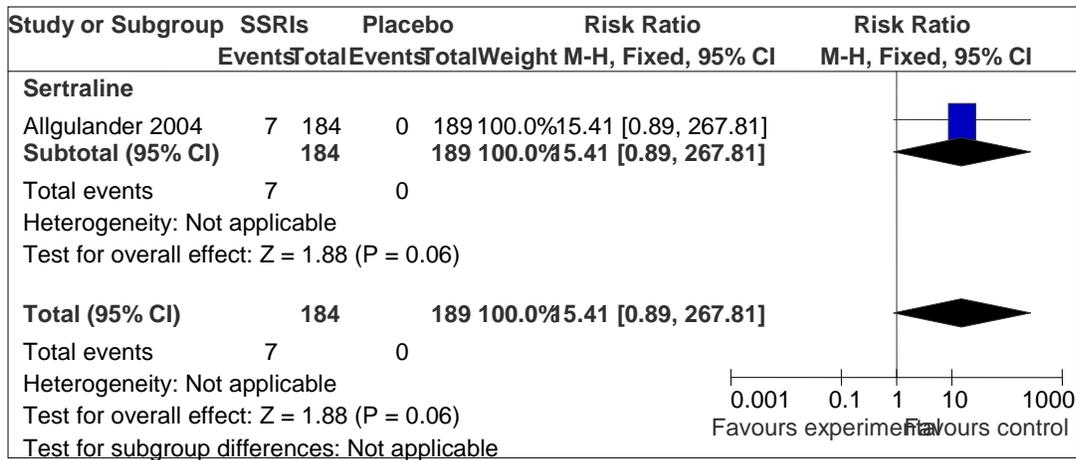
Outcome: Nausea



Intervention: Sertraline

Comparator: Placebo

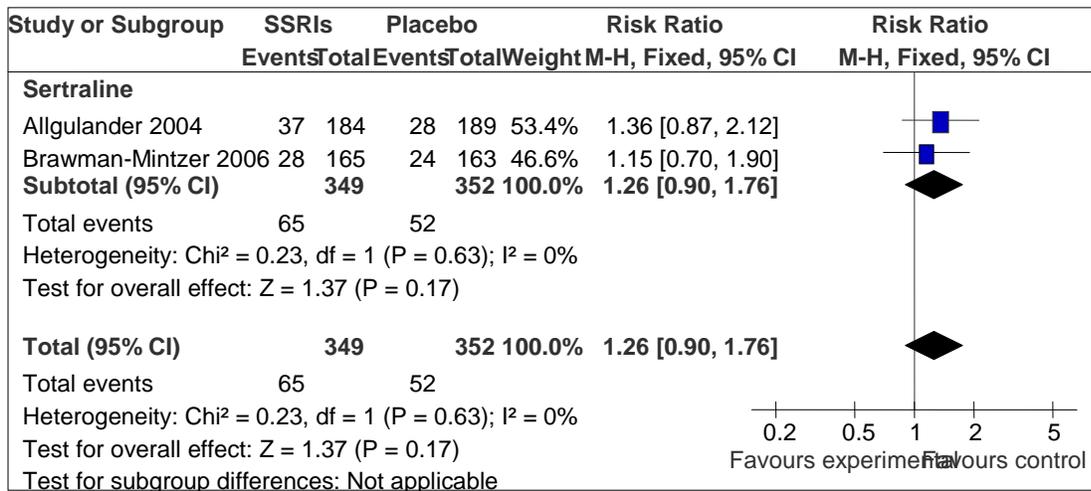
Outcome: Sexual problems



Intervention: Sertraline

Comparator: Placebo

Outcome: Insomnia

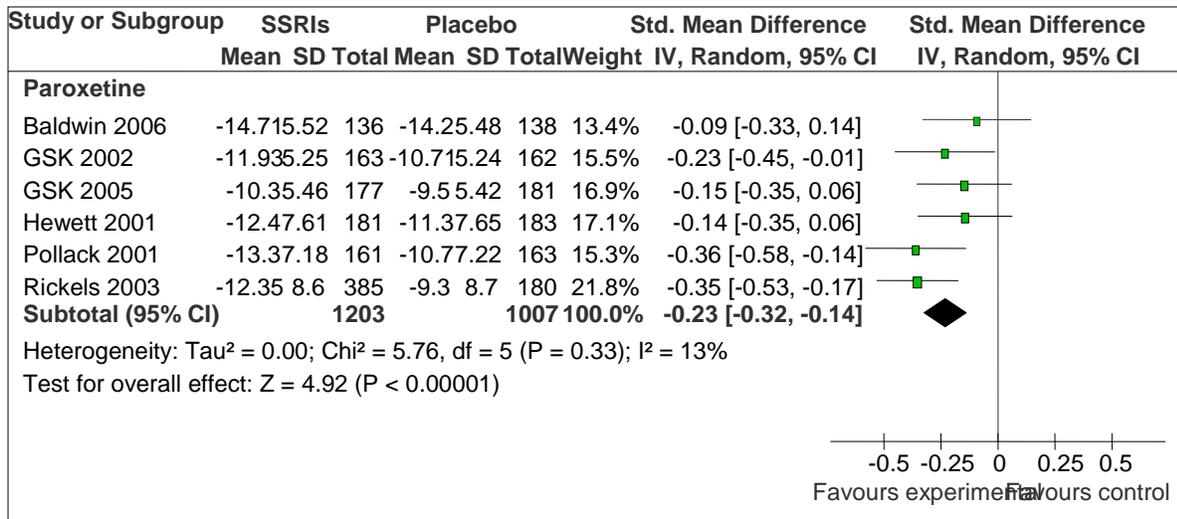


### Paroxetine versus Placebo

Intervention: Paroxetine

Comparator: Placebo

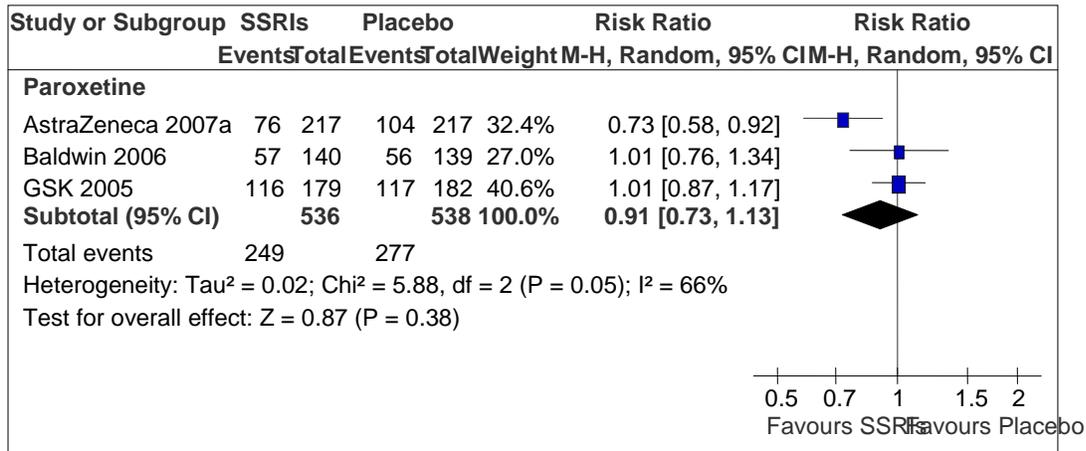
Outcome: HAMA



Intervention: Paroxetine

Comparator: Placebo

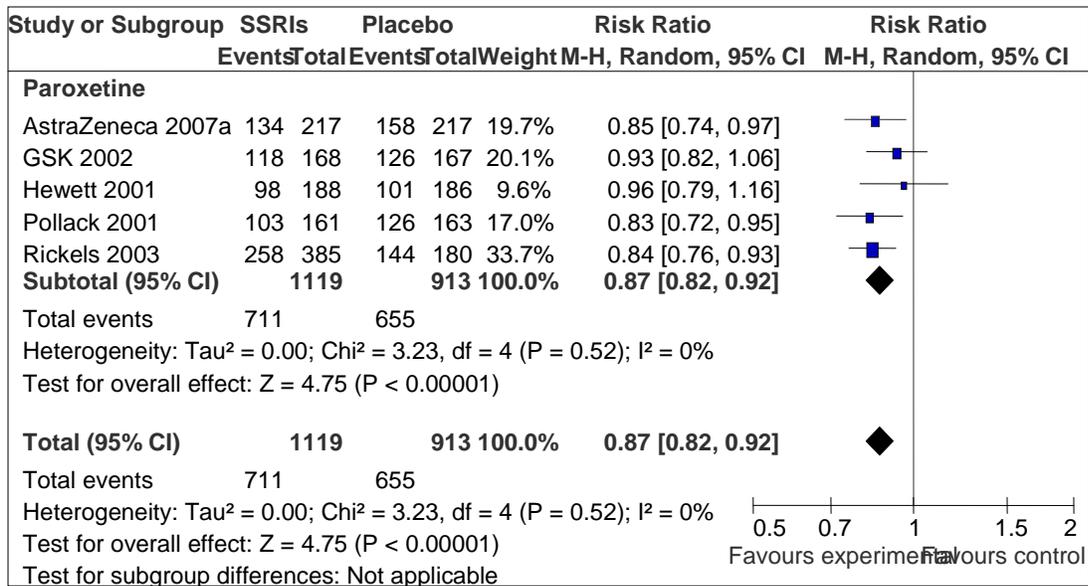
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Paroxetine

Comparator: Placebo

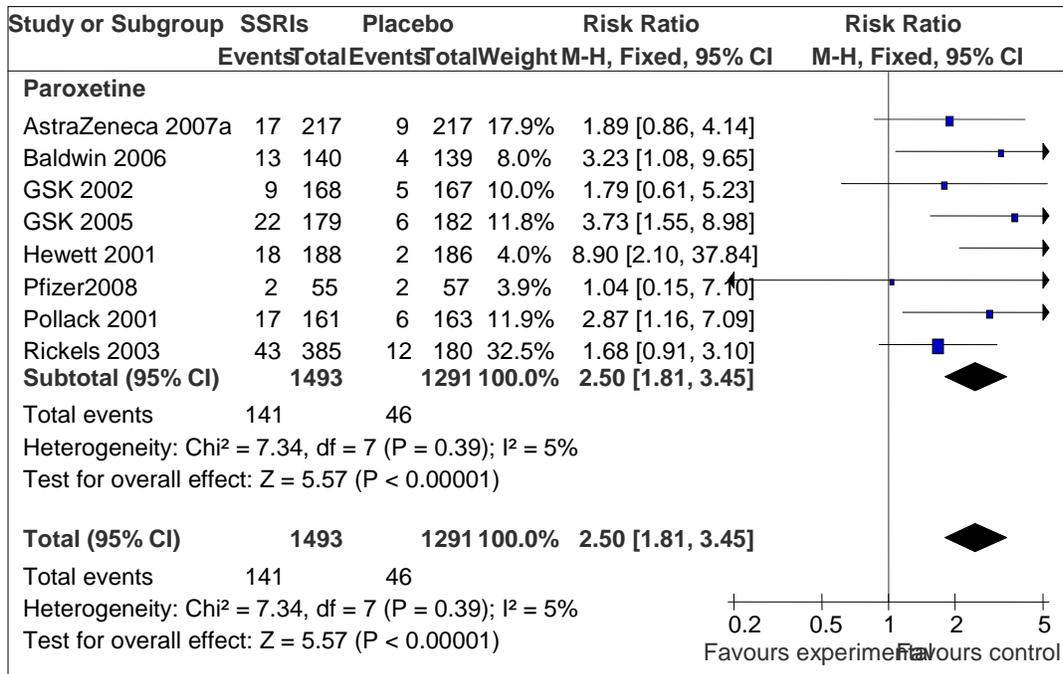
Outcome: Non-remission (≥7 on HAMA)



Intervention: Paroxetine

Comparator: Placebo

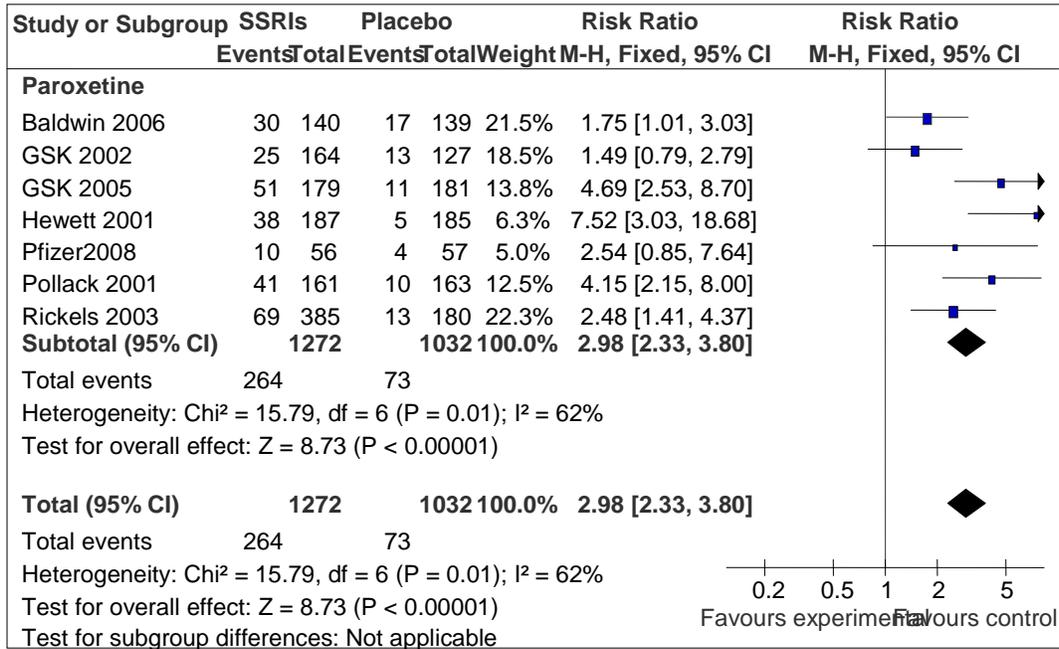
Outcome: Discontinuation due to adverse events



Intervention: Paroxetine

Comparator: Placebo

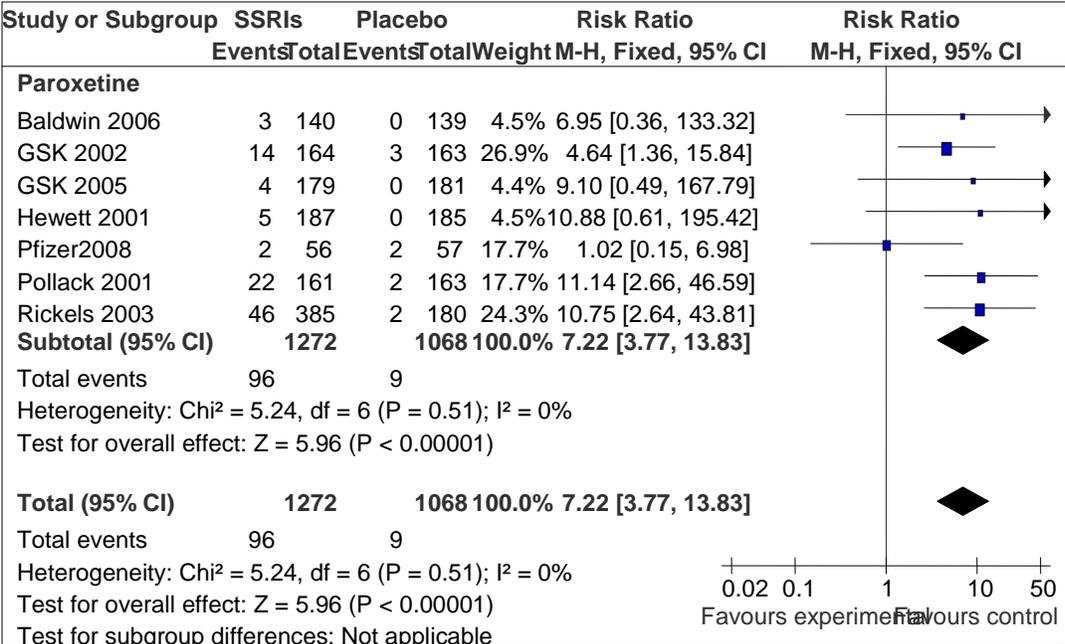
Outcome: Nausea



Intervention: Paroxetine

Comparator: Placebo

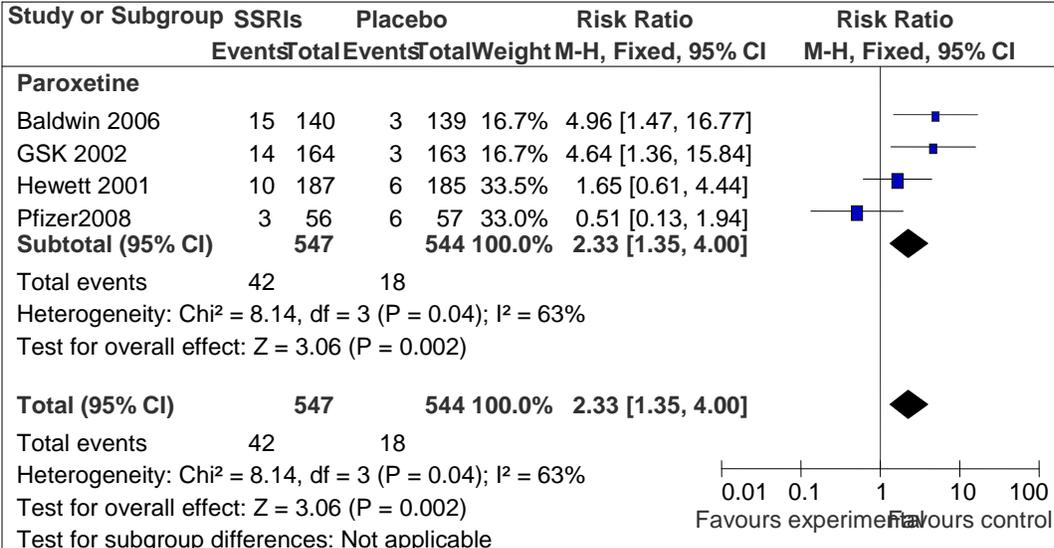
Outcome: Sexual problems



Intervention: Paroxetine

Comparator: Placebo

Outcome: Insomnia

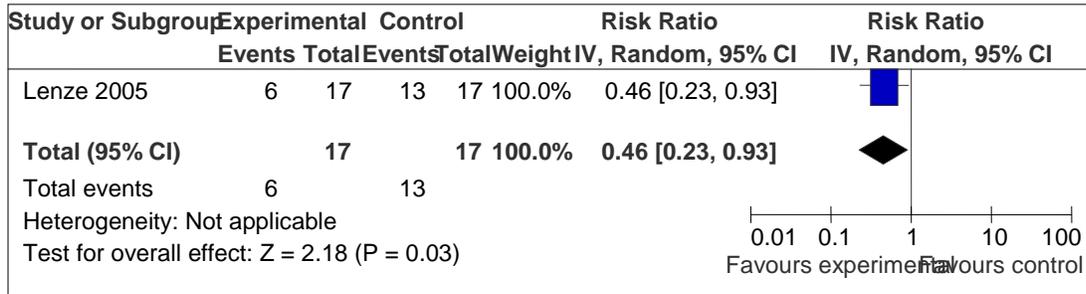


**Citalopram versus Placebo**

Intervention: Citalopram

Comparator: Placebo

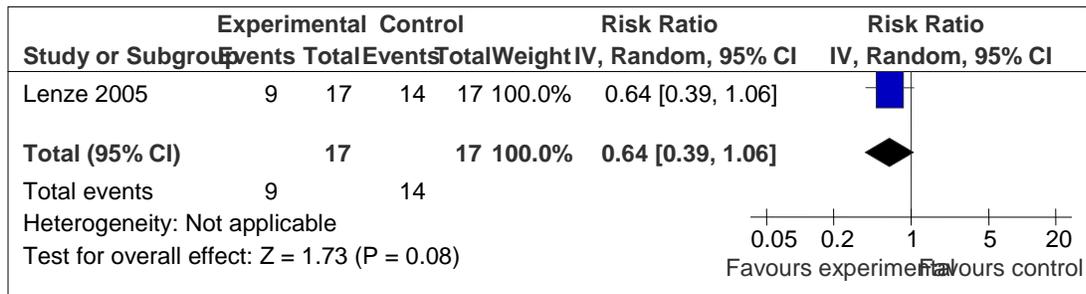
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Citalopram

Comparator: Placebo

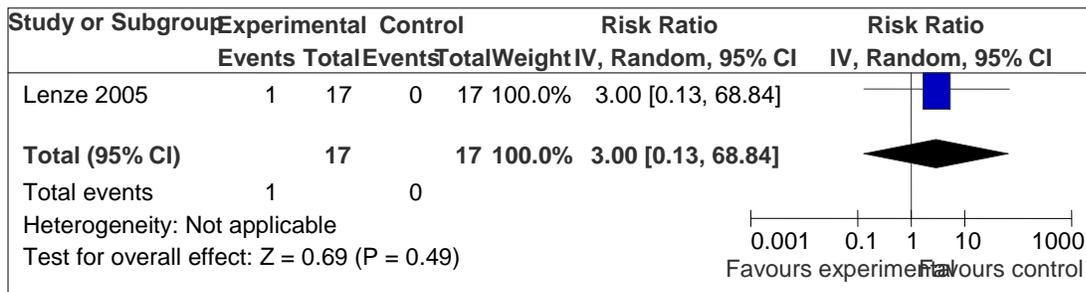
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Citalopram

Comparator: Placebo

Outcome: Discontinuation due to adverse events

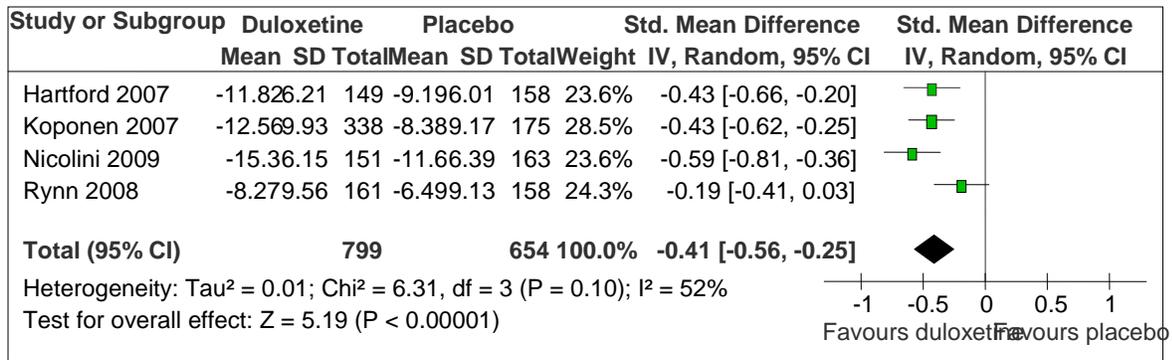


### Duloxetine versus Placebo

Intervention: Duloxetine

Comparator: Placebo

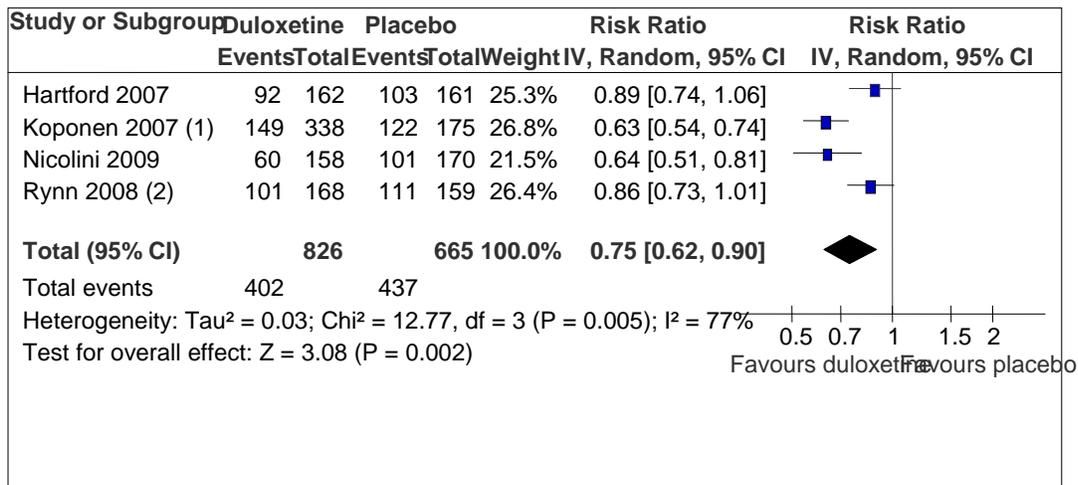
Outcome: HAMA



Intervention: Duloxetine

Comparator: Placebo

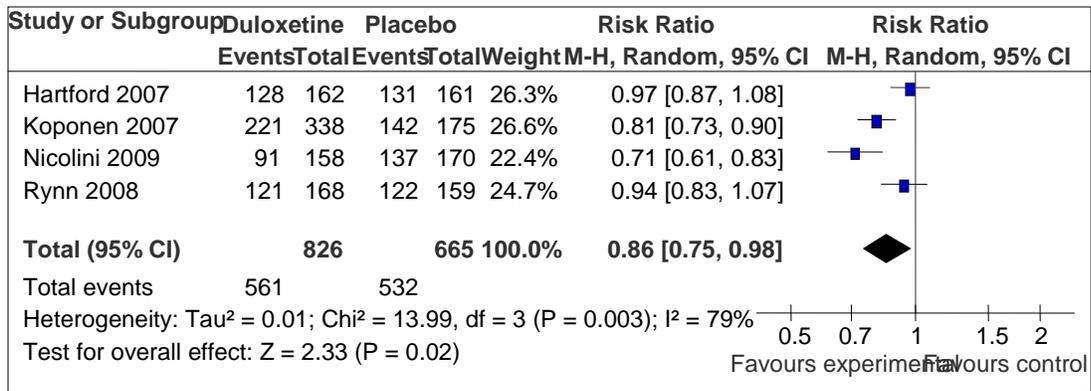
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Duloxetine

Comparator: Placebo

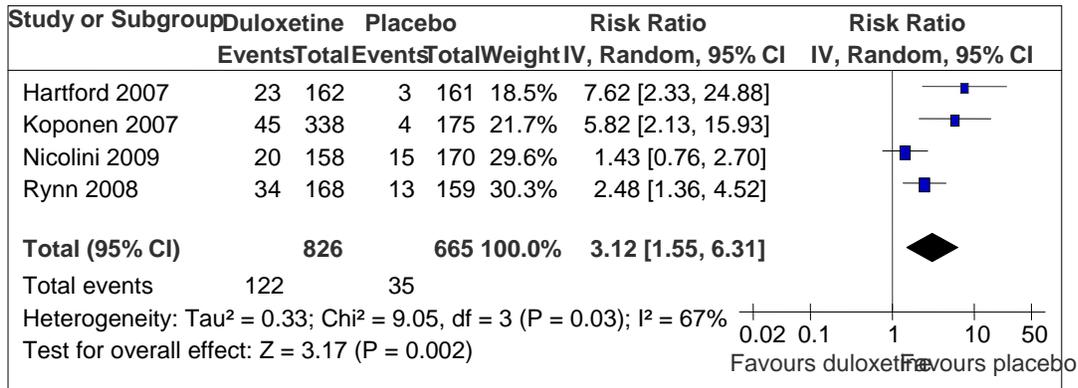
Outcome: Non-remission (≥7 on HAMA)



Intervention: Duloxetine

Comparator: Placebo

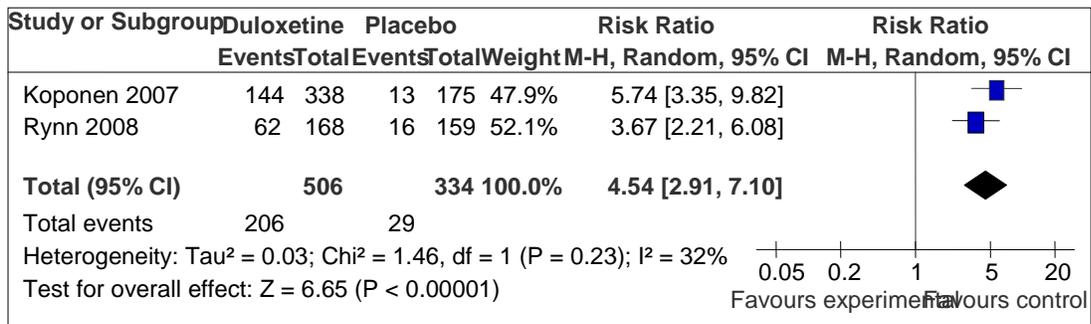
Outcome: Discontinuation due to adverse events



Intervention: Duloxetine

Comparator: Placebo

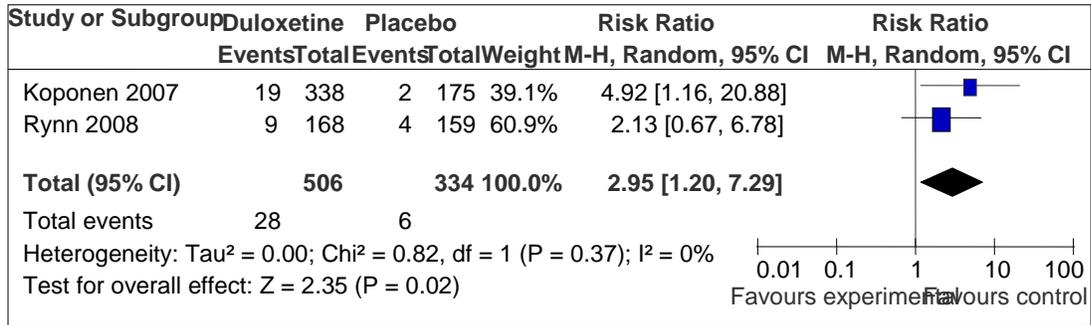
Outcome: Nausea



Intervention: Duloxetine

Comparator: Placebo

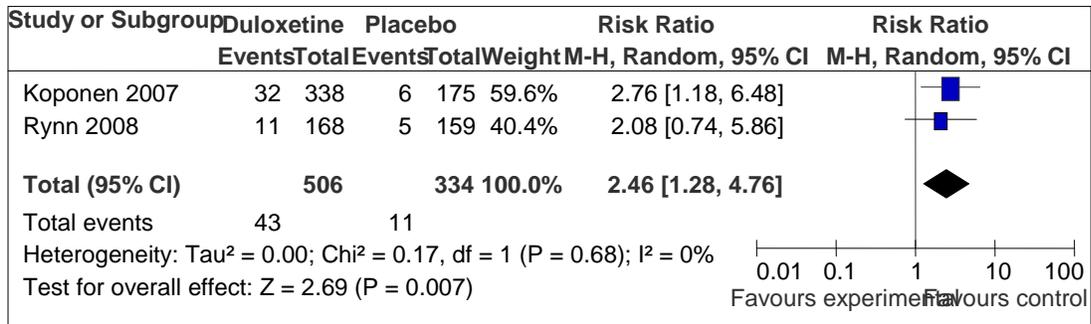
Outcome: Sexual problems



Intervention: Duloxetine

Comparator: Placebo

Outcome: Insomnia

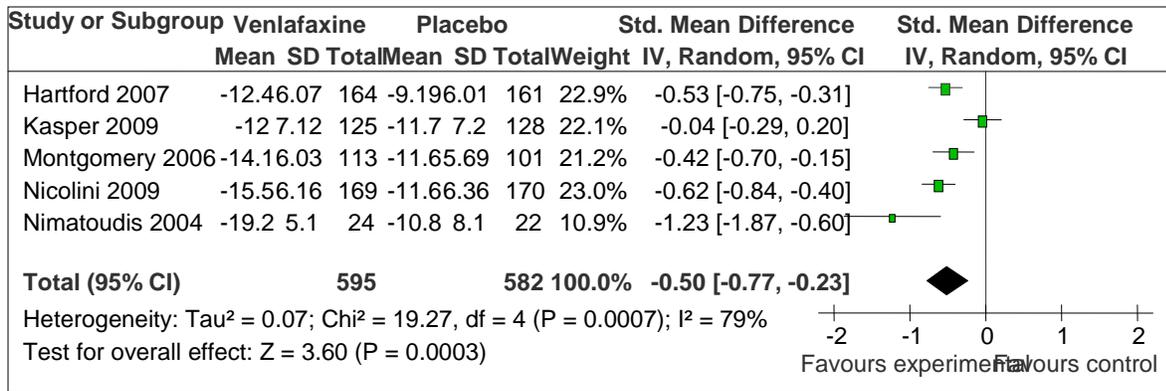


### Venlafaxine versus Placebo

Intervention: Venlafaxine

Comparator: Placebo

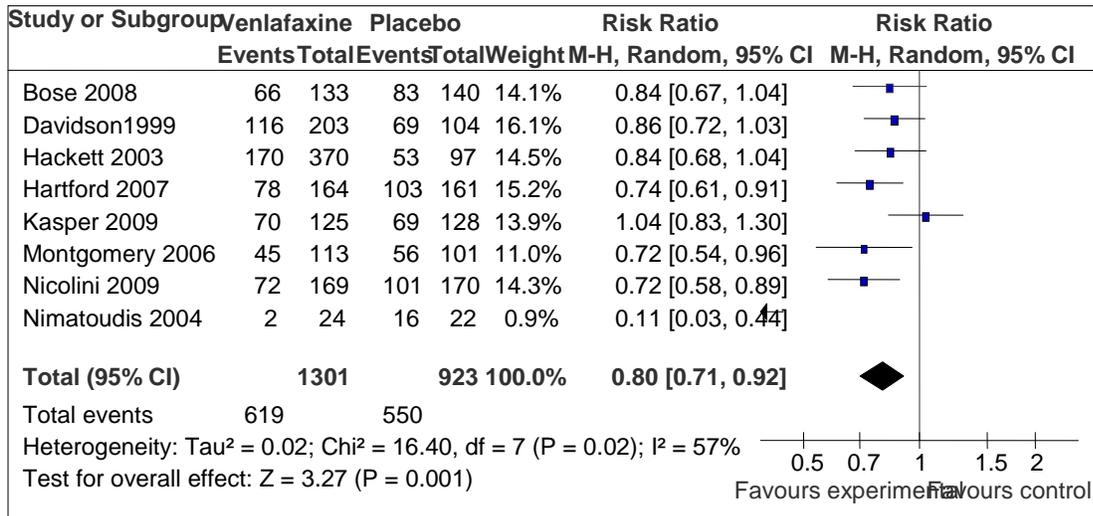
Outcome: HAMA



Intervention: Venlafaxine

Comparator: Placebo

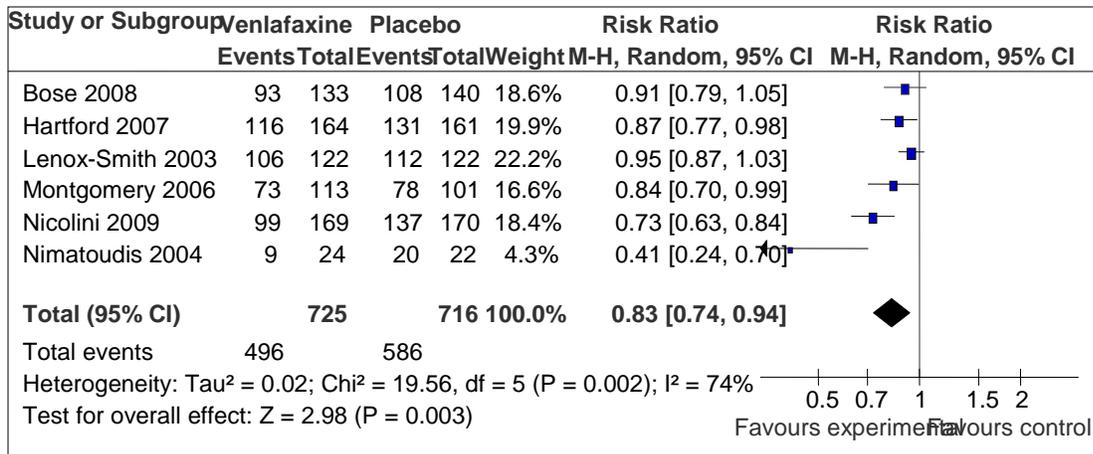
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Venlafaxine

Comparator: Placebo

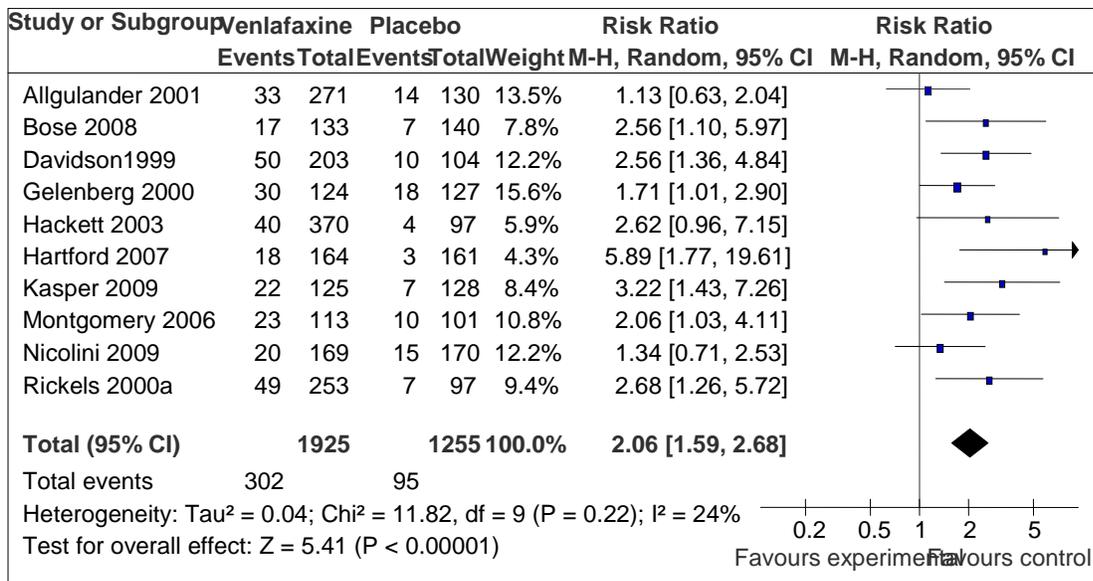
Outcome: Non-remission (≥7 on HAMA)



Intervention: Venlafaxine

Comparator: Placebo

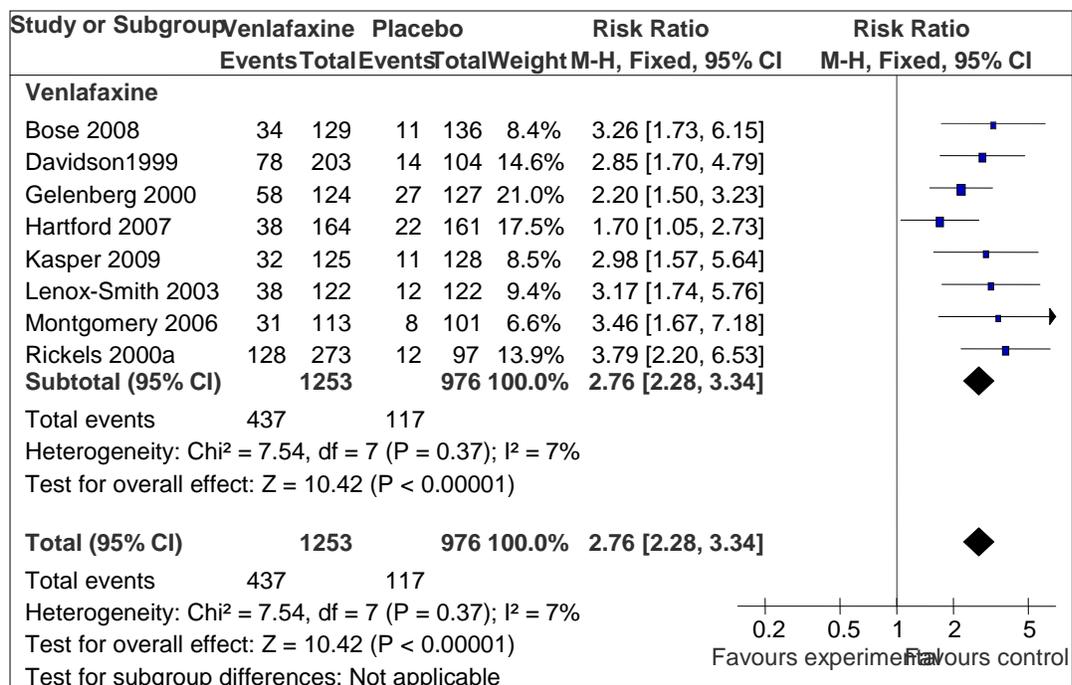
Outcome: Discontinuation due to adverse events



Intervention: Venlafaxine

Comparator: Placebo

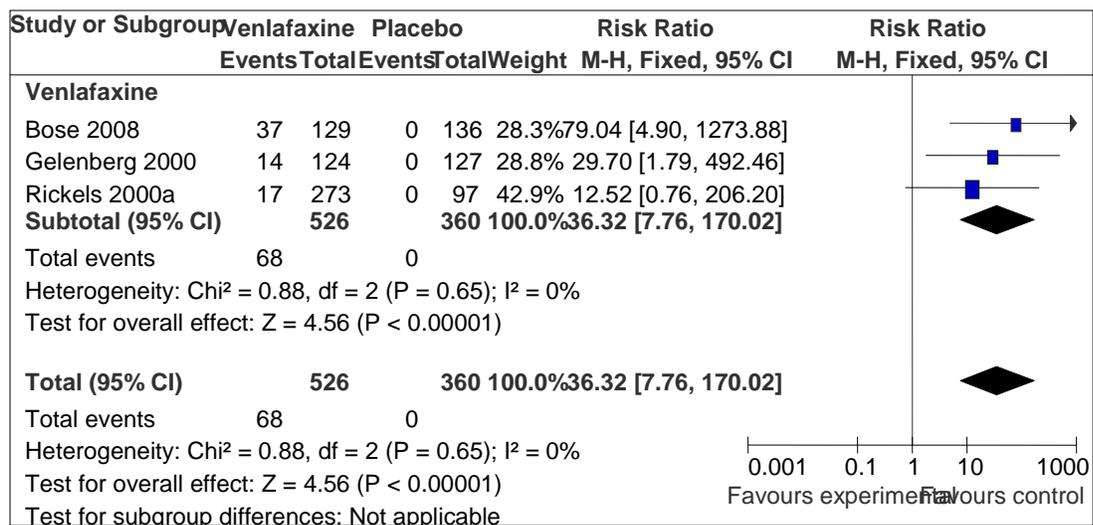
Outcome: Nausea



Intervention: Venlafaxine

Comparator: Placebo

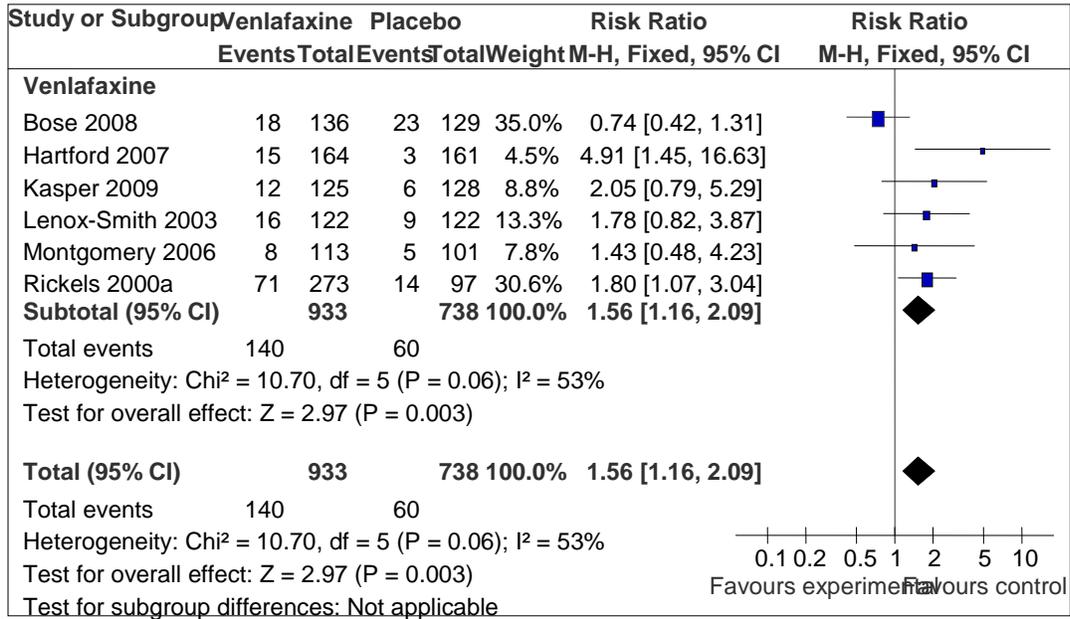
Outcome: Sexual problems



Intervention: Venlafaxine

Comparator: Placebo

Outcome: Insomnia

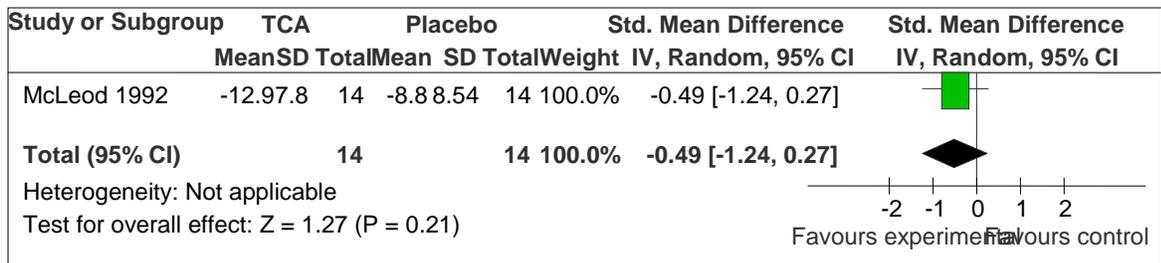


## Imipramine versus Placebo

Intervention: Imipramine

Comparator: Placebo

Outcome: HAMA

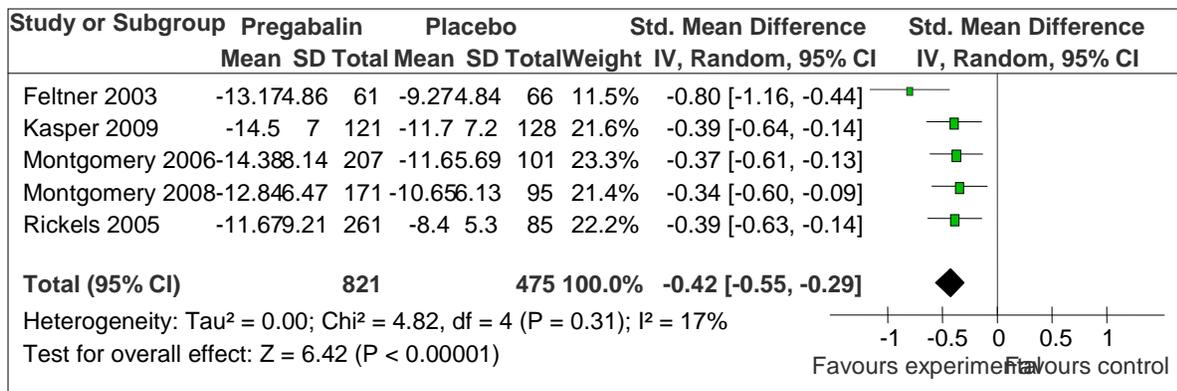


## Pregablin versus Placebo

Intervention: Pregablin

Comparator: Placebo

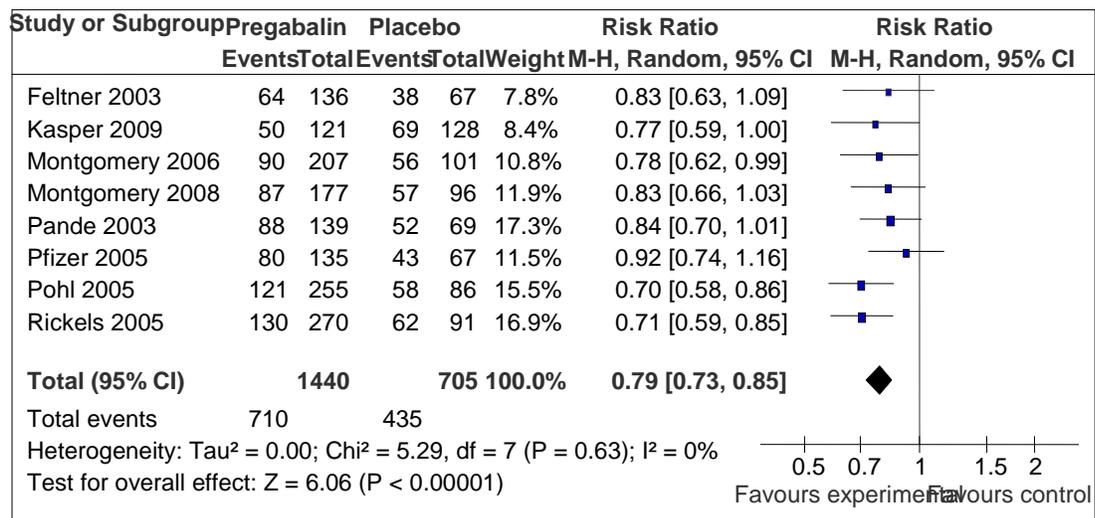
Outcome: HAMA



Intervention: Pregablin

Comparator: Placebo

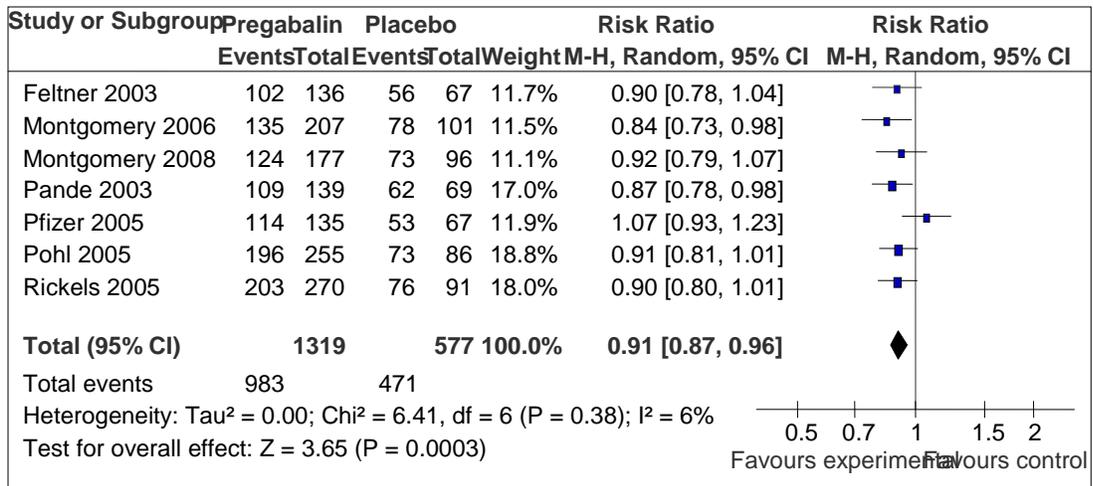
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Pregablin

Comparator: Placebo

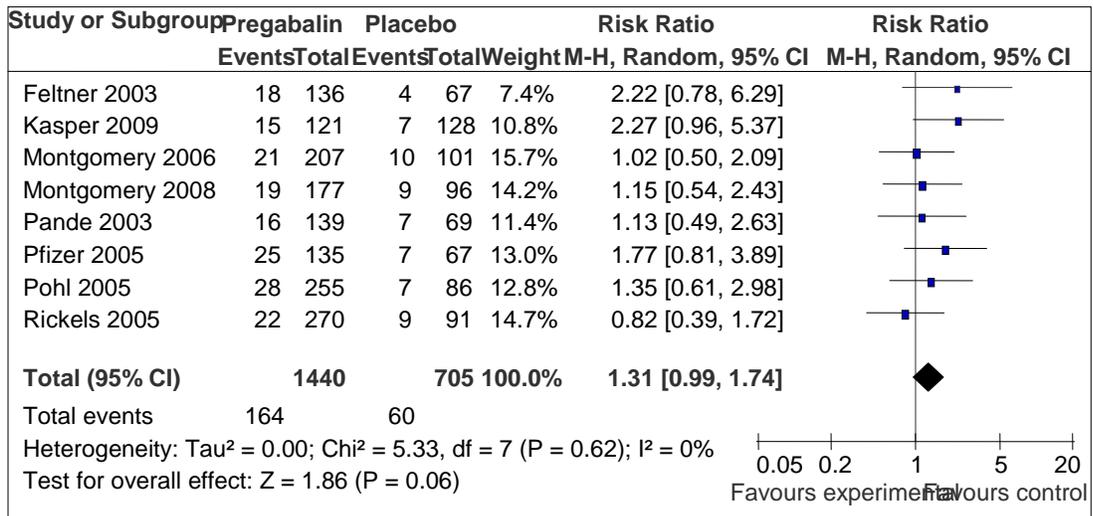
Outcome: Non-remission (≥7 on HAMA)



Intervention: Pregablin

Comparator: Placebo

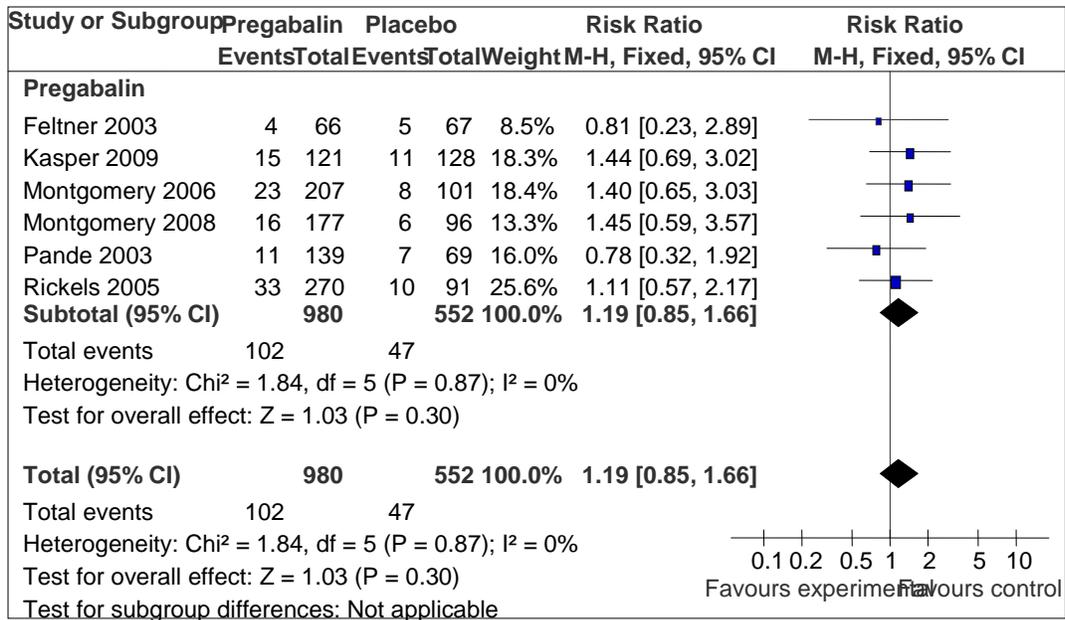
Outcome: Discontinuation due to adverse events



Intervention: Pregablin

Comparator: Placebo

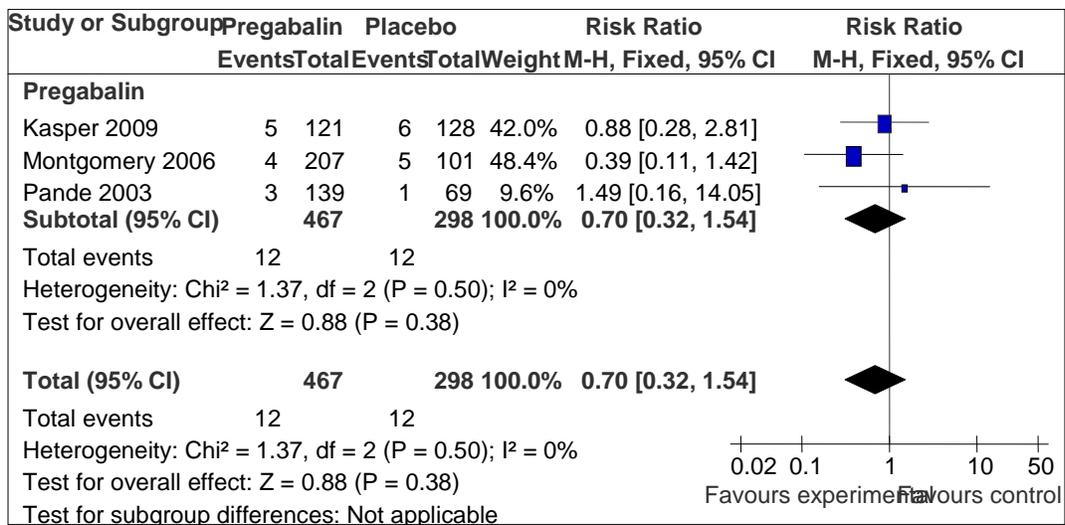
Outcome: Nausea



Intervention: Pregabalin

Comparator: Placebo

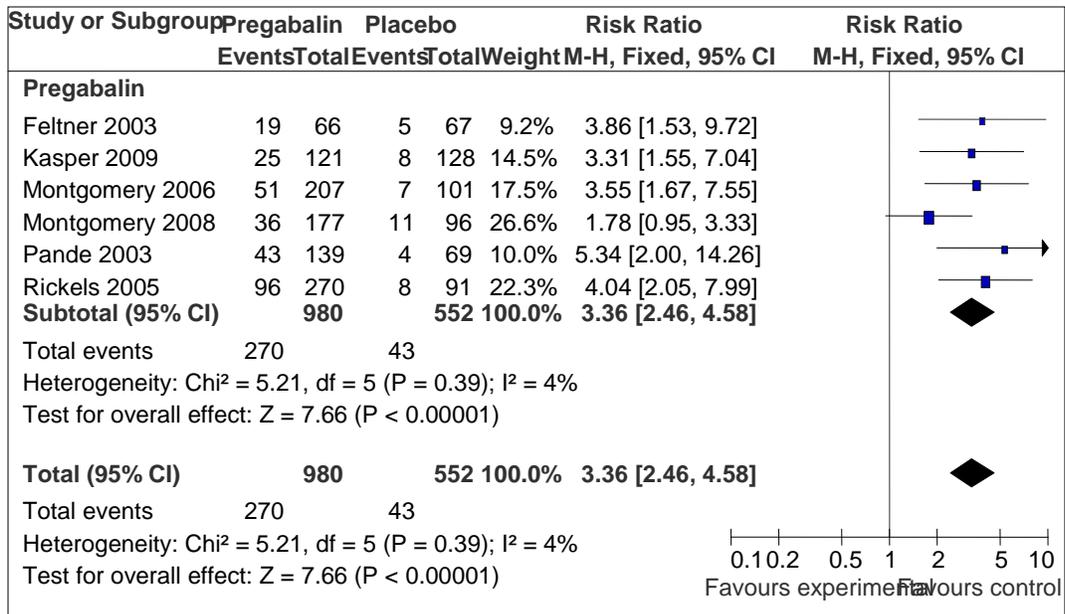
Outcome: Insomnia



Intervention: Pregabalin

Comparator: Placebo

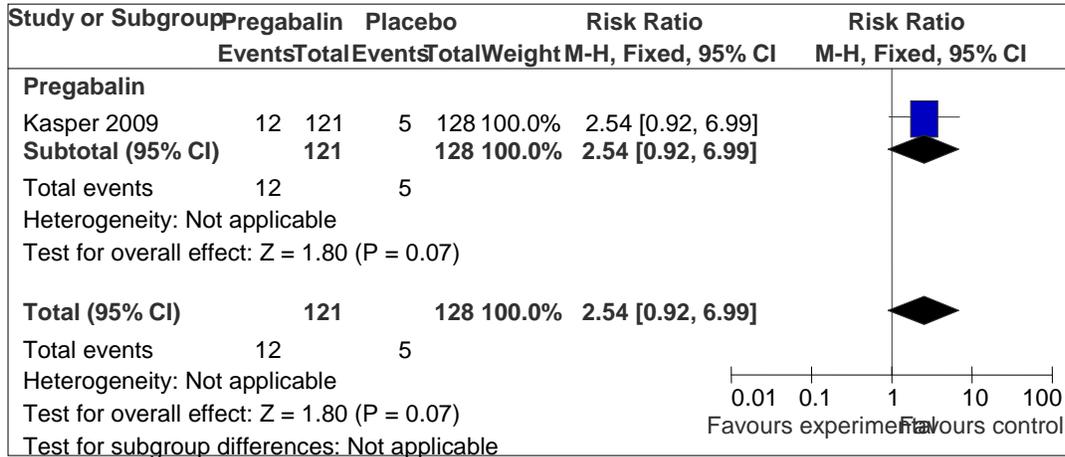
Outcome: Dizziness



Intervention: Pregabalin

Comparator: Placebo

Outcome: Fatigue



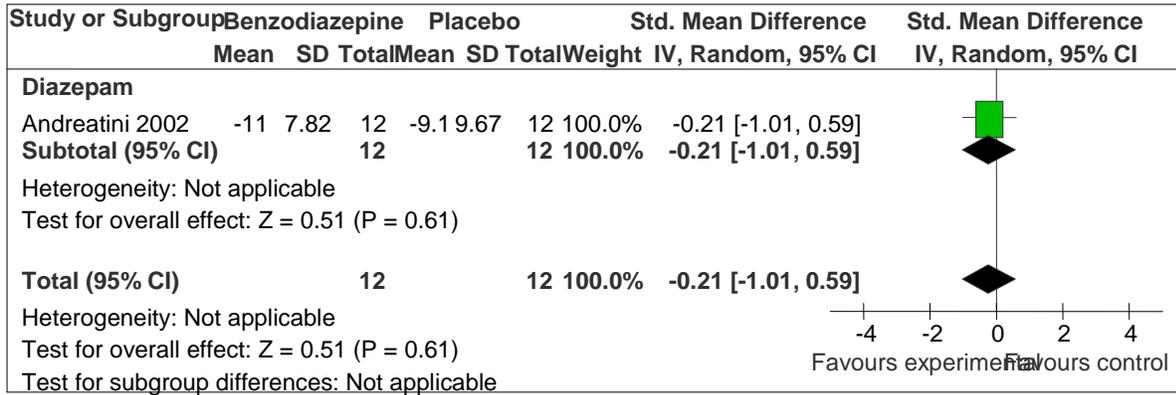
## Benzodiazepine versus Placebo

### Diazepam versus Placebo

Intervention: Diazepam

Comparator: Placebo

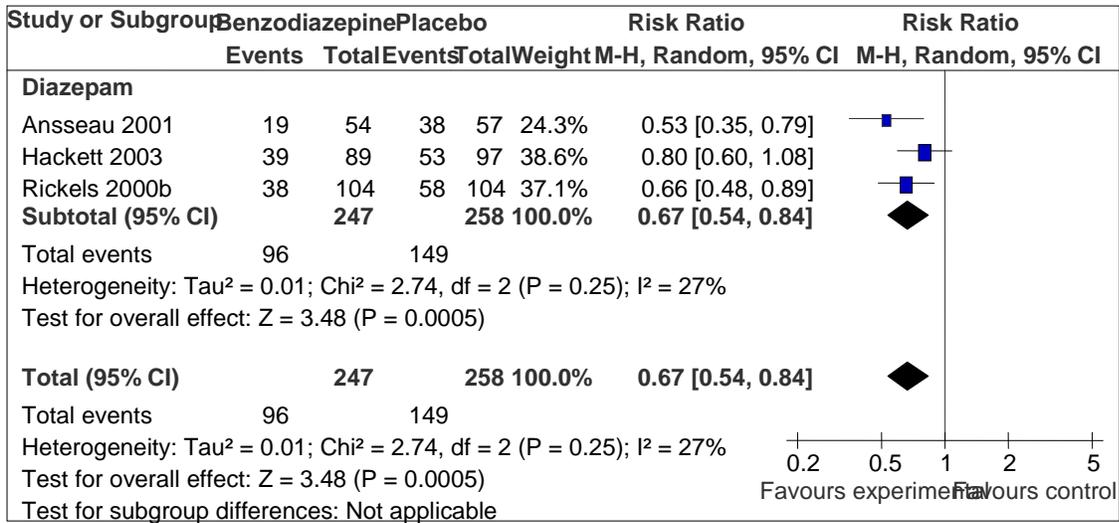
Outcome: HAMA



Intervention: Diazepam

Comparator: Placebo

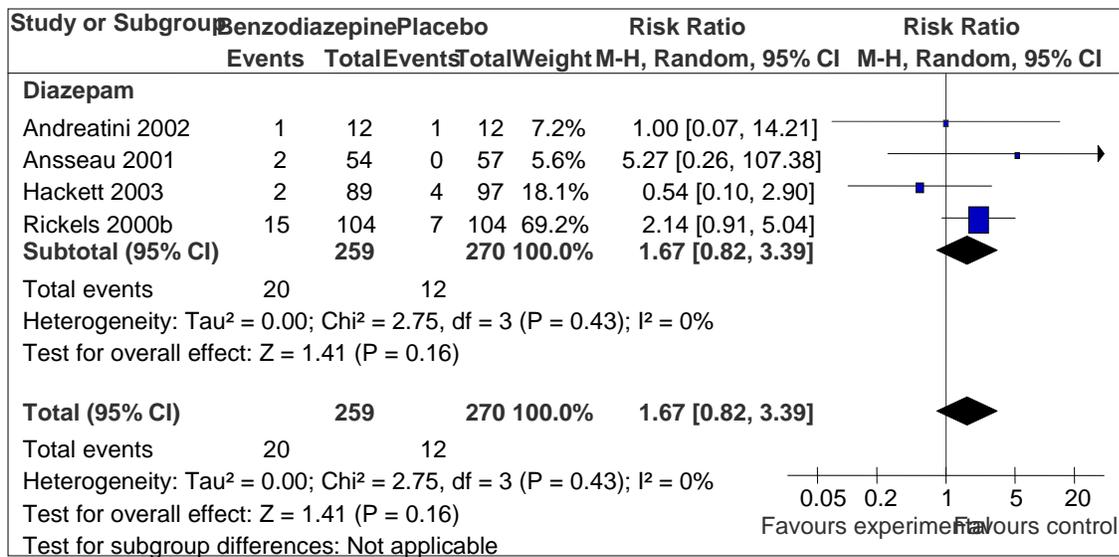
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Diazepam

Comparator: Placebo

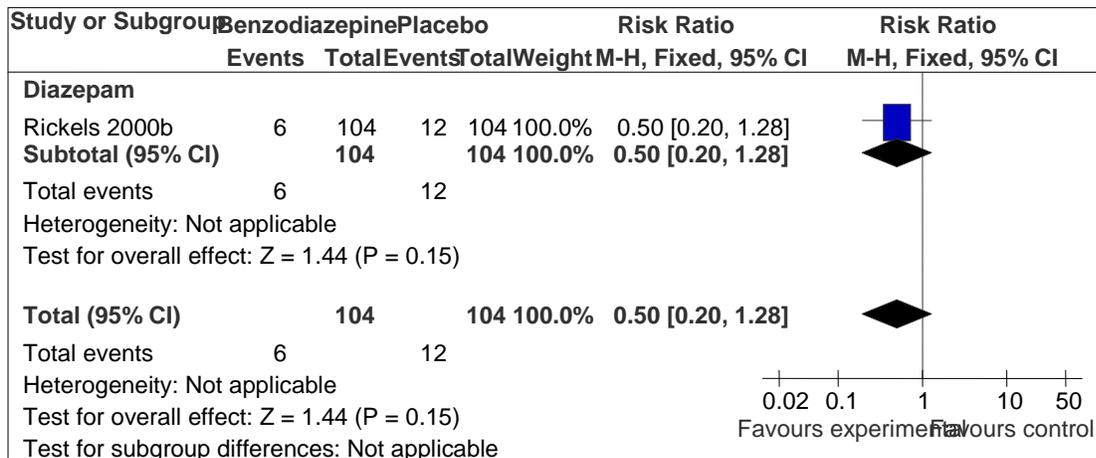
Outcome: Discontinuation due to adverse events



Intervention: Diazepam

Comparator: Placebo

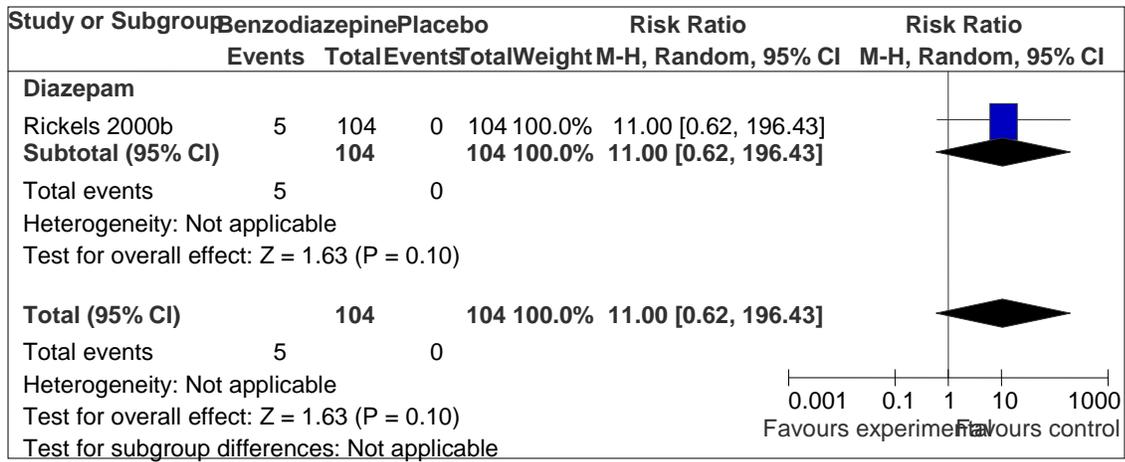
Outcome: Nausea



Intervention: Diazepam

Comparator: Placebo

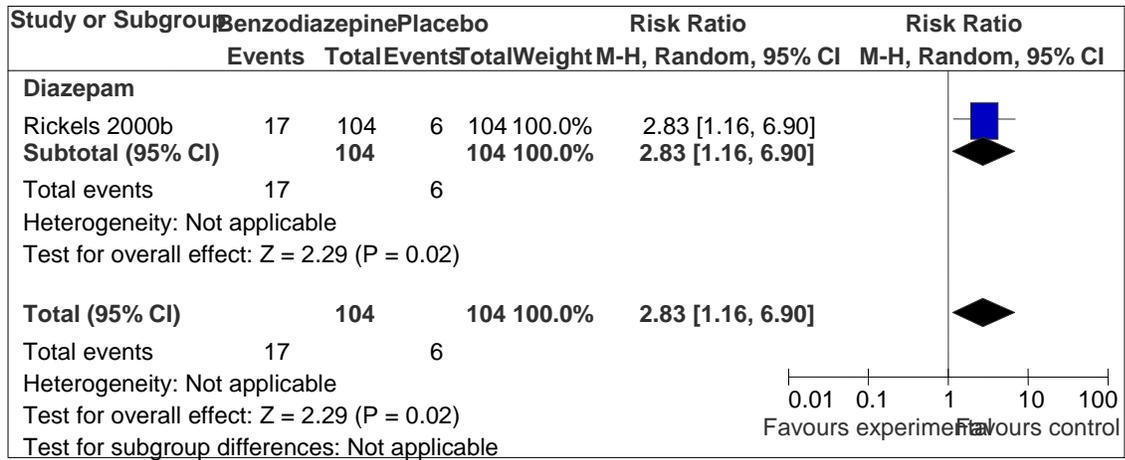
Outcome: Sexual problems



Intervention: Diazepam

Comparator: Placebo

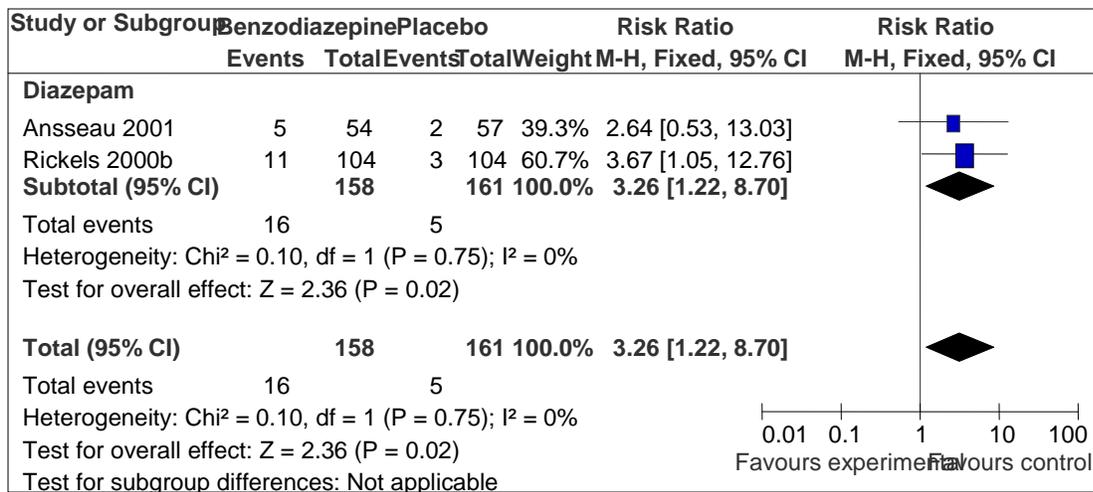
Outcome: Fatigue



Intervention: Diazepam

Comparator: Placebo

Outcome: Dizziness

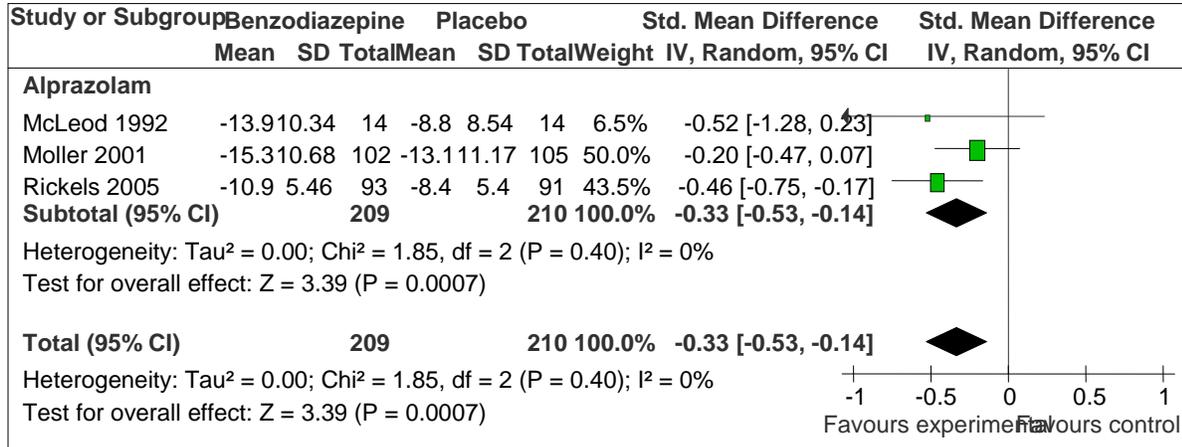


### Alprazolam versus Placebo

Intervention: Alprazolam

Comparator: Placebo

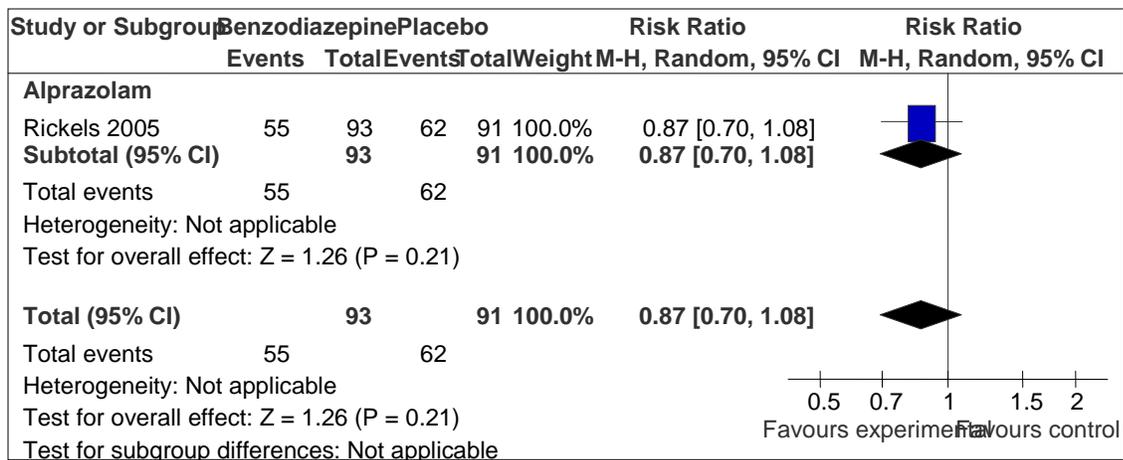
Outcome: HAMA



Intervention: Alprazolam

Comparator: Placebo

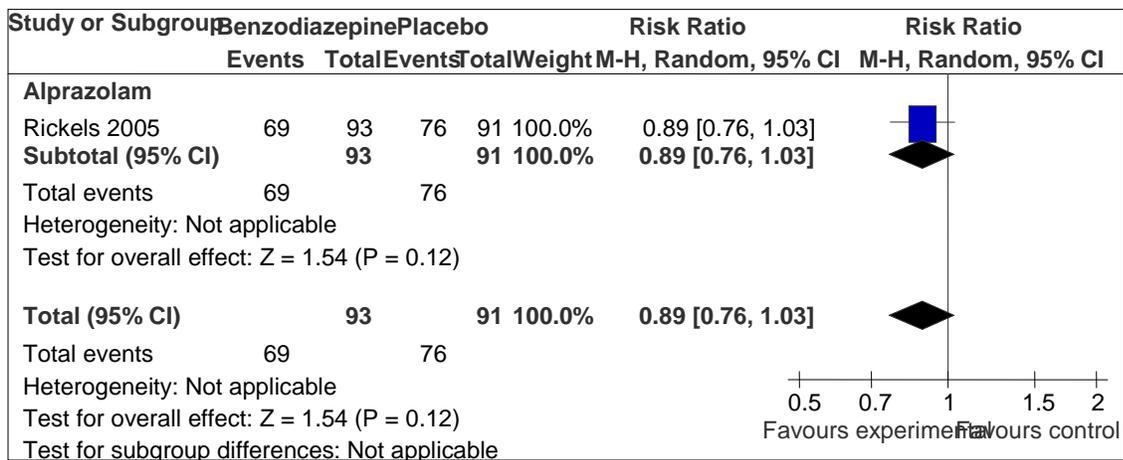
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Alprazolam

Comparator: Placebo

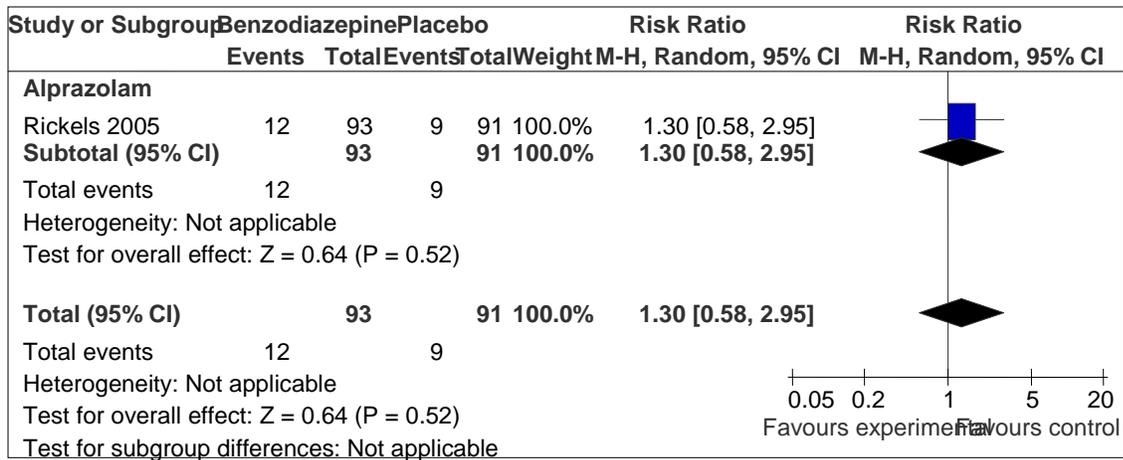
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Alprazolam

Comparator: Placebo

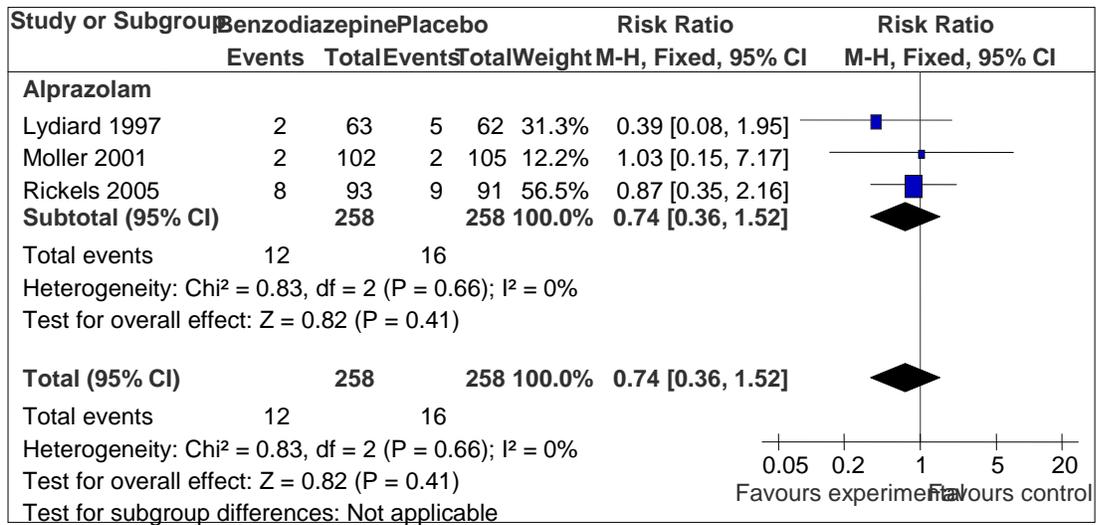
Outcome: Discontinuation due to adverse events



Intervention: Alprazolam

Comparator: Placebo

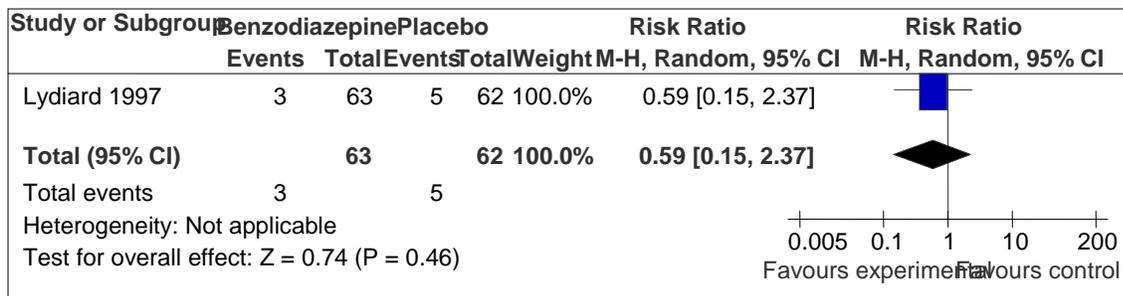
Outcome: Nausea



Intervention: Alprazolam

Comparator: Placebo

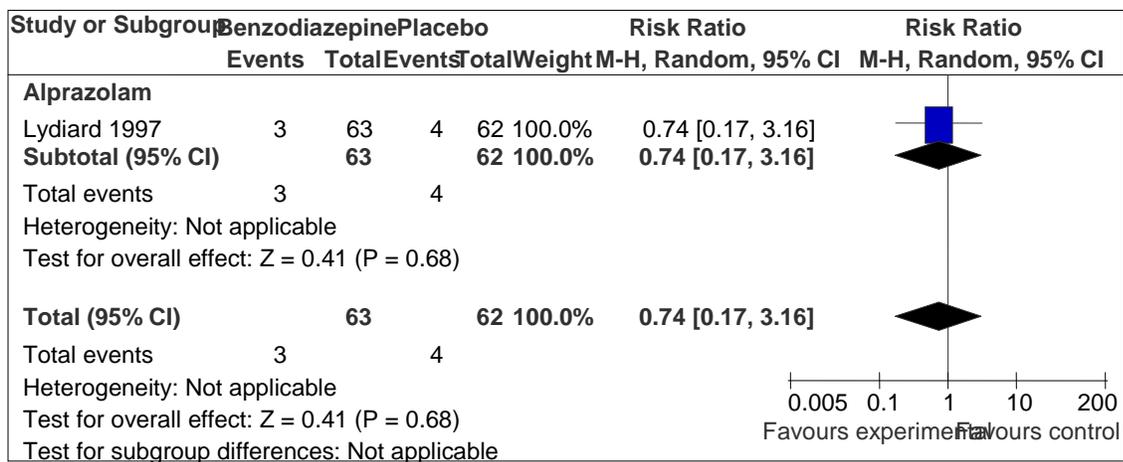
Outcome: Insomnia



Intervention: Alprazolam

Comparator: Placebo

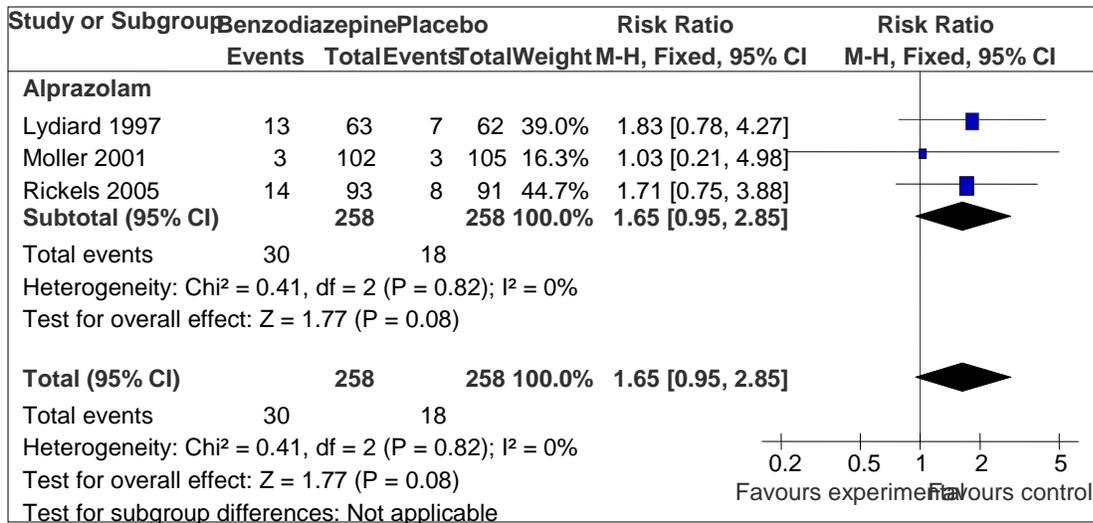
Outcome: Fatigue



Intervention: Alprazolam

Comparator: Placebo

Outcome: Dizziness

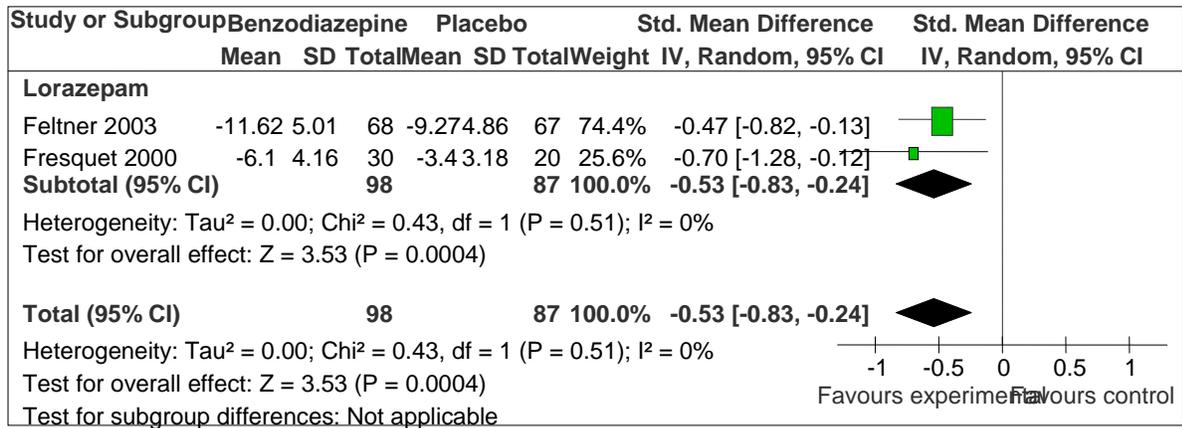


### Lorazepam versus Placebo

Intervention: Lorazepam

Comparator: Placebo

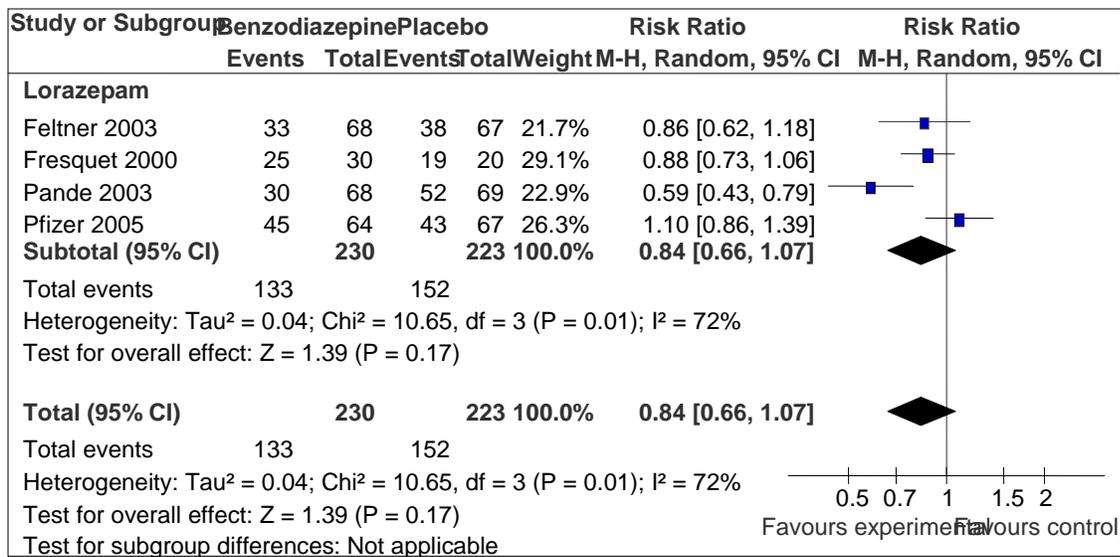
Outcome: HAMA



Intervention: Lorazepam

Comparator: Placebo

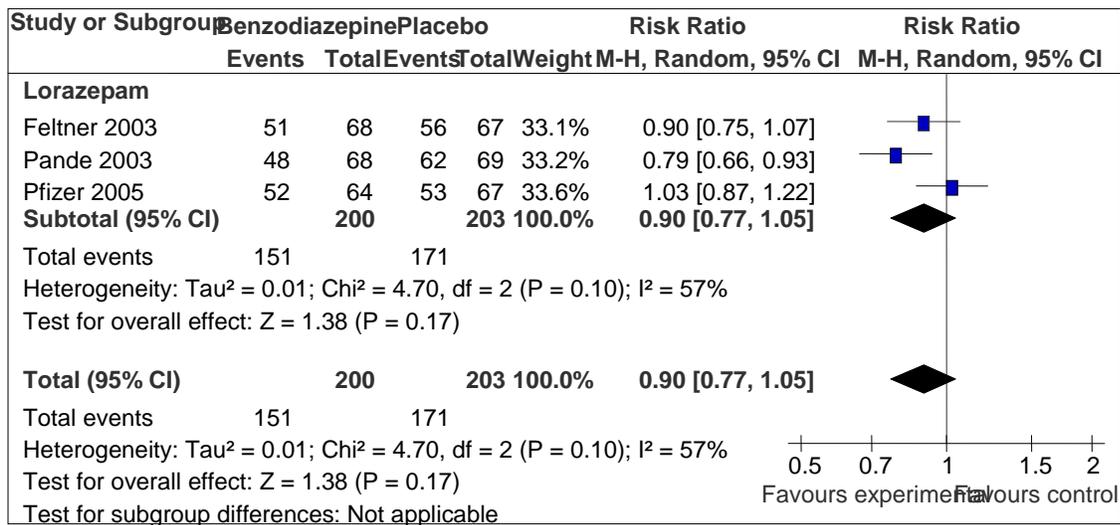
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Lorazepam

Comparator: Placebo

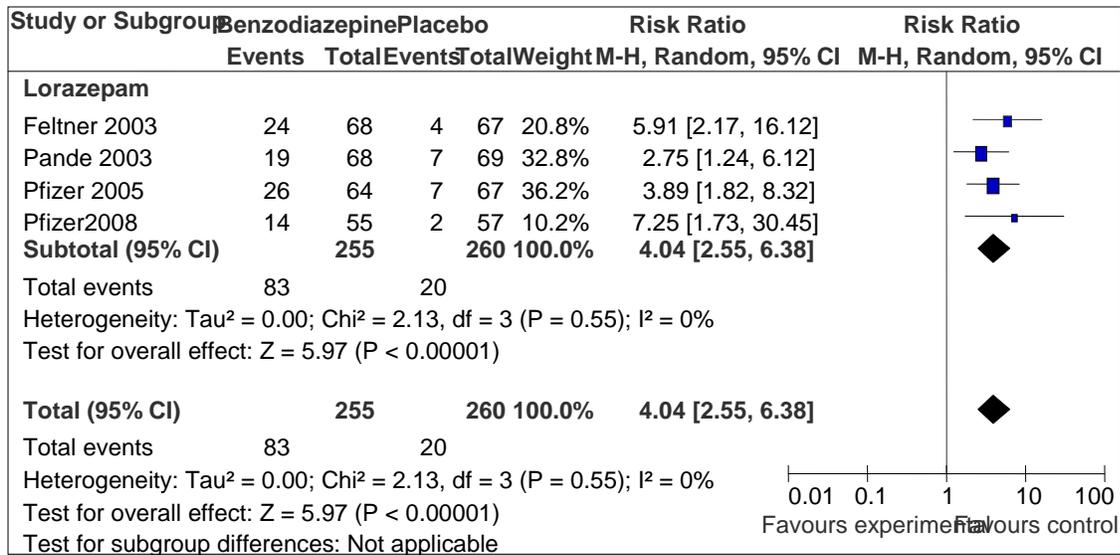
Outcome: Non-remission (≥7 on HAMA)



Intervention: Lorazepam

Comparator: Placebo

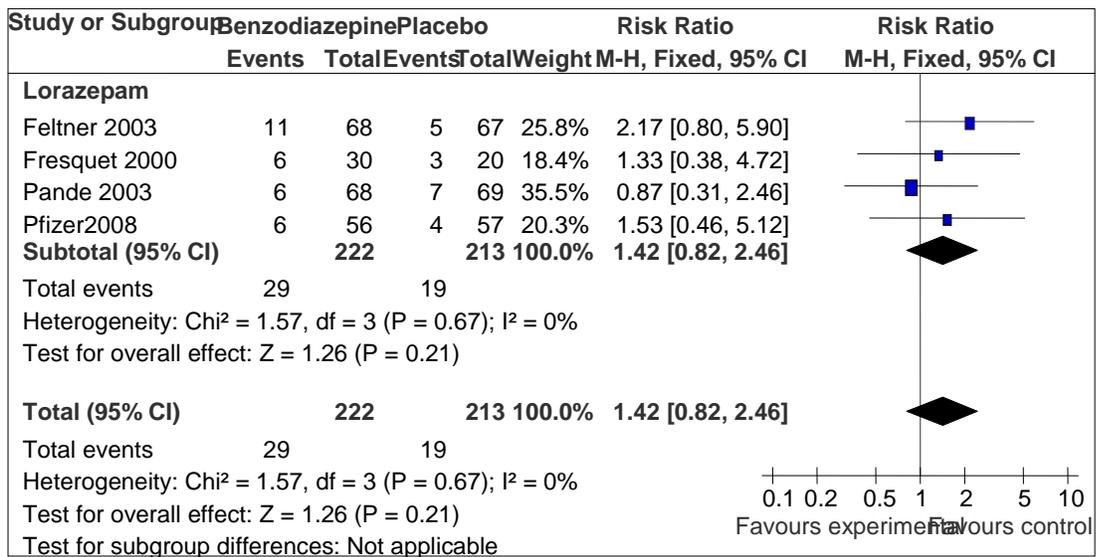
Outcome: Discontinuation due to adverse events



Intervention: Lorazepam

Comparator: Placebo

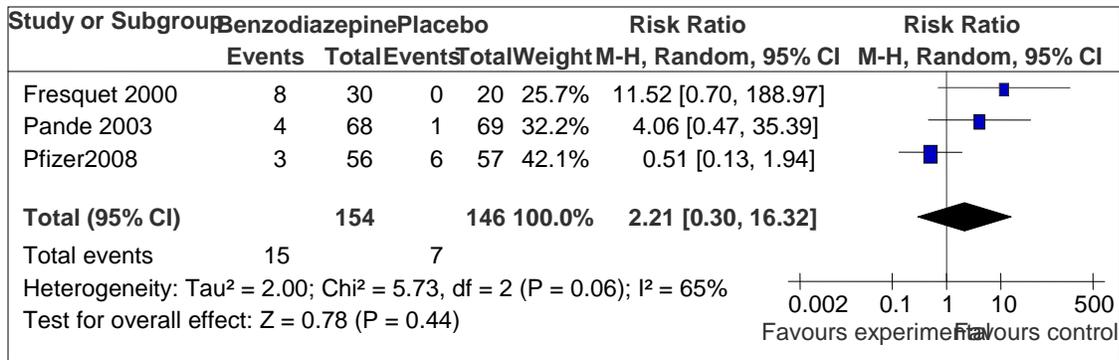
Outcome: Nausea



Intervention: Lorazepam

Comparator: Placebo

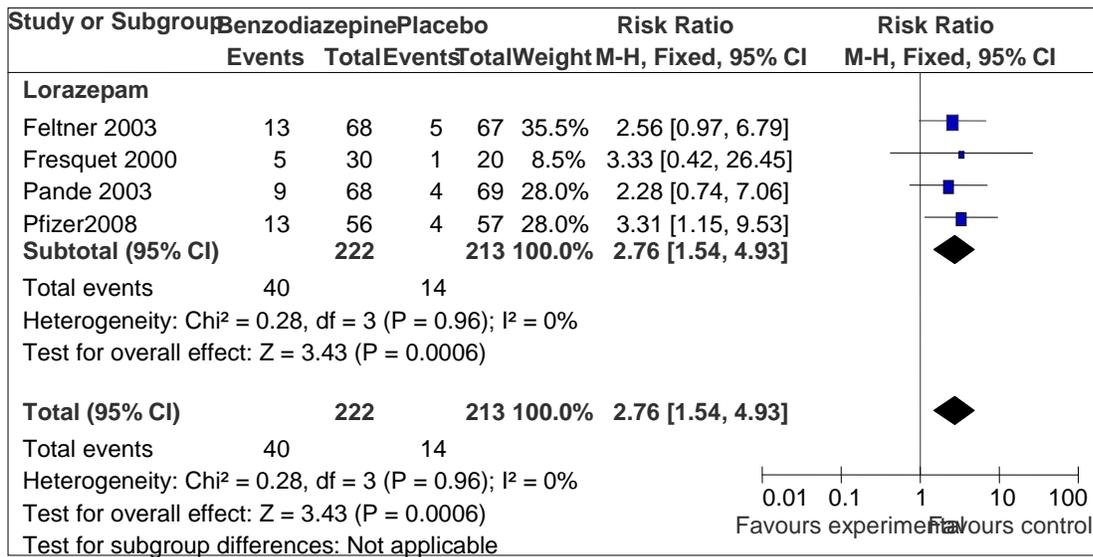
Outcome: Insomnia



Intervention: Lorazepam

Comparator: Placebo

Outcome: Dizziness



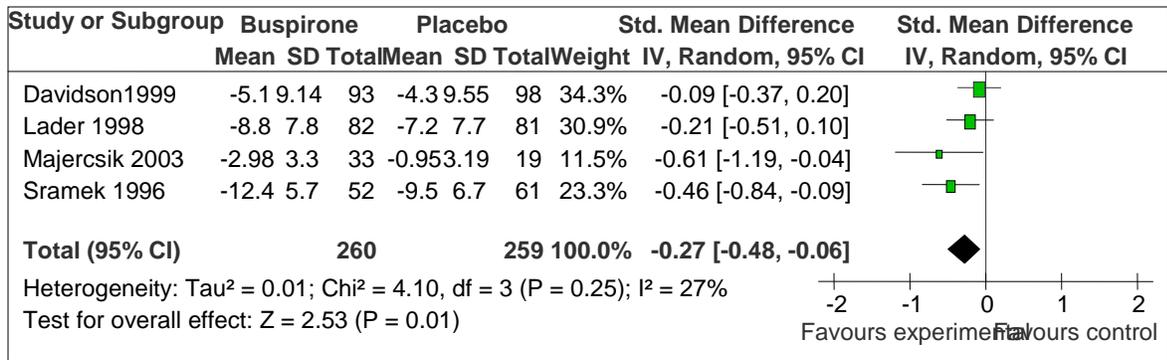
## Buspirone versus Placebo

### Buspiron versus Placebo

Intervention: Buspirone

Comparator: Placebo

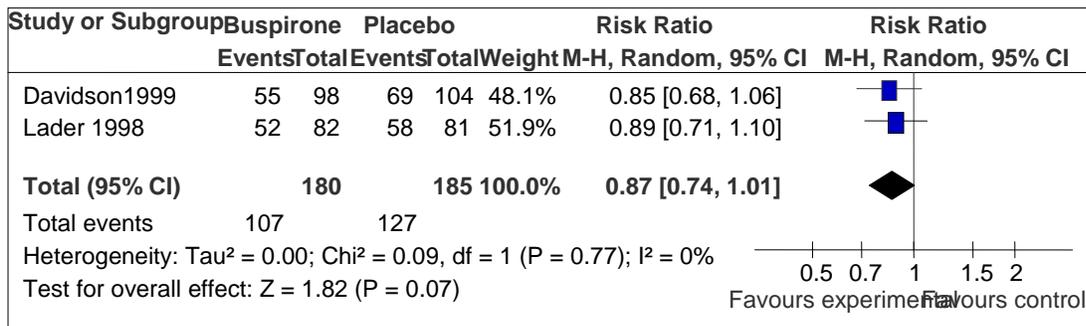
Outcome: HAMA



Intervention: Buspirone

Comparator: Placebo

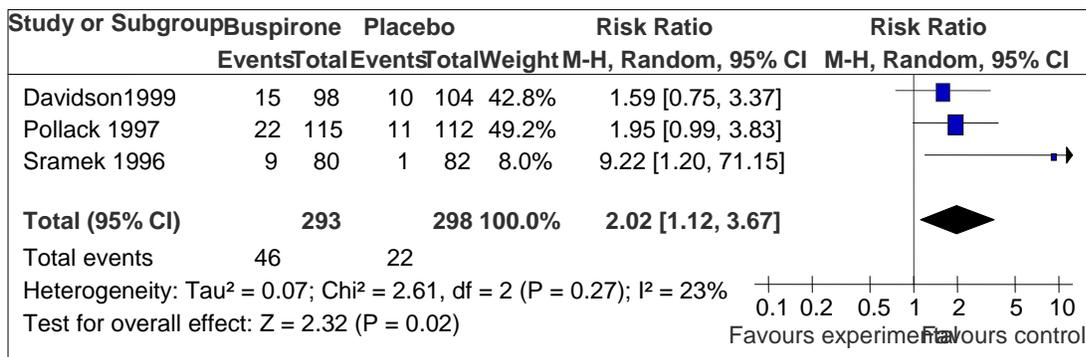
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Buspirone

Comparator: Placebo

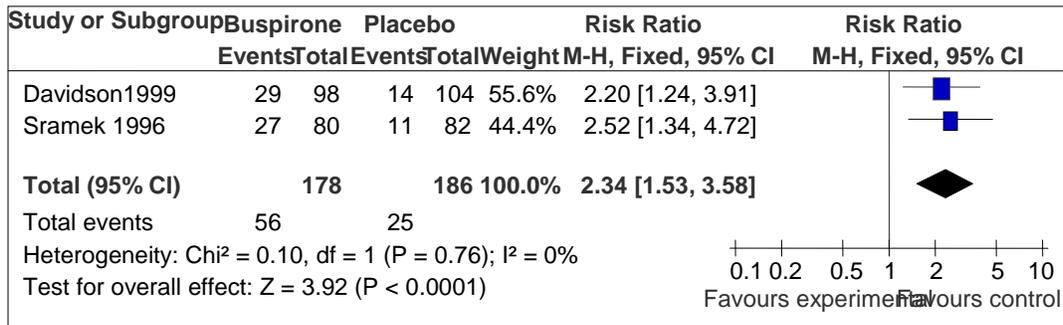
Outcome: Discontinuation due to adverse events



Intervention: Buspirone

Comparator: Placebo

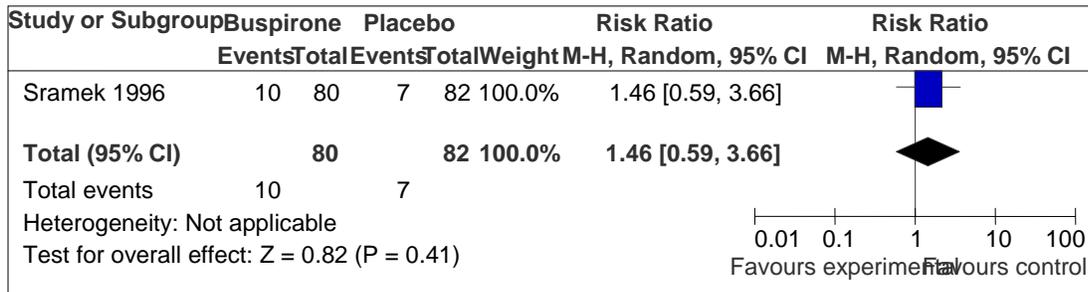
Outcome: Nausea



Intervention: Buspirone

Comparator: Placebo

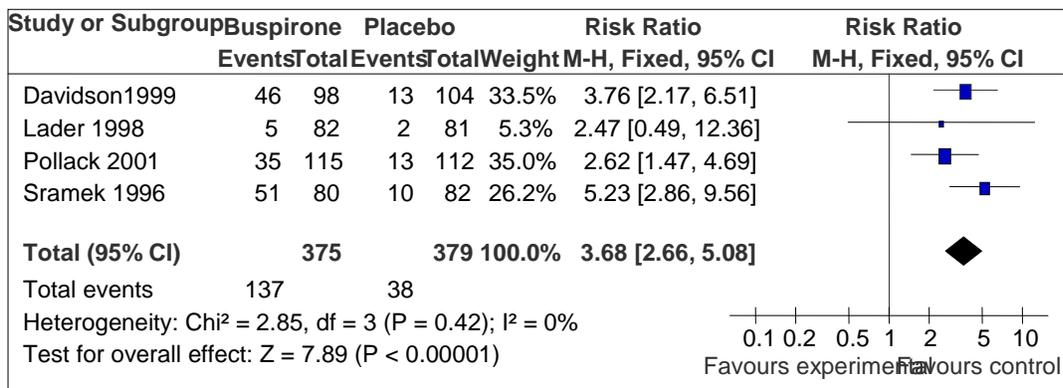
Outcome: Insomnia



Intervention: Buspirone

Comparator: Placebo

Outcome: Dizziness



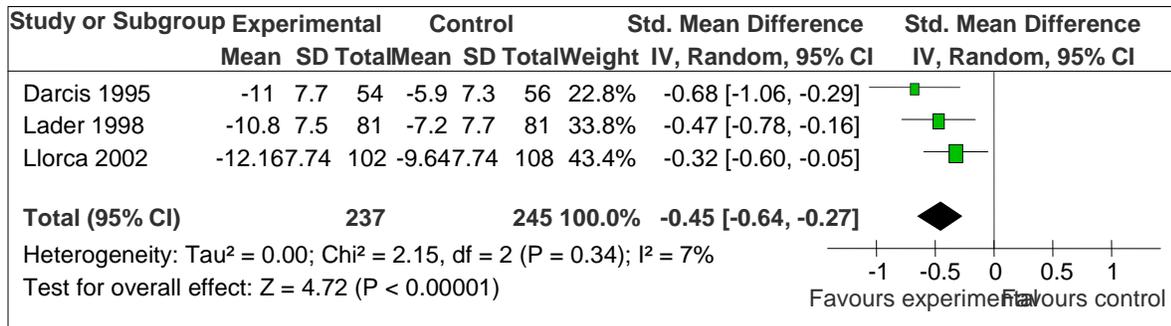
## Hydroxysine versus Placebo

### Hydroxyzine versus Placebo

Intervention: Hydroxysine

Comparator: Placebo

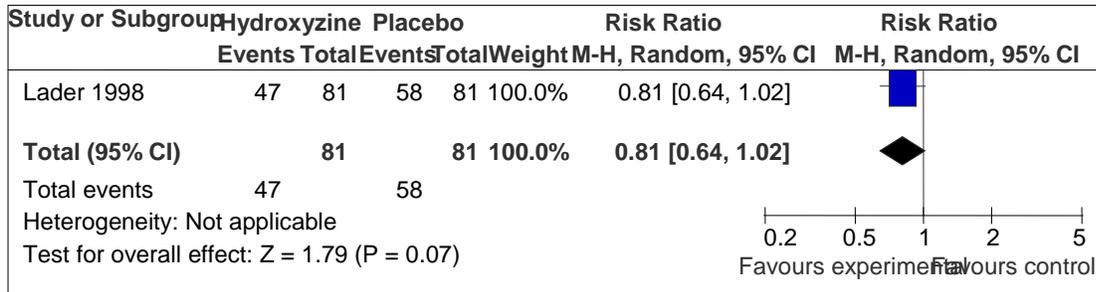
Outcome: HAMA



Intervention: Hydroxysine

Comparator: Placebo

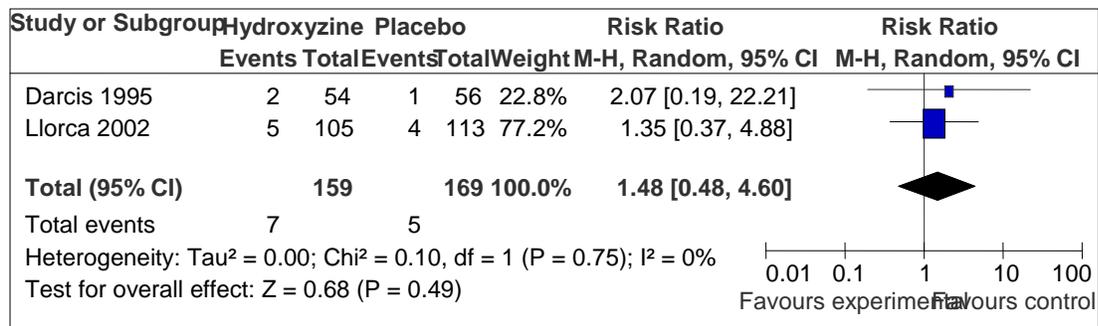
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Hydroxysine

Comparator: Placebo

Outcome: Discontinuation due to adverse events

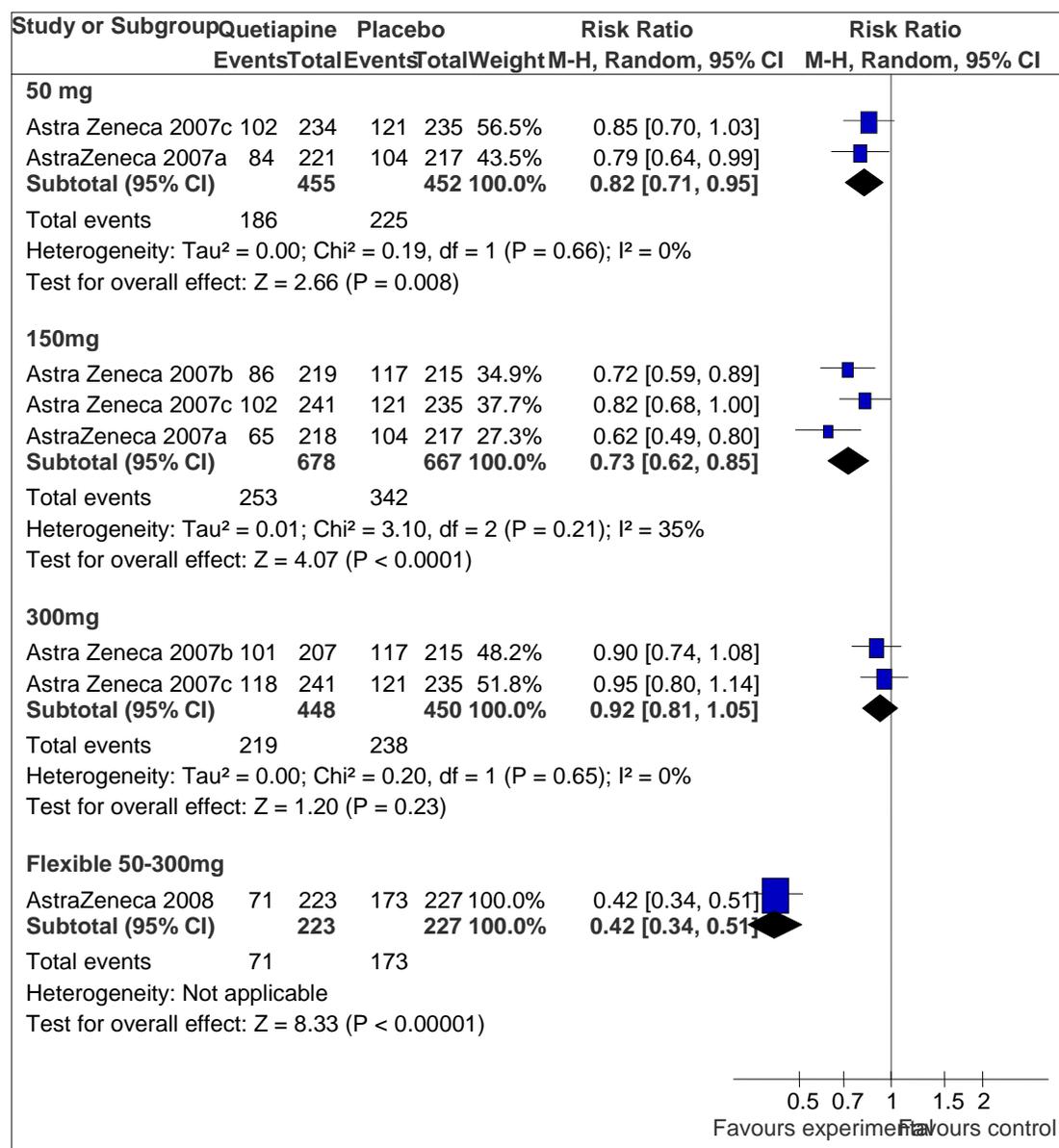


## Quetiapine versus Placebo

Intervention: Quetiapine 50mg, 150mg, 300mg and flexible dose

Comparator: Placebo

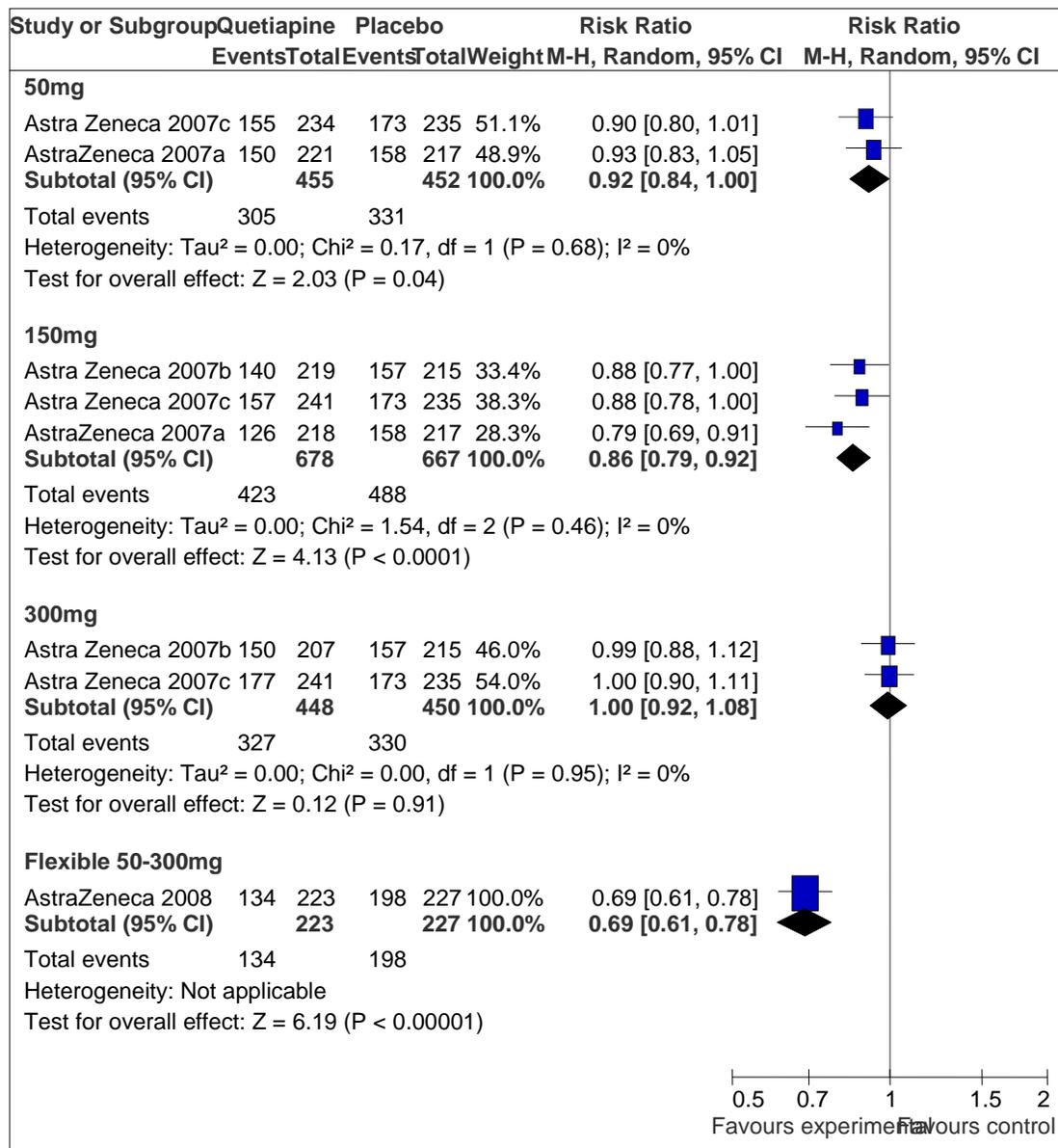
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Quetiapine 50mg, 150mg, 300mg and flexible dose

Comparator: Placebo

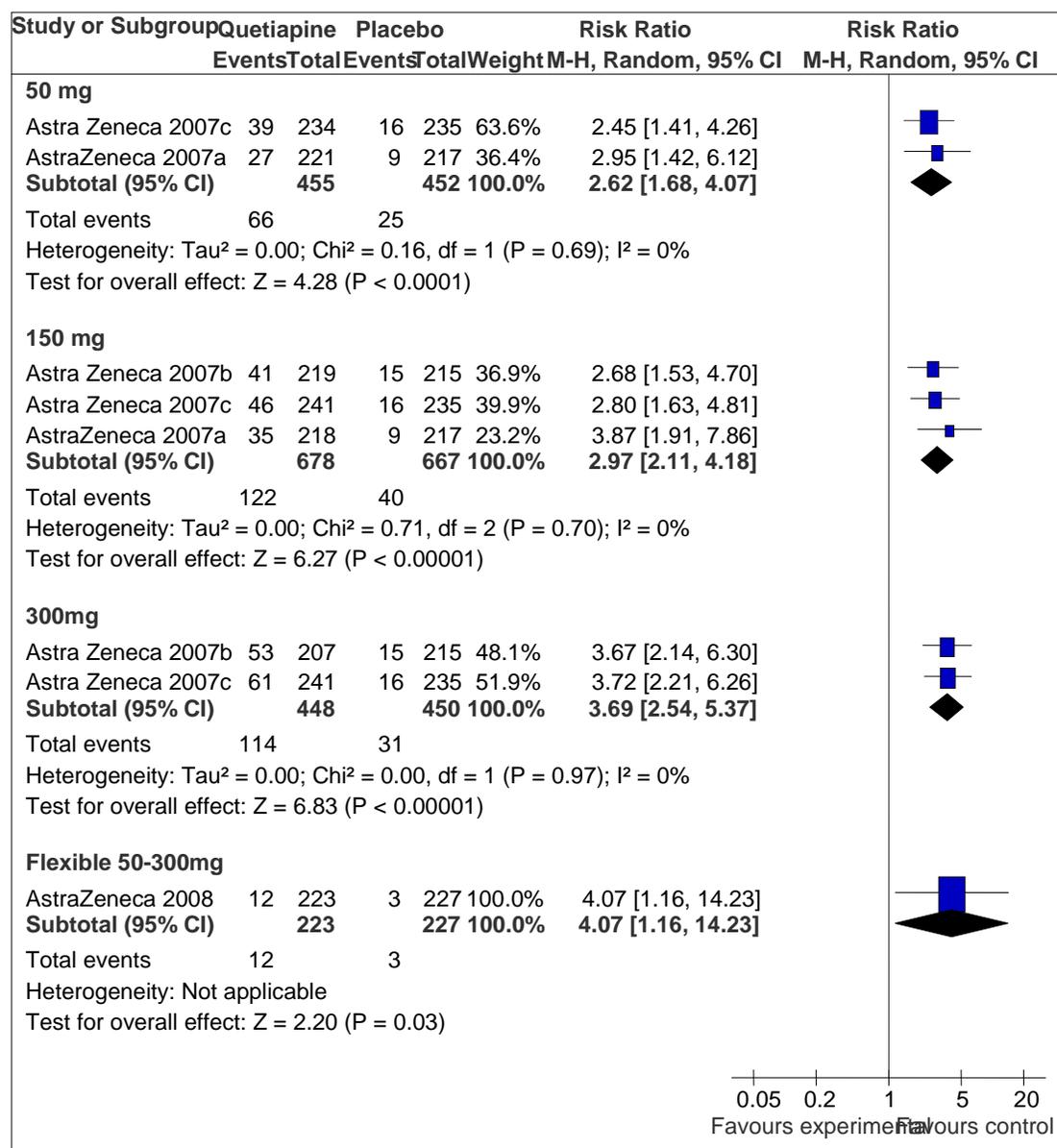
Outcome: Non-remission (≥7 on HAMA)



Intervention: Quetiapine 50mg, 150mg, 300mg and flexible dose

Comparator: Placebo

Outcome: Discontinuation due to adverse events



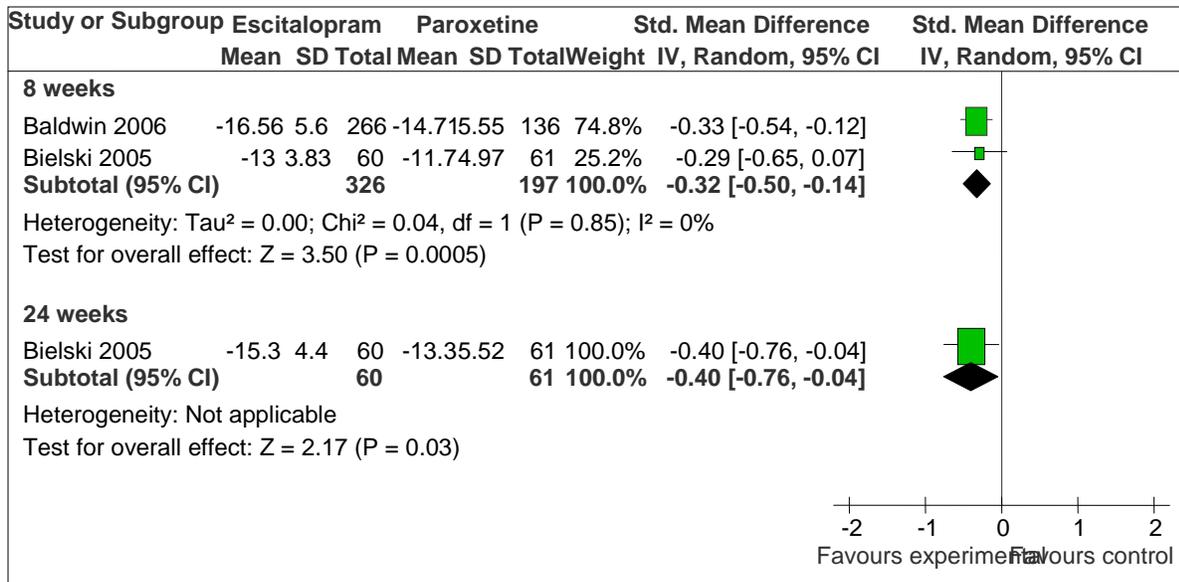
## Head-to-Head trials of Pharmacological Interventions

### Escitalopram versus Paroxetine

Intervention: Escitalopram

Comparator: Paroxetine

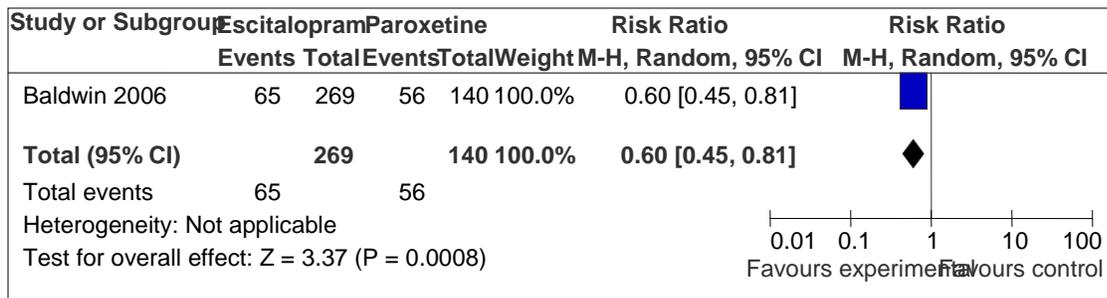
Outcome: HAMA (change from baseline)



Intervention: Escitalopram

Comparator: Paroxetine

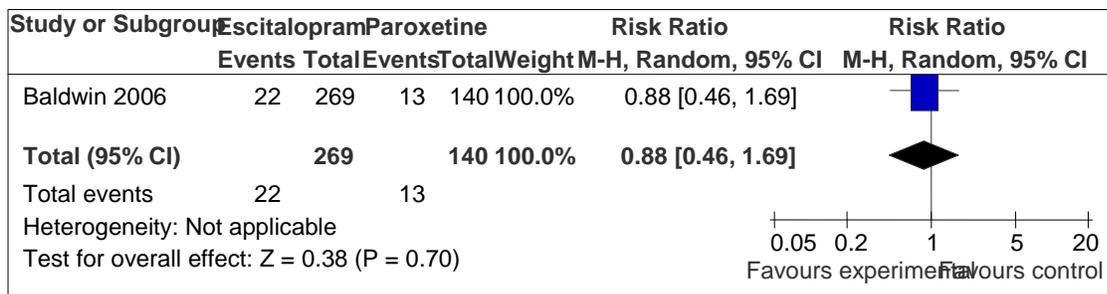
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Escitalopram

Comparator: Paroxetine

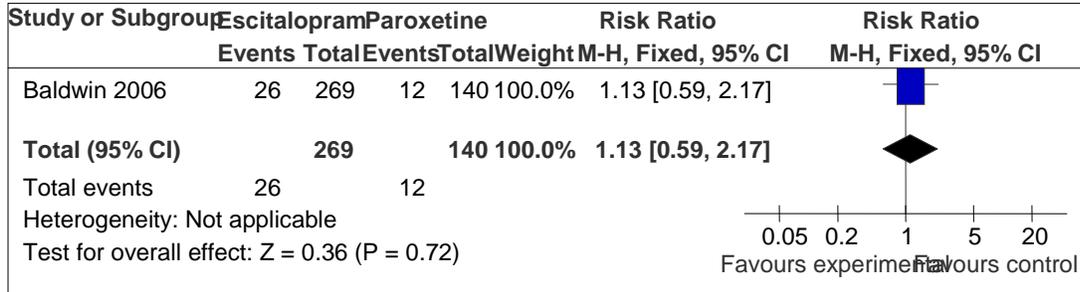
Outcome: Discontinuation due to adverse events



Intervention: Escitalopram

Comparator: Paroxetine

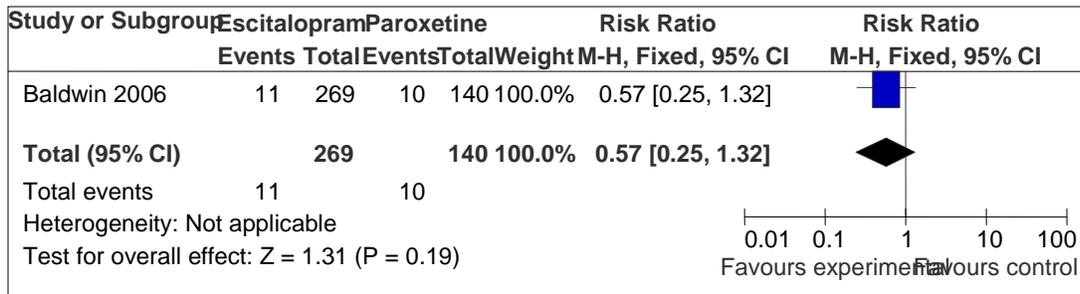
Outcome: Diarrhea



Intervention: Escitalopram

Comparator: Paroxetine

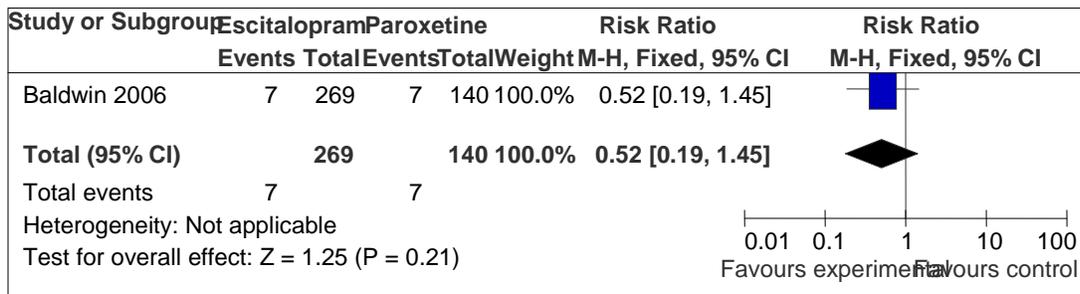
Outcome: Sexual problems



Intervention: Escitalopram

Comparator: Paroxetine

Outcome: Anxiety

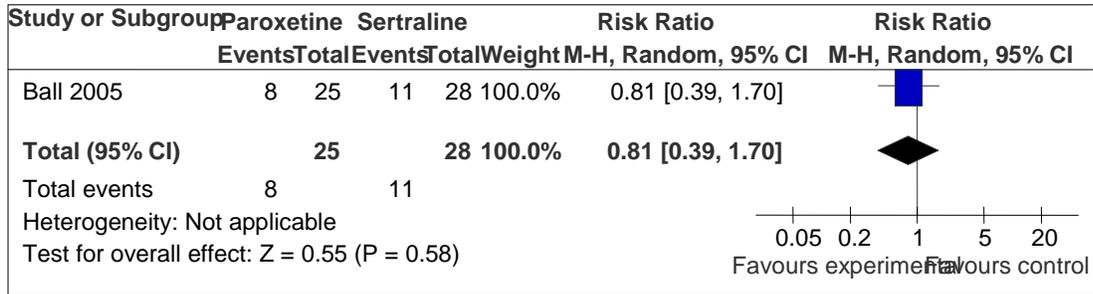


### Sertraline versus Paroxetine

Intervention: Sertraline

Comparator: Paroxetine

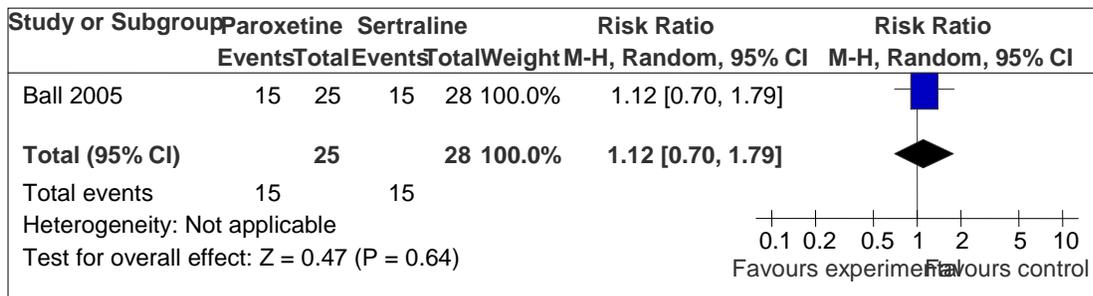
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Sertraline

Comparator: Paroxetine

Outcome: Non-remission ( $\geq 7$  on HAMA)

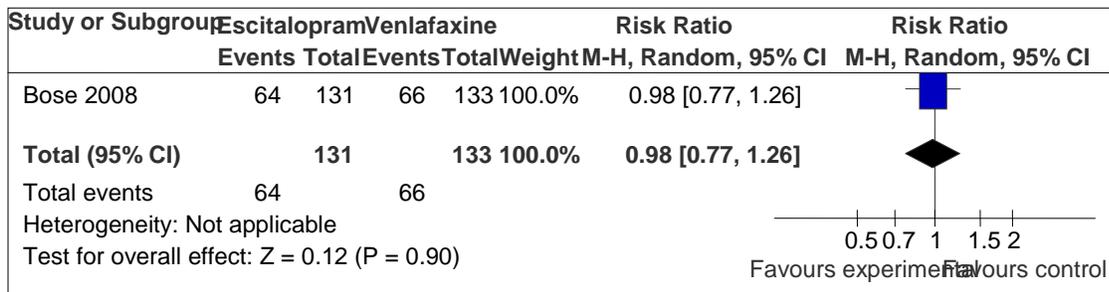


### Escitalopram versus Venlafaxine

Intervention: Escitalopram

Comparator: Venlafaxine

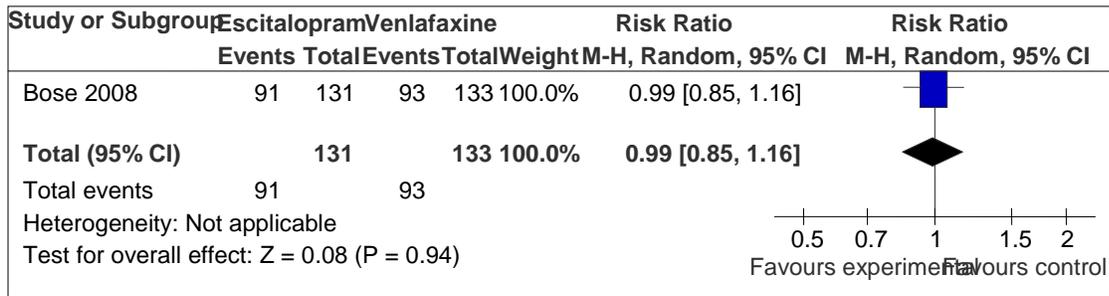
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Escitalopram

Comparator: Venlafaxine

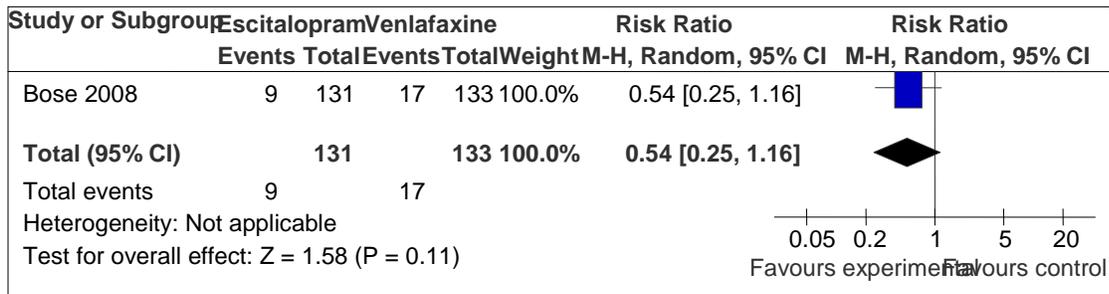
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Escitalopram

Comparator: Venlafaxine

Outcome: Discontinuation due to adverse events

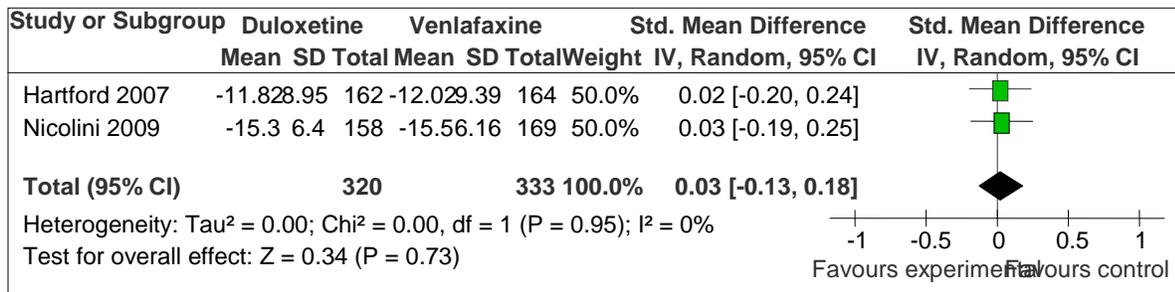


### Duloxetine versus Venlafaxine

Intervention: Duloxetine

Comparator: Venlafaxine

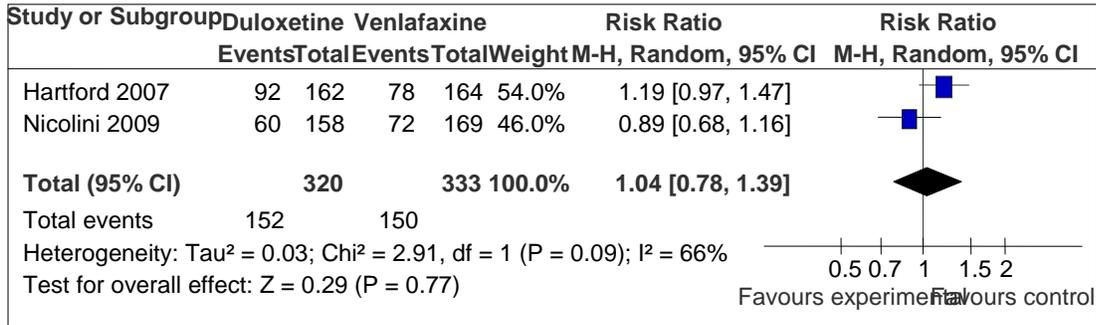
Outcome: HAMA



Intervention: Duloxetine

Comparator: Venlafaxine

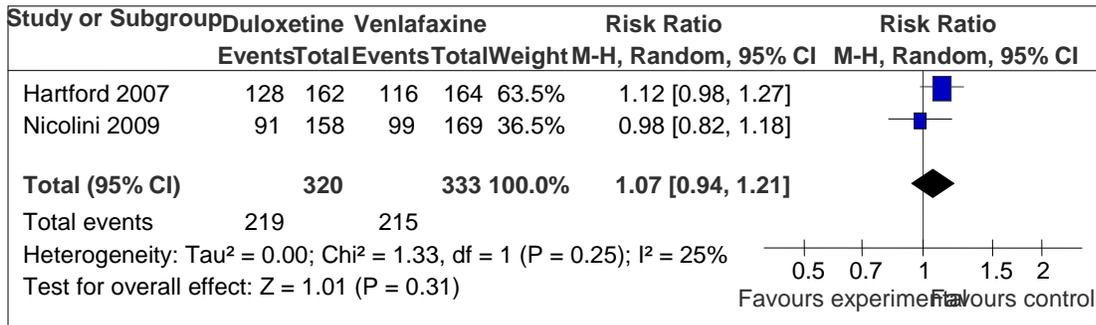
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Duloxetine

Comparator: Venlafaxine

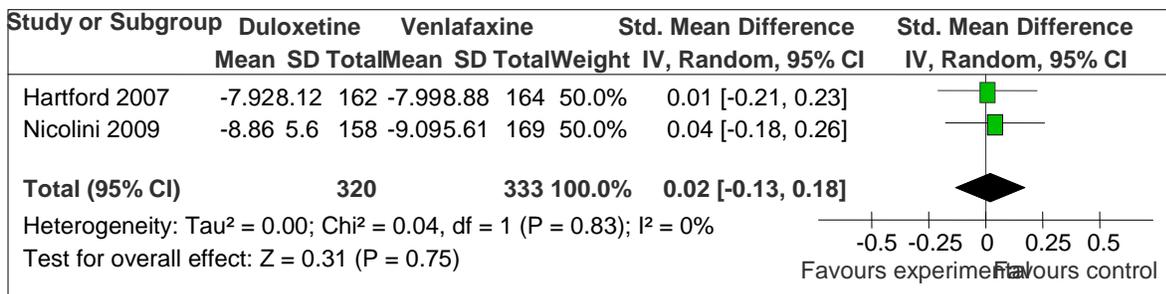
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Duloxetine

Comparator: Venlafaxine

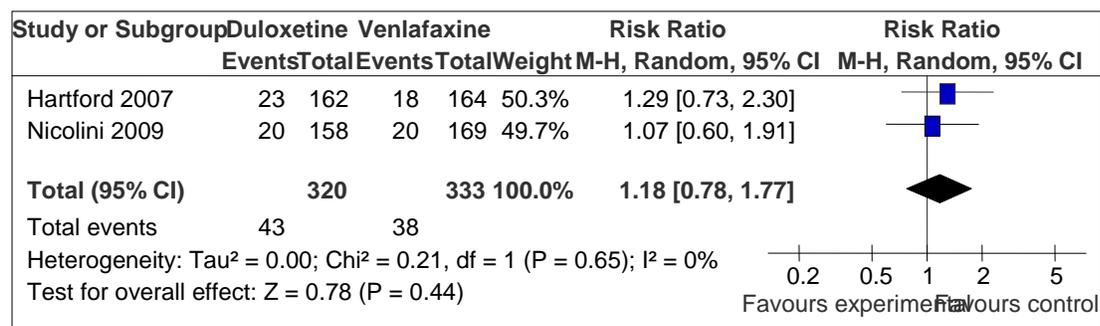
Outcome: Quality of life (Sheehan disability scale)



Intervention: Duloxetine

Comparator: Venlafaxine

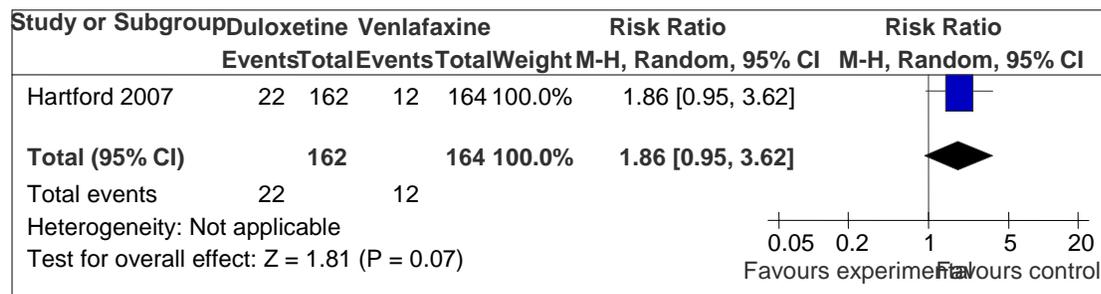
Outcome: Discontinuation due to adverse events



Intervention: Duloxetine

Comparator: Venlafaxine

Outcome: Diarrhea



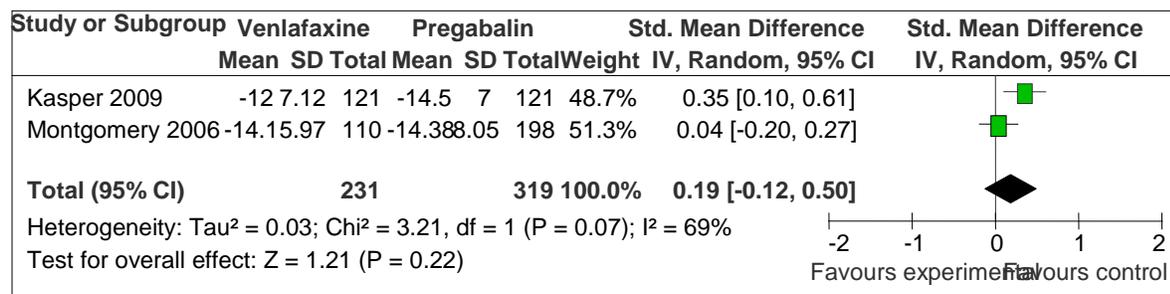
## Antidepressants versus Other Pharmacological Interventions

### Venlafaxine versus Pregabalin

Intervention: Venlafaxine

Comparator: Pregabalin

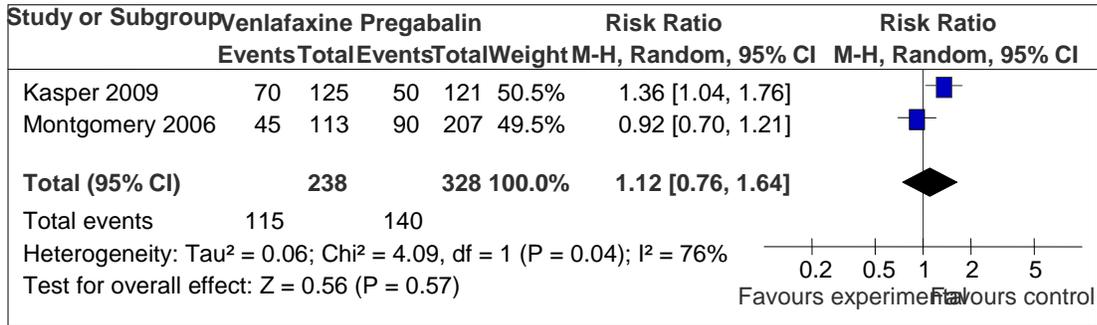
Outcome: HAMA



Intervention: Venlafaxine

Comparator: Pregablin

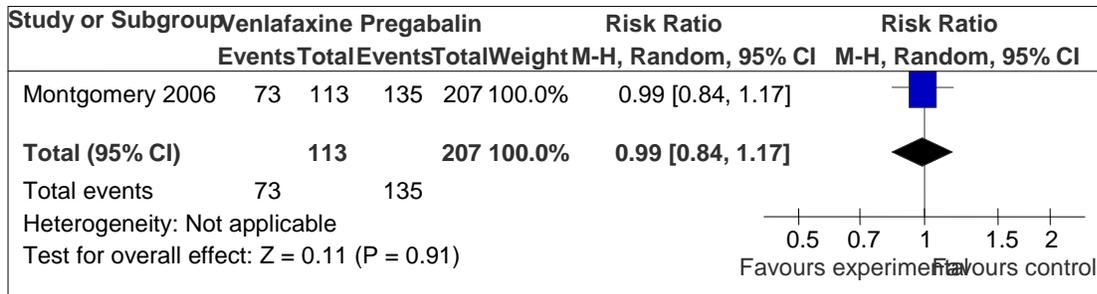
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Venlafaxine

Comparator: Pregablin

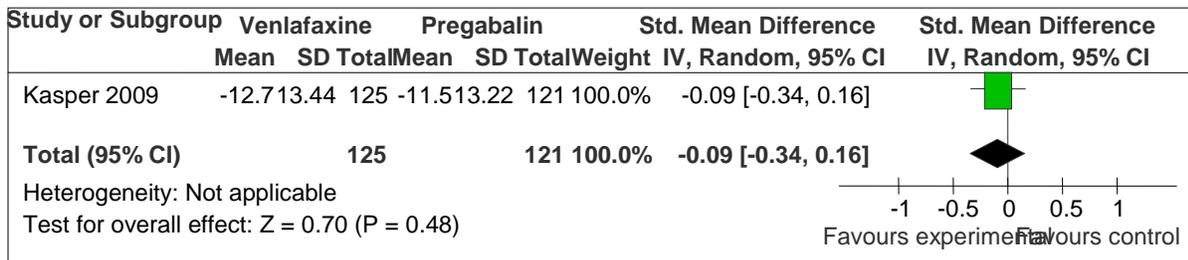
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Venlafaxine

Comparator: Pregablin

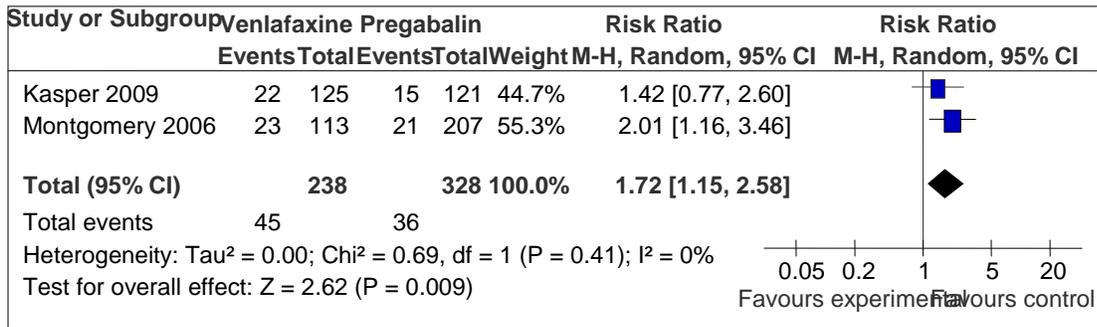
Outcome: Quality of Life (Q-LES-Q)



Intervention: Venlafaxine

Comparator: Pregablin

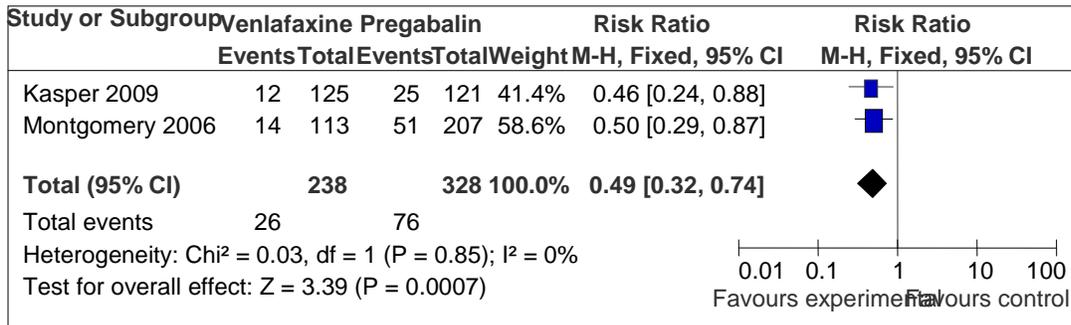
Outcome: Discontinuation due to adverse events



Intervention: Venlafaxine

Comparator: Pregablin

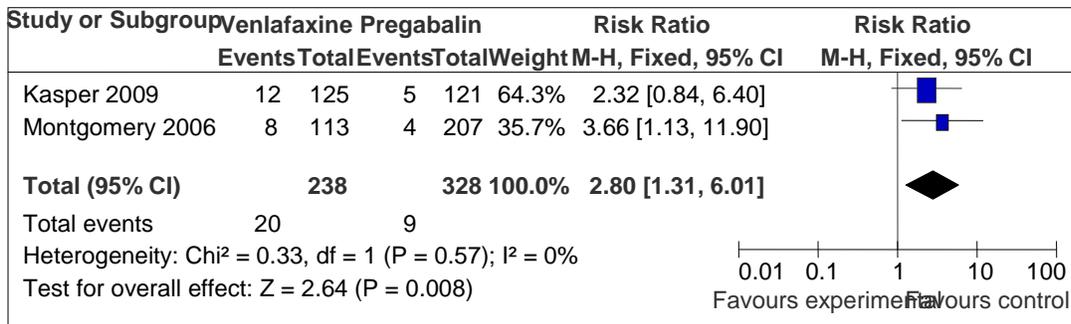
Outcome: Dizziness



Intervention: Venlafaxine

Comparator: Pregablin

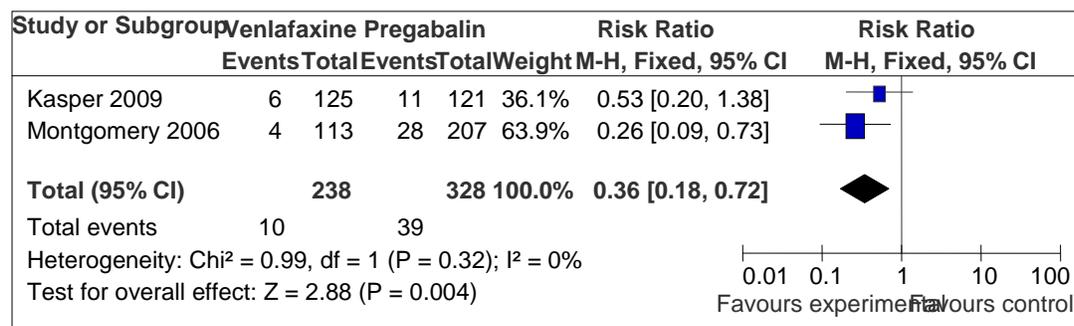
Outcome: Insomnia



Intervention: Venlafaxine

Comparator: Pregablin

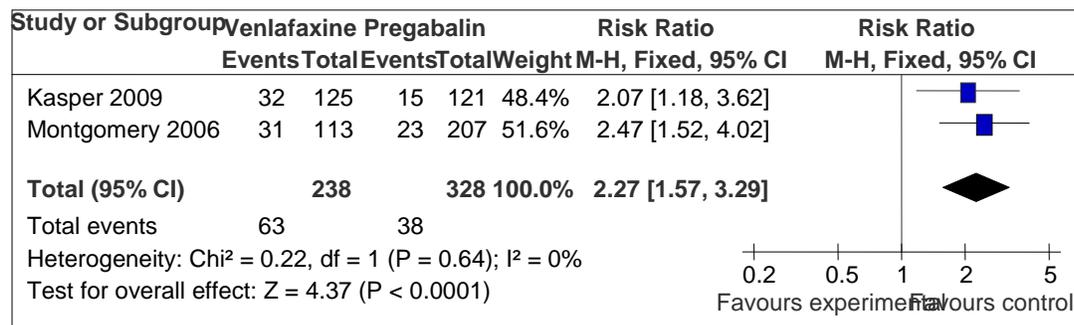
Outcome: Somnolence



Intervention: Venlafaxine

Comparator: Pregabalin

Outcome: Nausea

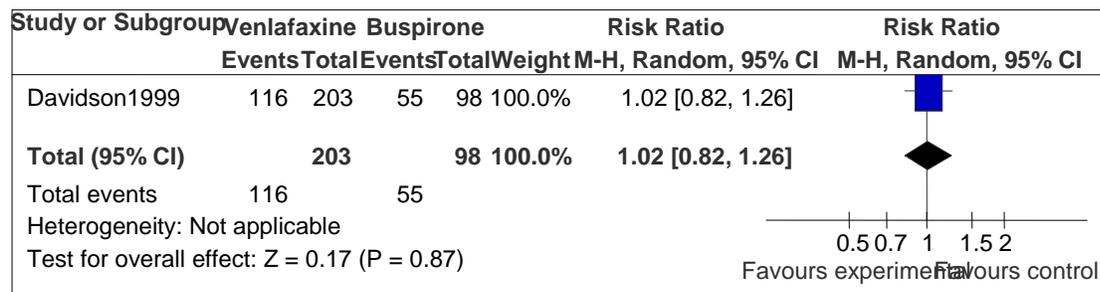


### Venlafaxine versus Buspirone

Intervention: Venlafaxine

Comparator: Buspirone

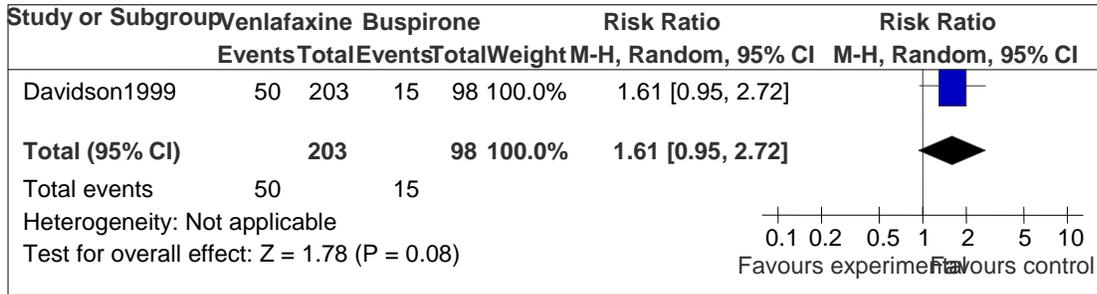
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Venlafaxine

Comparator: Buspirone

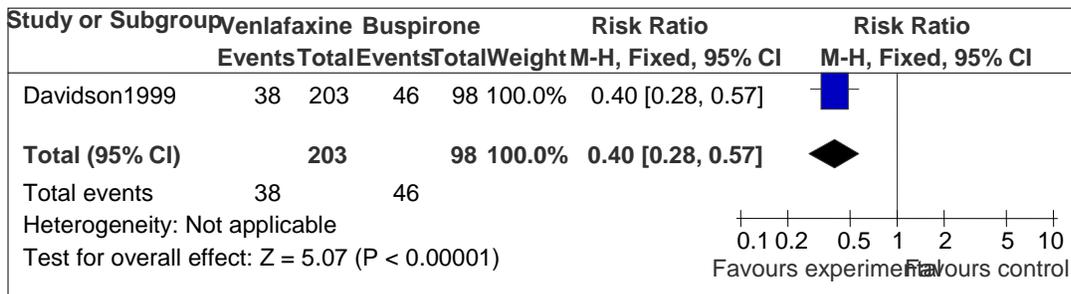
Outcome: Discontinuation due to adverse events



Intervention: Venlafaxine

Comparator: Buspirone

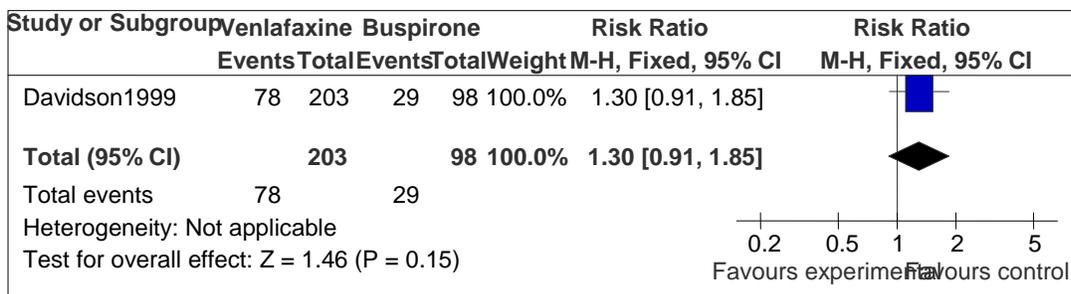
Outcome: Dizziness



Intervention: Venlafaxine

Comparator: Buspirone

Outcome: Nausea

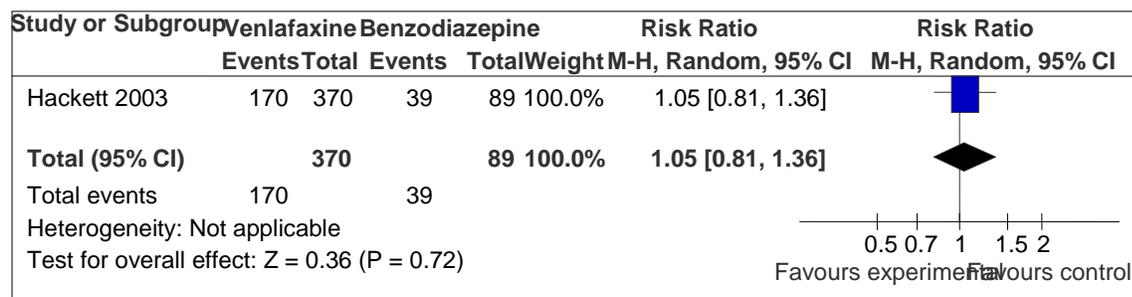


### Venlafaxine versus Diazepam

Intervention: Venlafaxine

Comparator: Diazepam

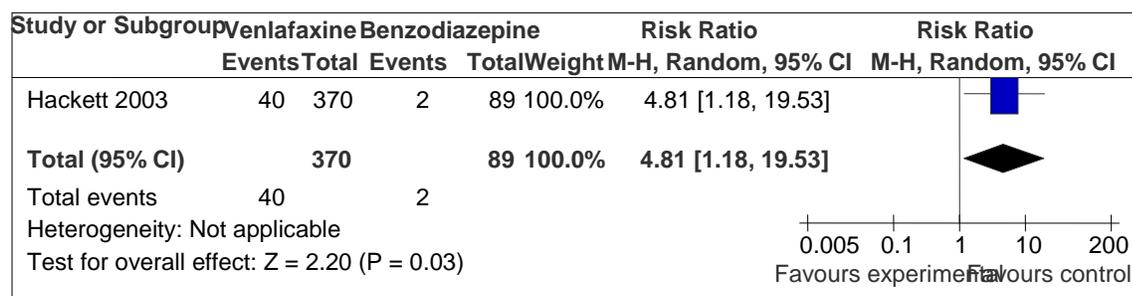
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Venlafaxine

Comparator: Diazepam

Outcome: Discontinuation due to adverse events

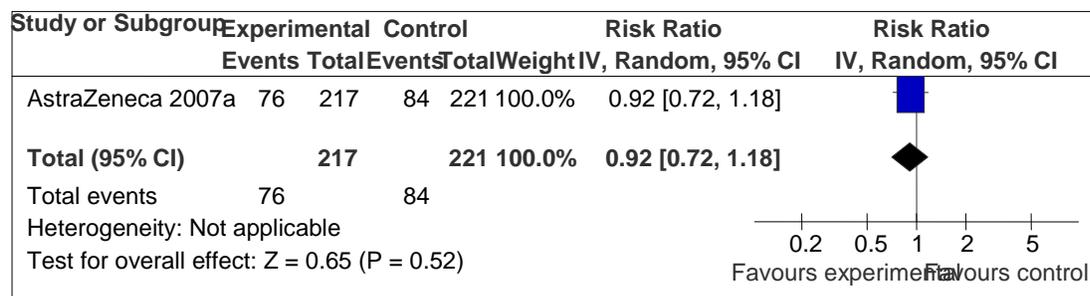


### Quetiapine versus Paroxetine

Intervention: Quetiapine 50mg

Comparator: Paroxetine

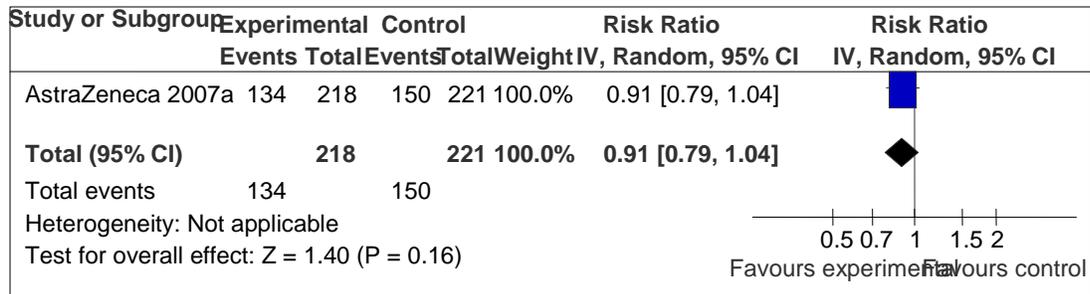
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Quetiapine 50mg

Comparator: Paroxetine

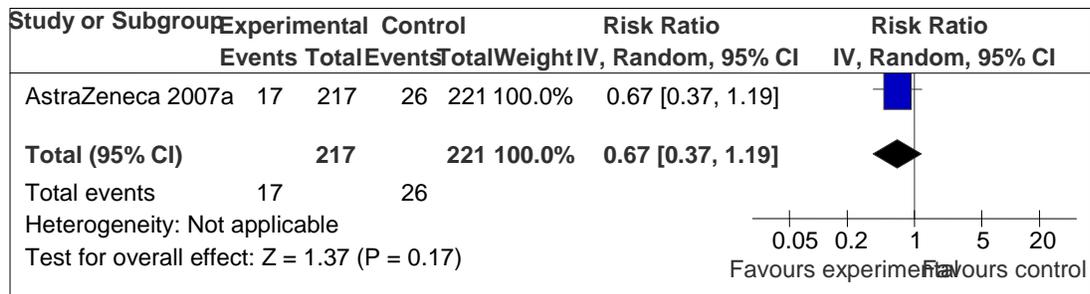
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Quetiapine 50mg

Comparator: Paroxetine

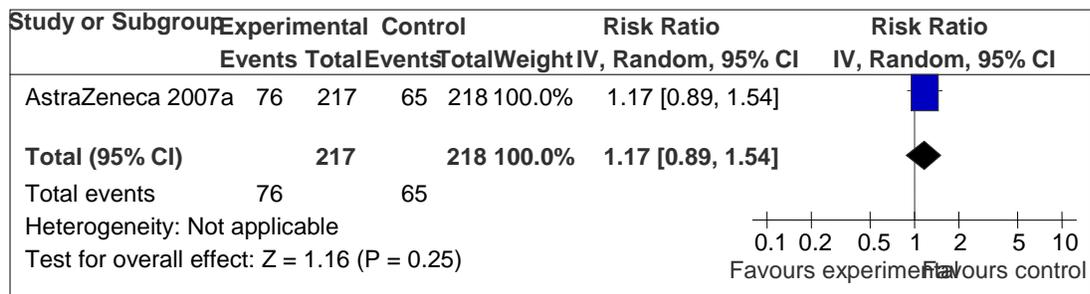
Outcome: Discontinuation due to adverse events



Intervention: Quetiapine 150mg

Comparator: Paroxetine

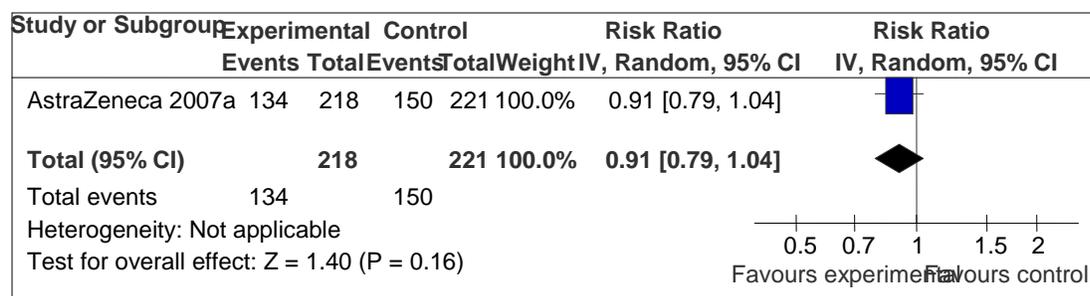
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Quetiapine 150mg

Comparator: Paroxetine

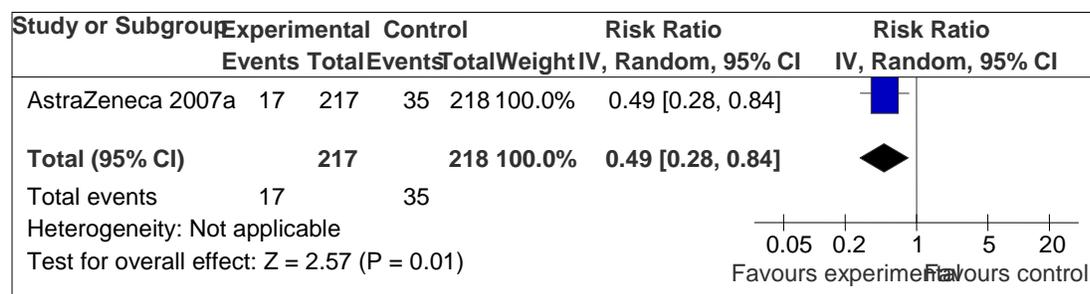
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Quetiapine 150mg

Comparator: Paroxetine

Outcome: Discontinuation due to adverse events

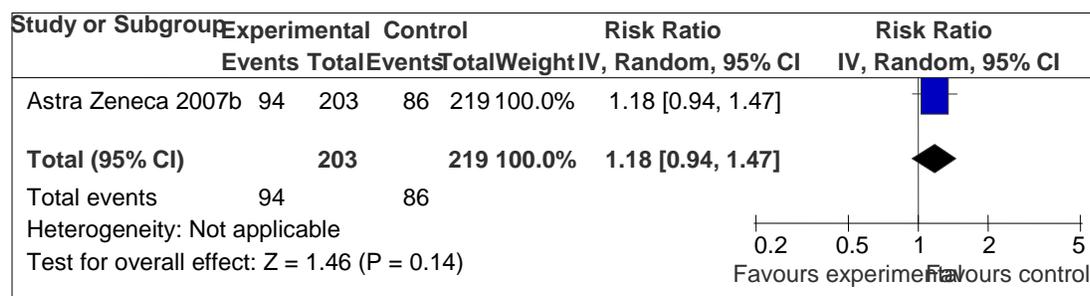


### Quetiapine versus Escitalopram

Intervention: Quetiapine 150mg

Comparator: Escitalopram

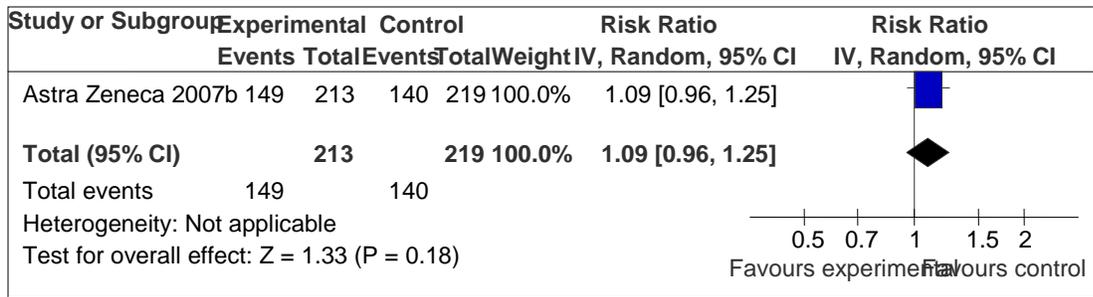
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Quetiapine 150mg

Comparator: Escitalopram

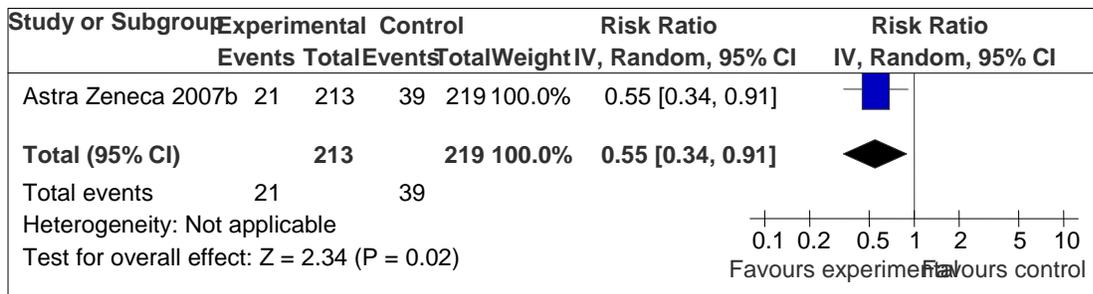
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Quetiapine 150mg

Comparator: Escitalopram

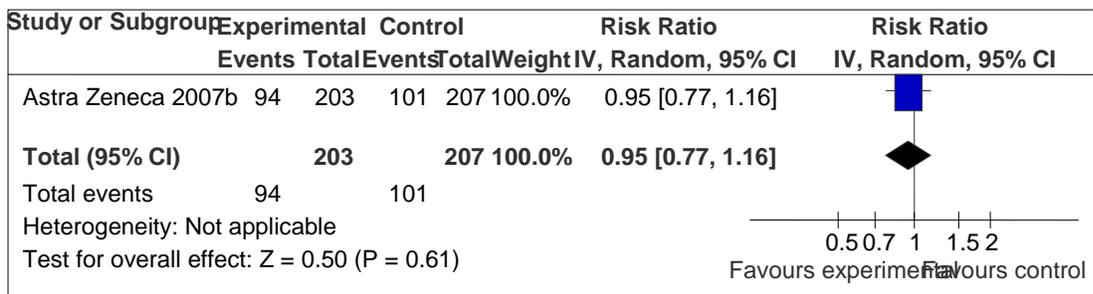
Outcome: Discontinuation due to adverse events



Intervention: Quetiapine 300mg

Comparator: Escitalopram

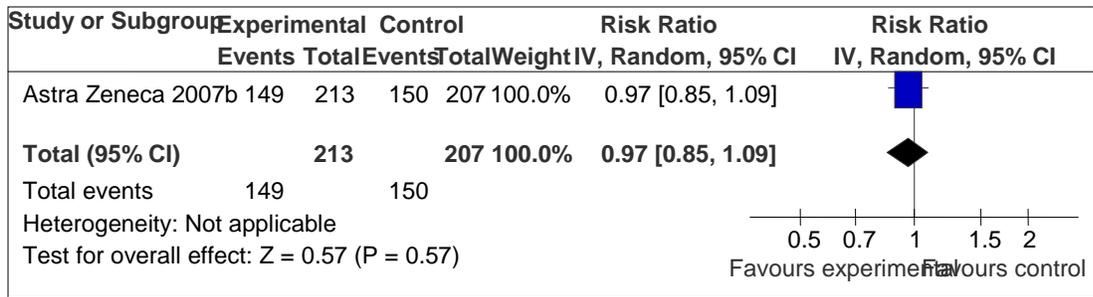
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Quetiapine 300mg

Comparator: Escitalopram

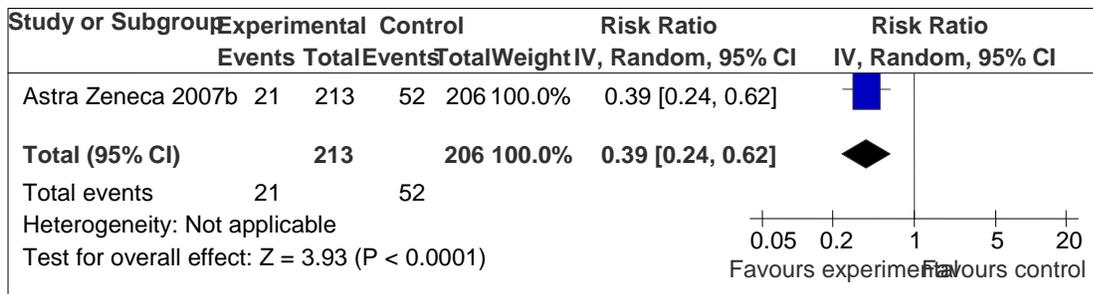
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Quetiapine 300mg

Comparator: Escitalopram

Outcome: Discontinuation due to adverse events



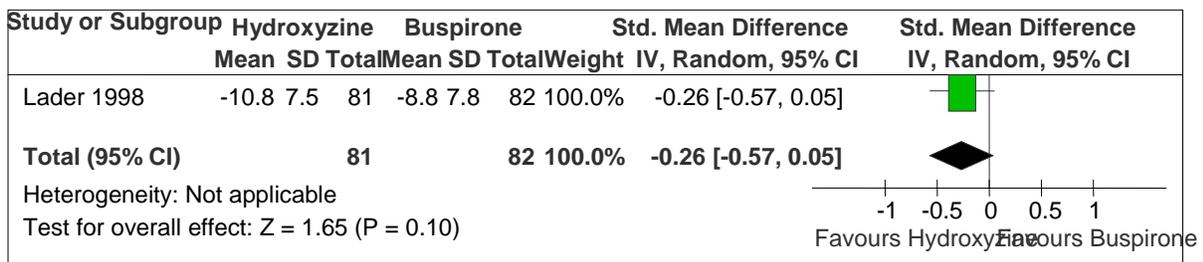
## Other Pharmacological Interventions (other than antidepressants)

### Hydroxyzine versus Buspirone

Intervention: Hydroxyzine

Comparator: Buspirone

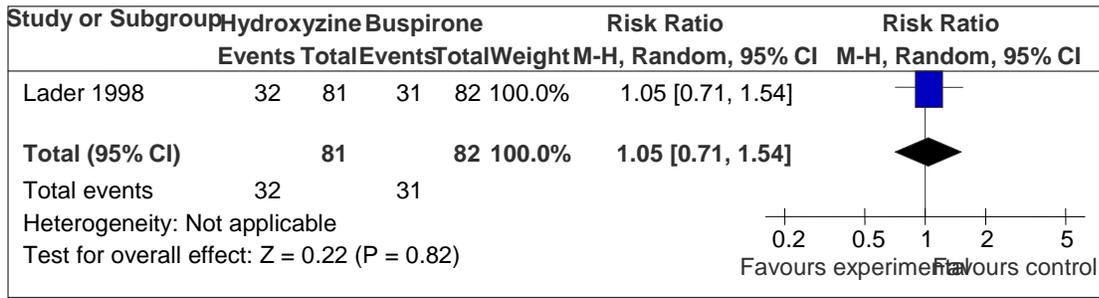
Outcome: HAMA



Intervention: Hydroxyzine

Comparator: Buspirone

Outcome: At least one side effect

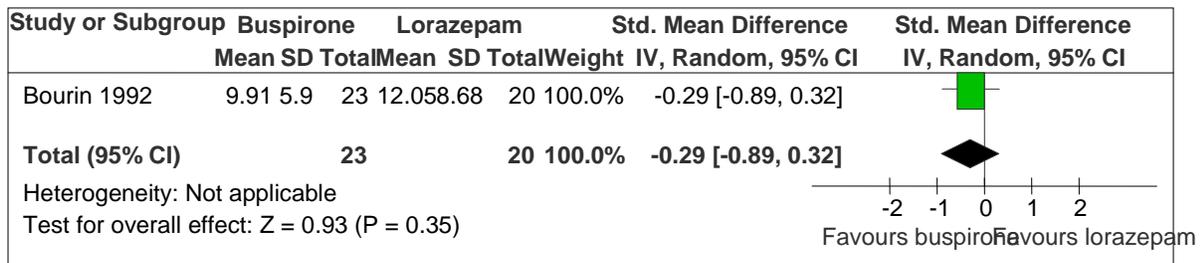


### Buspirone versus Lorazepam

Intervention: Hydroxyzine

Comparator: Lorazepam

Outcome: HAMA

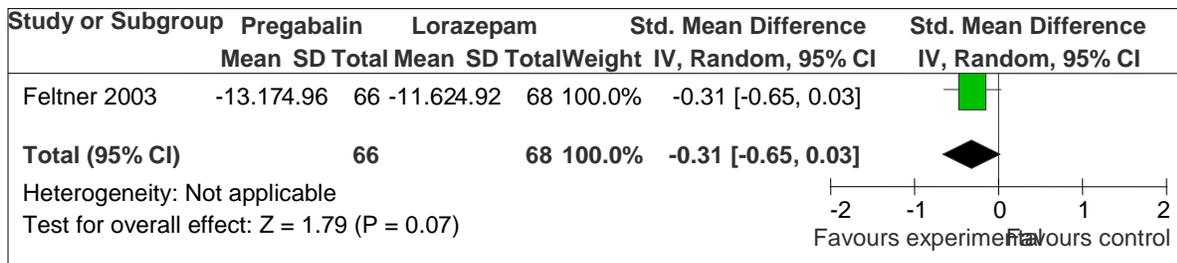


### Pregablin versus Lorazepam

Intervention: Pregablin

Comparator: Lorazepam

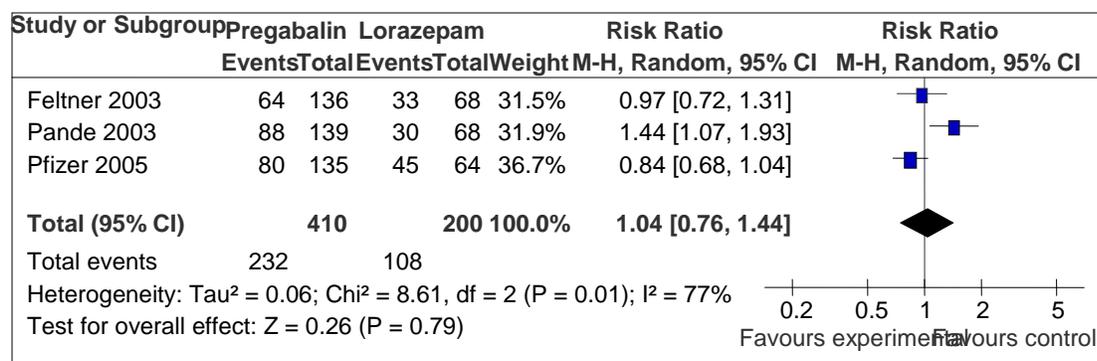
Outcome: HAMA



Intervention: Pregablin

Comparator: Lorazepam

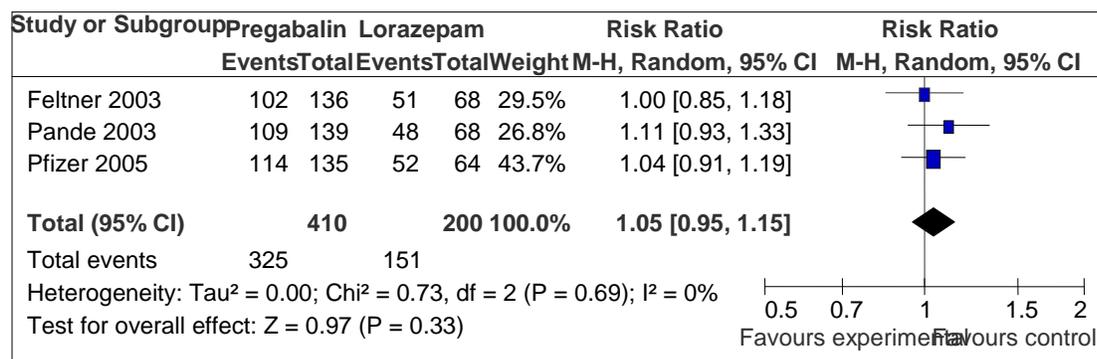
Outcome: Non-response (≤50% reduction in HAMA)



Intervention: Pregablin

Comparator: Lorazepam

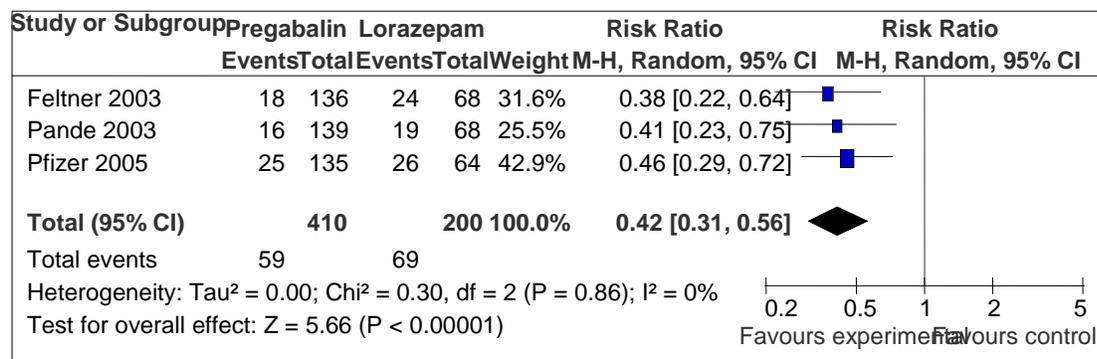
Outcome: Non-remission (≥7 on HAMA)



Intervention: Pregablin

Comparator: Lorazepam

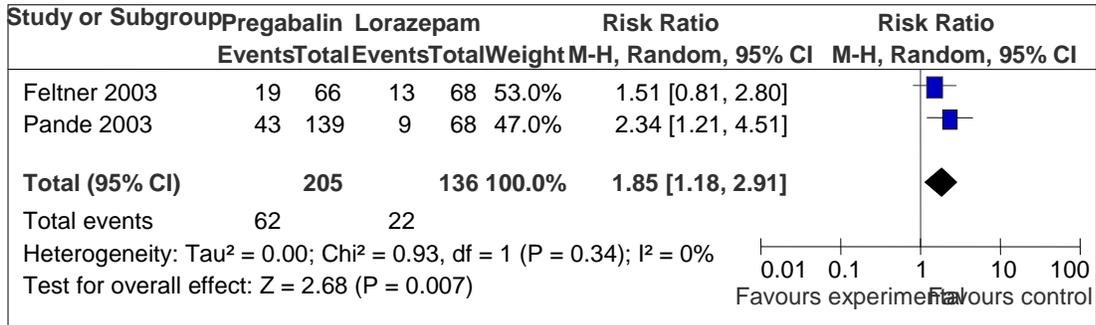
Outcome: Discontinuation due to adverse events



Intervention: Pregablin

Comparator: Lorazepam

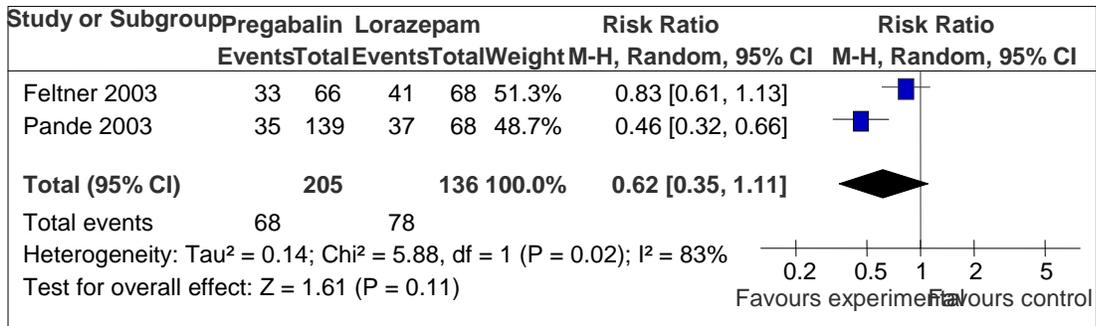
Outcome: Dizziness



Intervention: Pregablin

Comparator: Lorazepam

Outcome: Somnolence

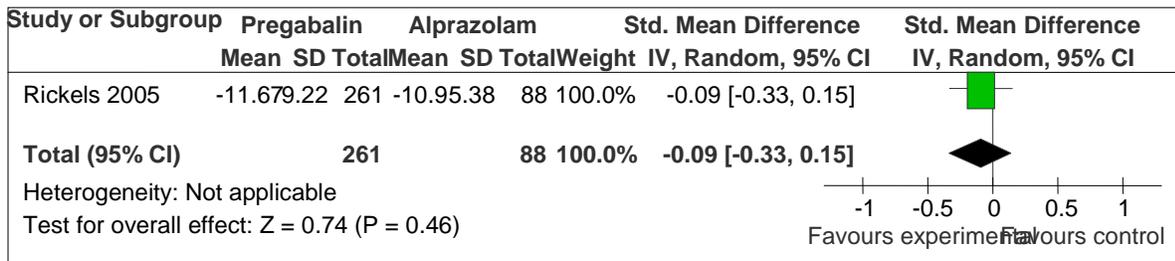


### Pregablin versus Alprazolam

Intervention: Pregablin

Comparator: Alprazolam

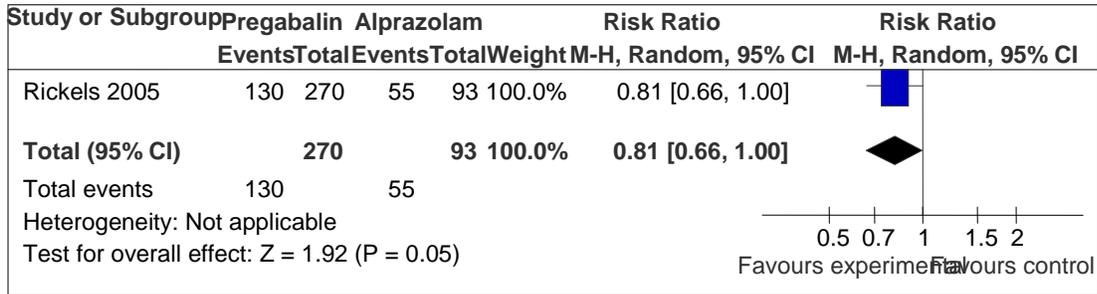
Outcome: HAMA



Intervention: Pregablin

Comparator: Alprazolam

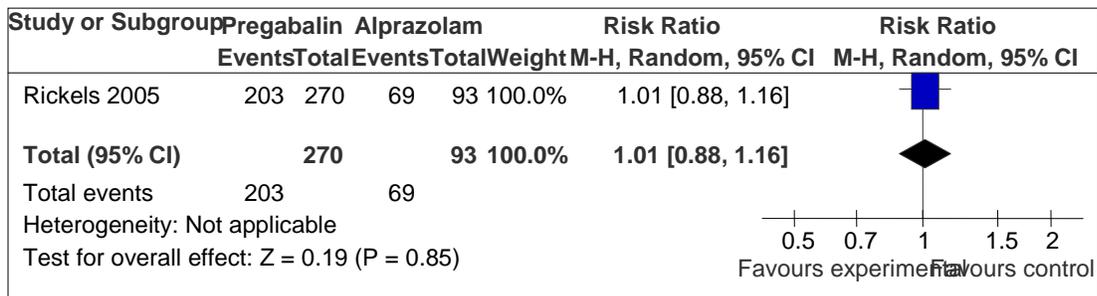
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Pregablin

Comparator: Alprazolam

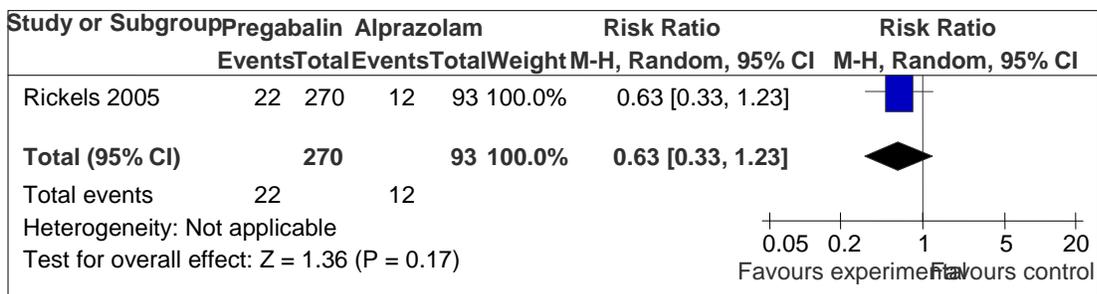
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Pregablin

Comparator: Alprazolam

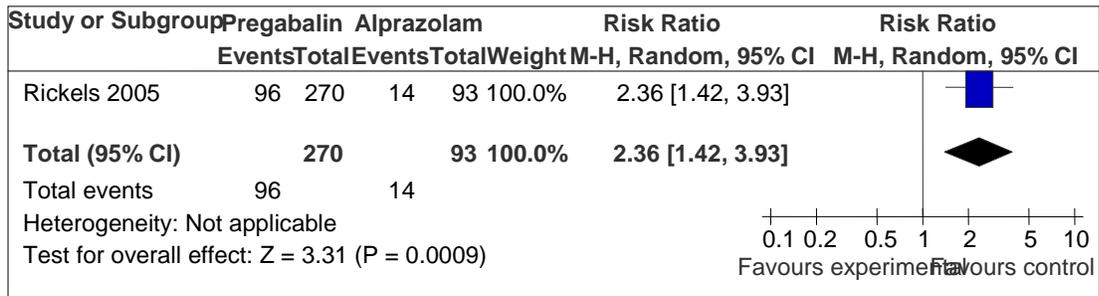
Outcome: Discontinuation due to adverse events



Intervention: Pregablin

Comparator: Alprazolam

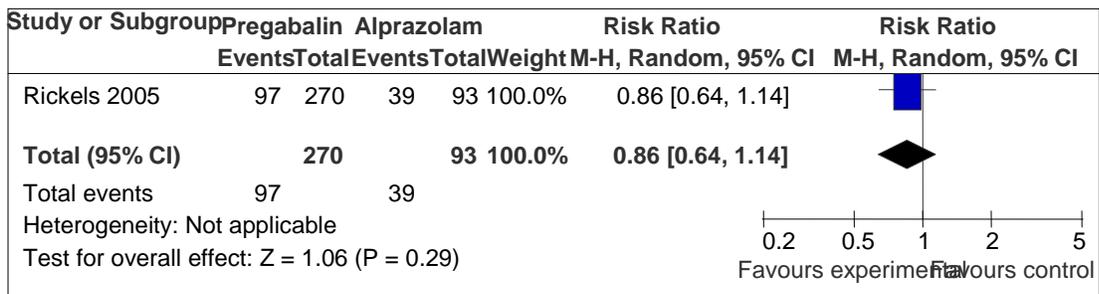
Outcome: Dizziness



Intervention: Pregablin

Comparator: Alprazolam

Outcome: Somnolence



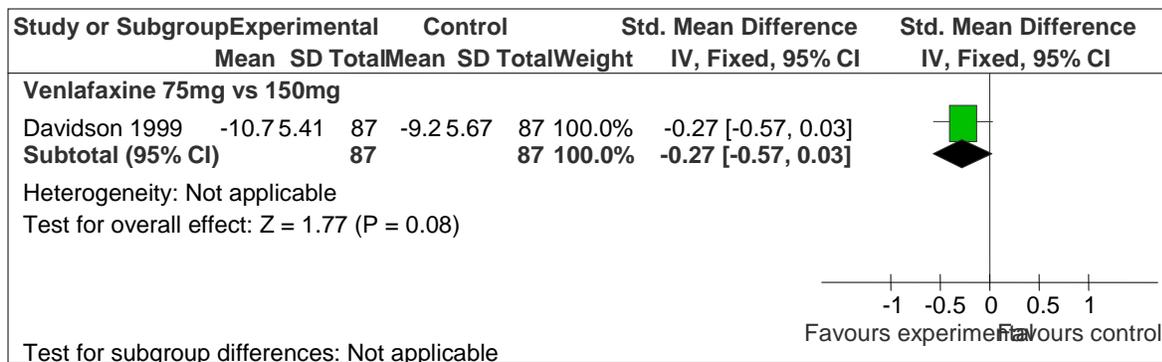
## Comparing the Effectiveness of Different Dosages

### Venlafaxine - HAMA

Intervention: Venlafaxine 75mg

Comparator: Venlafaxine 150mg

Outcome: HAMA

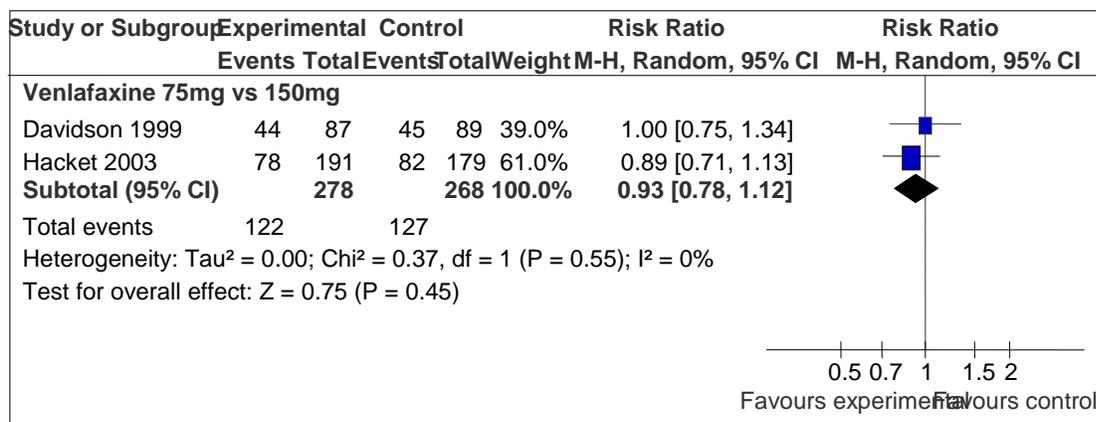


### Venlafaxine - Non-response ( $\leq 50\%$ reduction in HAMA)

Intervention: Venlafaxine 75mg

Comparator: Venlafaxine 150mg

Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)

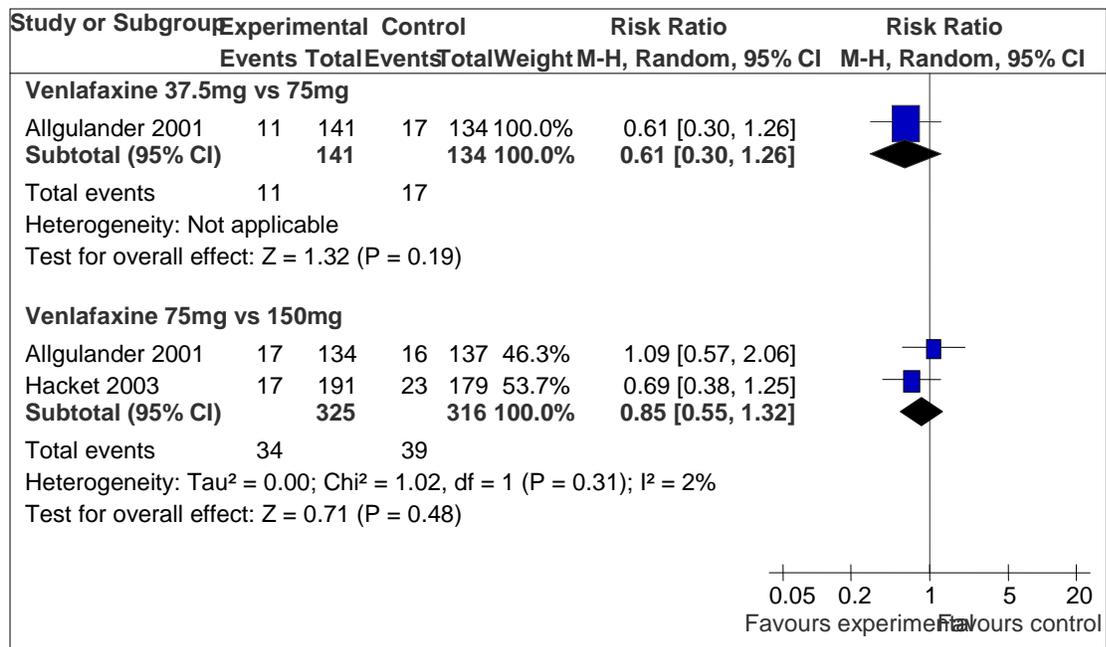


### Venlafaxine - Discontinuation due to adverse events

Intervention: Venlafaxine 37.5mg and 75mg

Comparator: Venlafaxine 75mg and 150mg

Outcome: Discontinuation due to adverse events

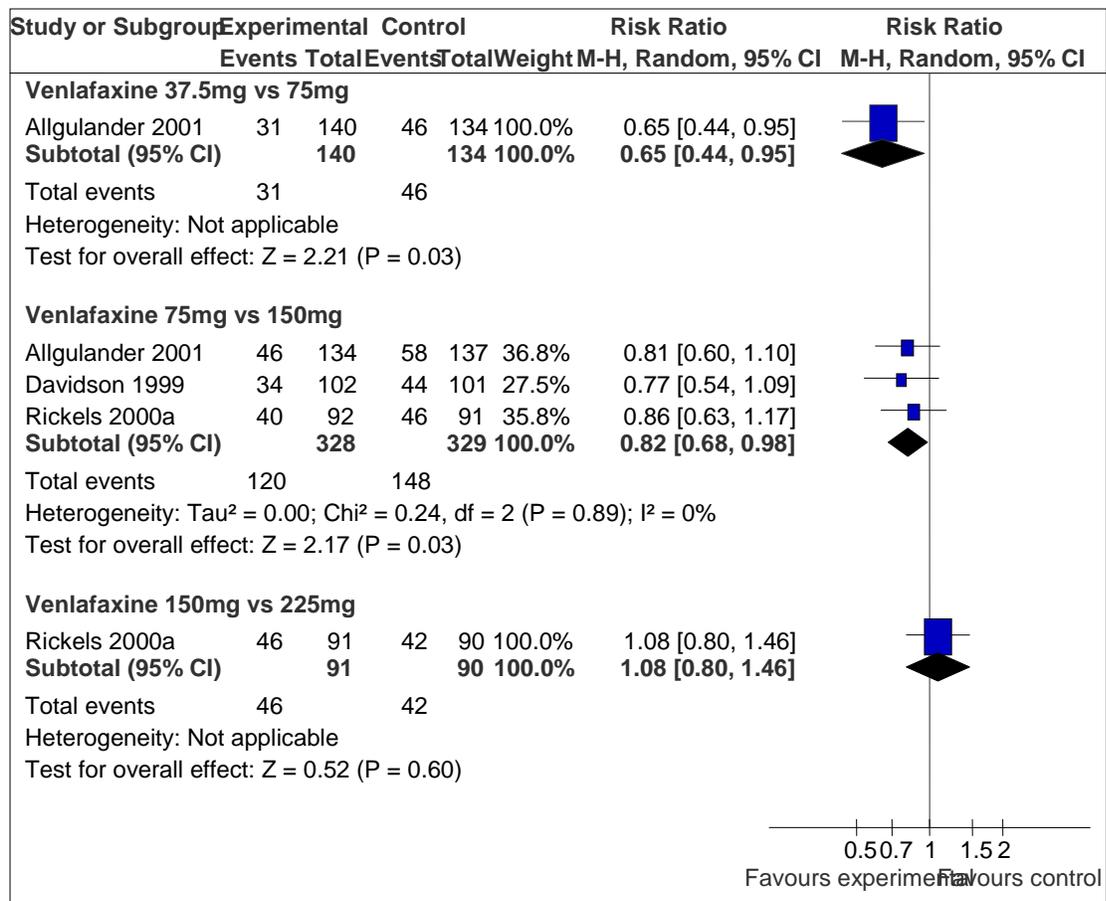


### Venlafaxine - Nausea

Intervention: Venlafaxine 37.5mg, 75mg and 150mg

Comparator: Venlafaxine 75mg, 150mg and 225mg

Outcome: Nausea

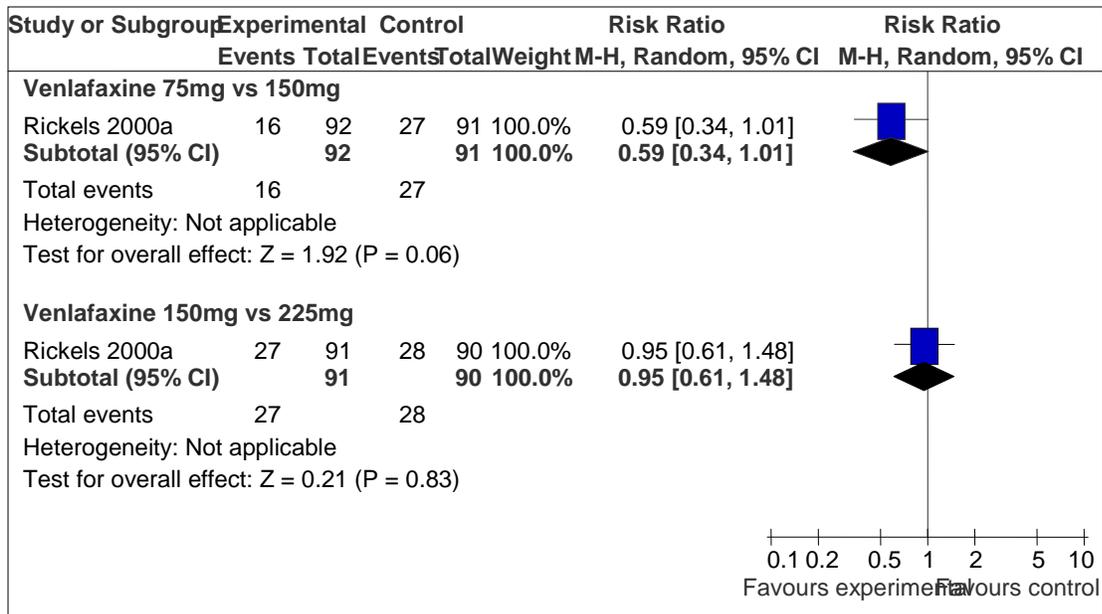


## Venlafaxine - Insomnia

Intervention: Venlafaxine 75mg and 150mg

Comparator: Venlafaxine 150mg and 225mg

Outcome: Insomnia

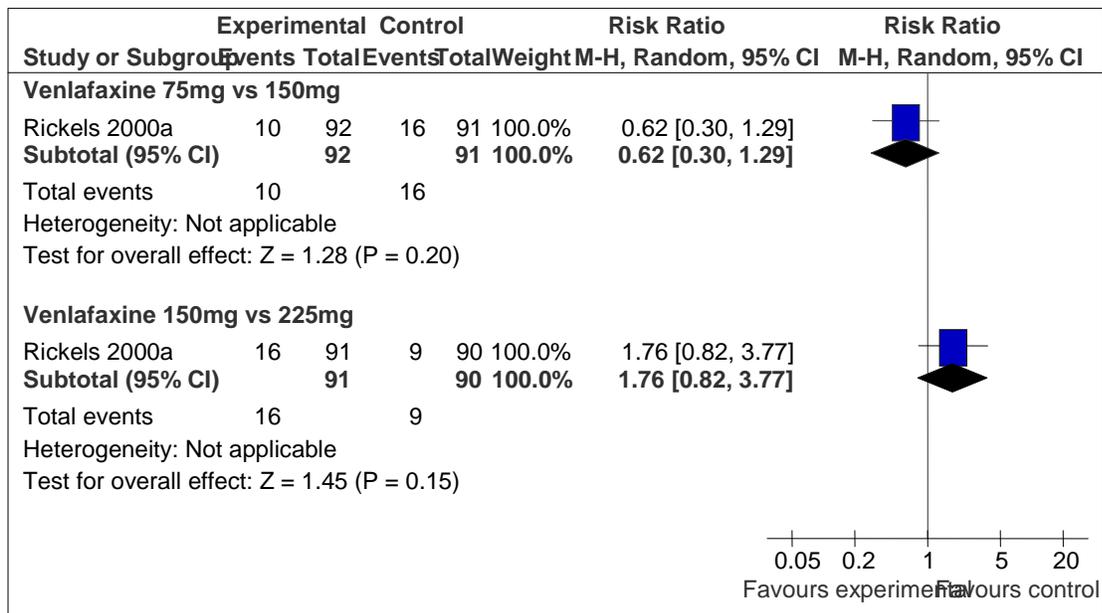


### Venlafaxine - Nervousness

Intervention: Venlafaxine 75mg and 150mg

Comparator: Venlafaxine 150mg and 225mg

Outcome: Nervousness

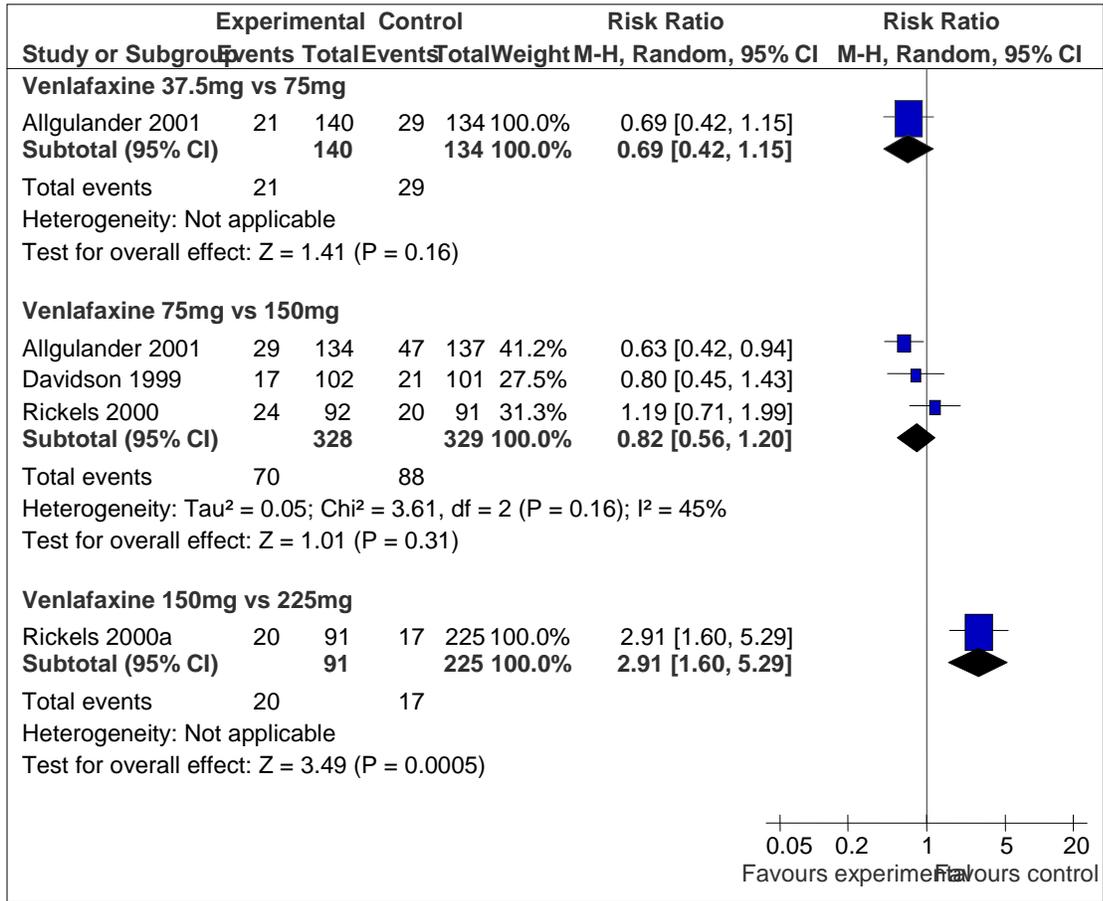


### Venlafaxine - Dizziness

Intervention: Venlafaxine 37.5mg and 75mg

Comparator: Venlafaxine 75mg and 150mg

Outcome: Dizziness

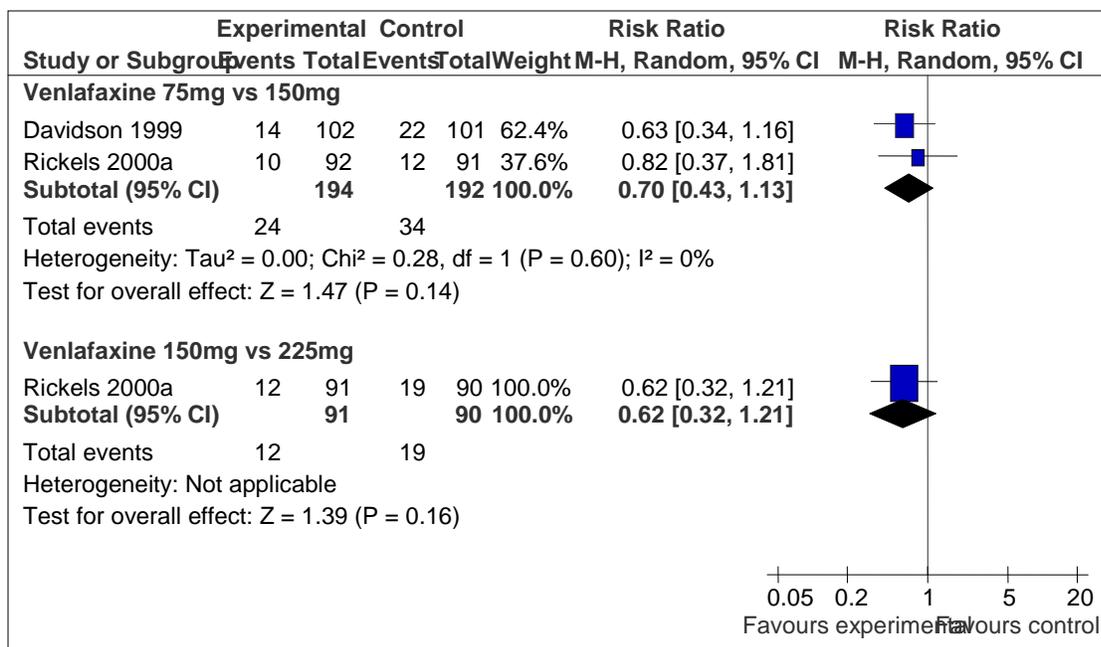


### Venlafaxine - Asthenia

Intervention: Venlafaxine 75mg and 150mg

Comparator: Venlafaxine 150mg and 225mg

Outcome: Asthenia

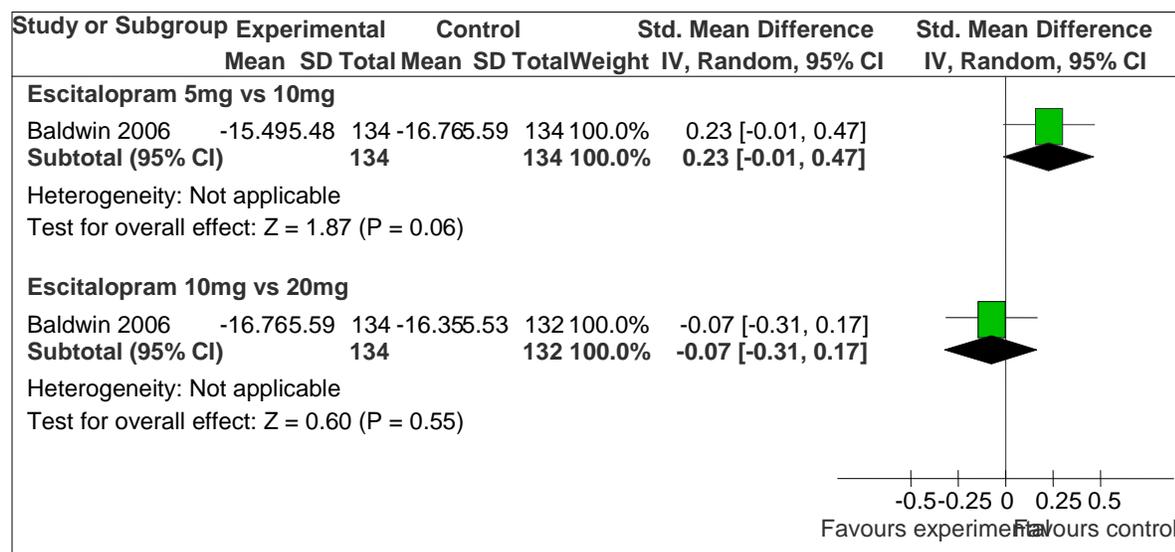


### Escitalopram - HAMA

Intervention: Escitalopram 5mg and 10mg

Comparator: Escitalopram 10mg and 20mg

Outcome: HAMA

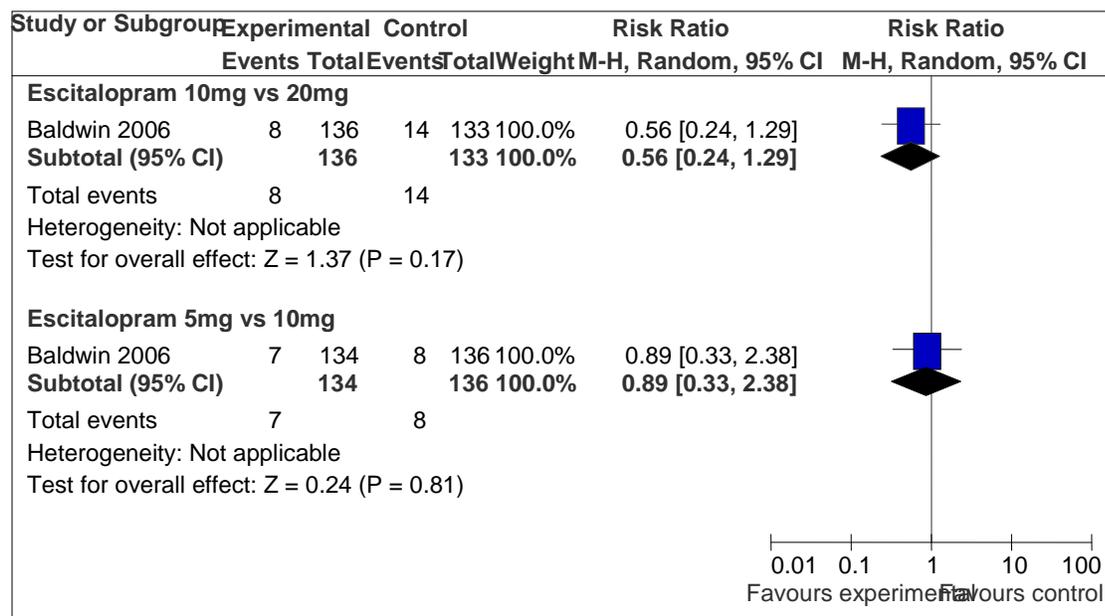


### Escitalopram - Discontinuation due to adverse events

Intervention: Escitalopram 5mg and 10mg

Comparator: Escitalopram 10mg and 20mg

Outcome: Discontinuation due to adverse events

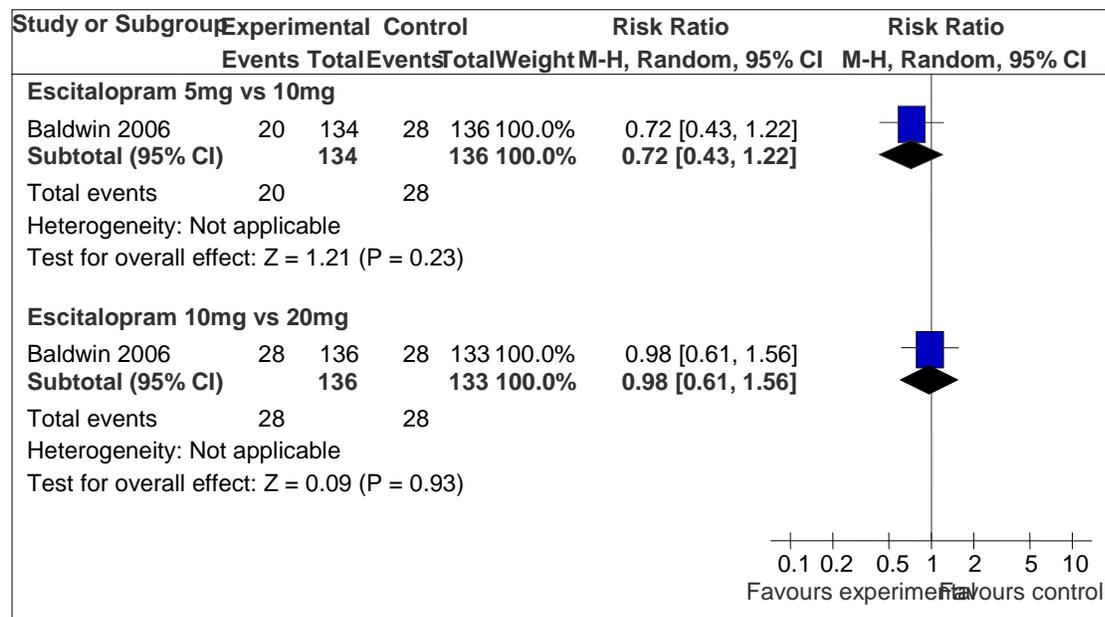


### Escitalopram - Nausea

Intervention: Escitalopram 5mg and 10mg

Comparator: Escitalopram 10mg and 20mg

Outcome: Nausea

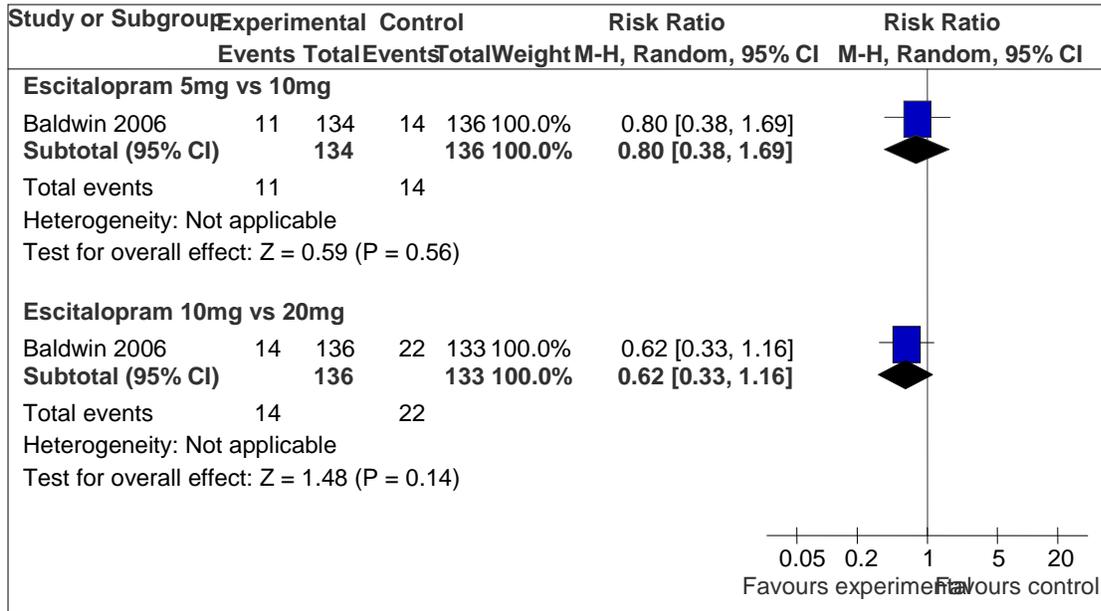


## Escitalopram - Fatigue

Intervention: Escitalopram 5mg and 10mg

Comparator: Escitalopram 10mg and 20mg

Outcome: Fatigue

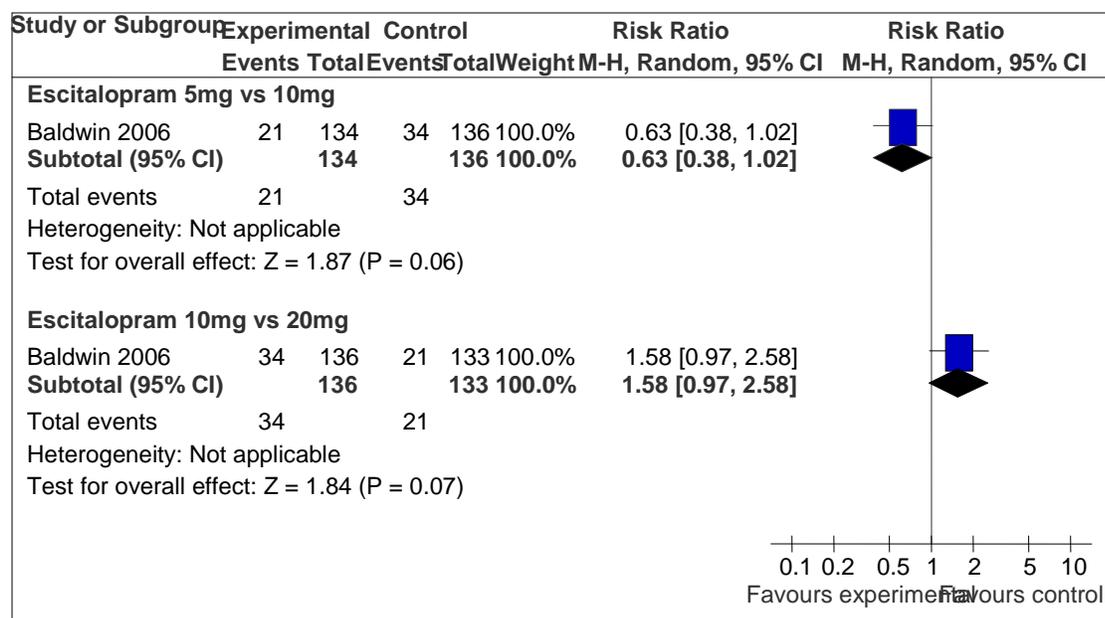


## Escitalopram - Headache

Intervention: Escitalopram 5mg and 10mg

Comparator: Escitalopram 10mg and 20mg

Outcome: Headache

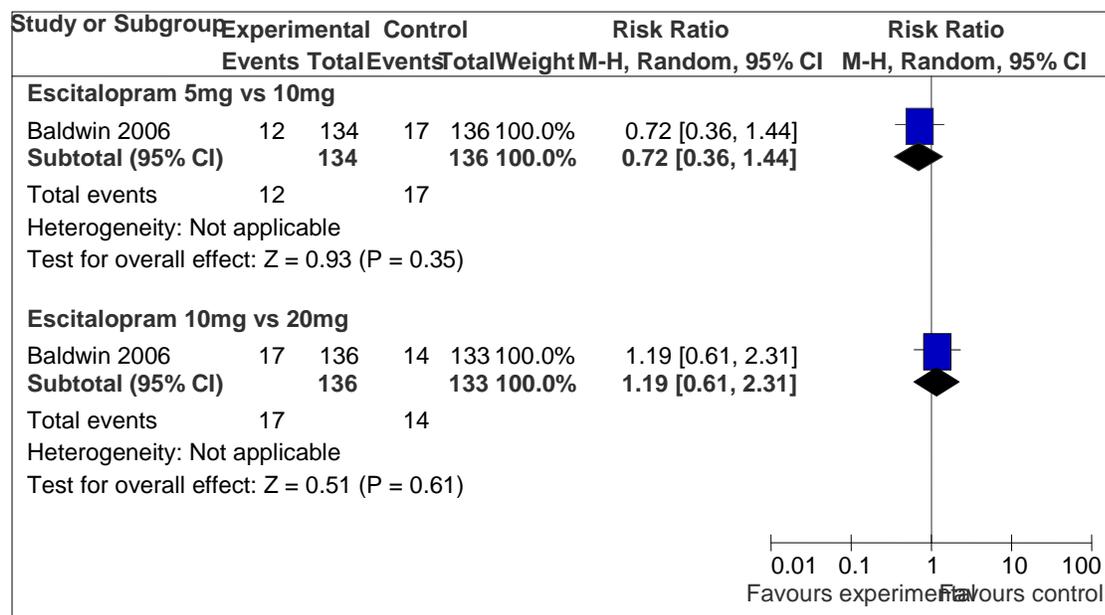


### Escitalopram - Insomnia

Intervention: Escitalopram 5mg and 10mg

Comparator: Escitalopram 10mg and 20mg

Outcome: Insomnia

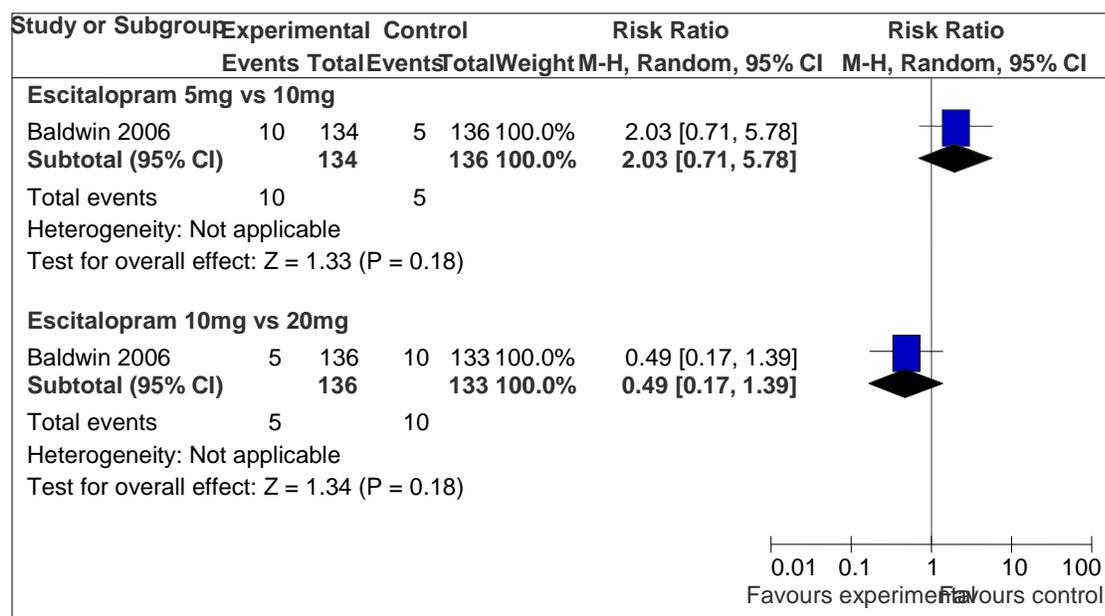


### Escitalopram - Somnolence

Intervention: Escitalopram 5mg and 10mg

Comparator: Escitalopram 10mg and 20mg

Outcome: Somnolence

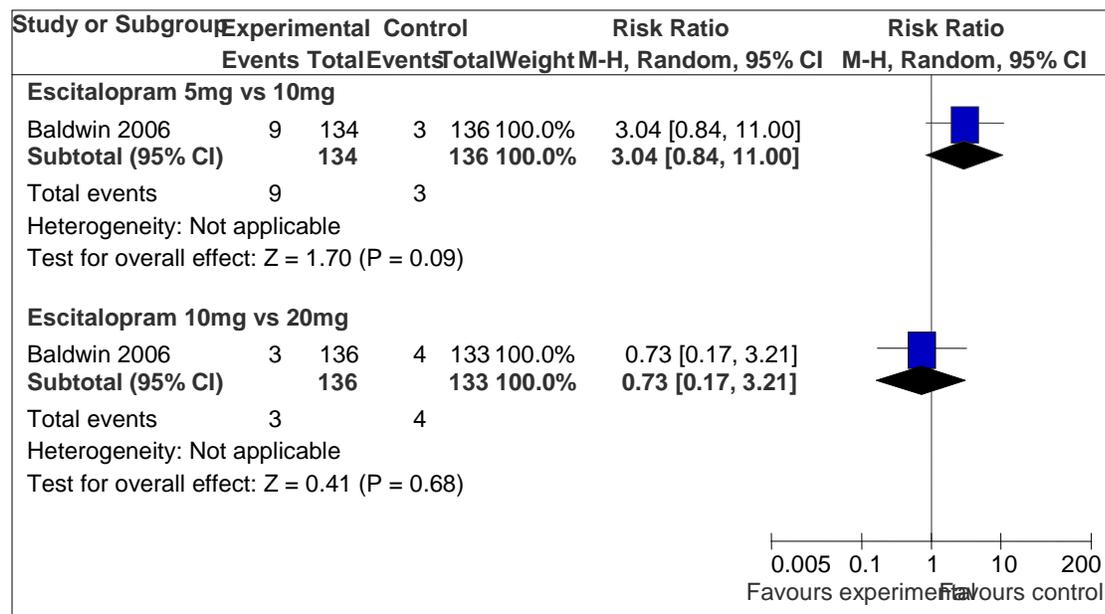


### Escitalopram - Anxiety

Intervention: Escitalopram 5mg and 10mg

Comparator: Escitalopram 10mg and 20mg

Outcome: Anxiety

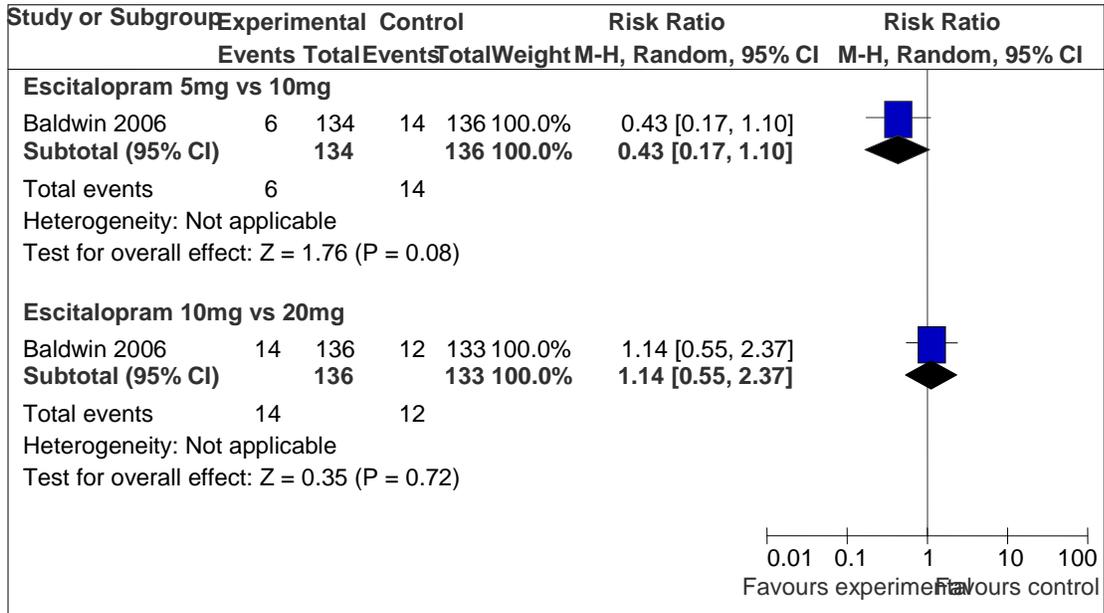


### Escitalopram - Dizziness

Intervention: Escitalopram 5mg and 10mg

Comparator: Escitalopram 10mg and 20mg

Outcome: Dizziness

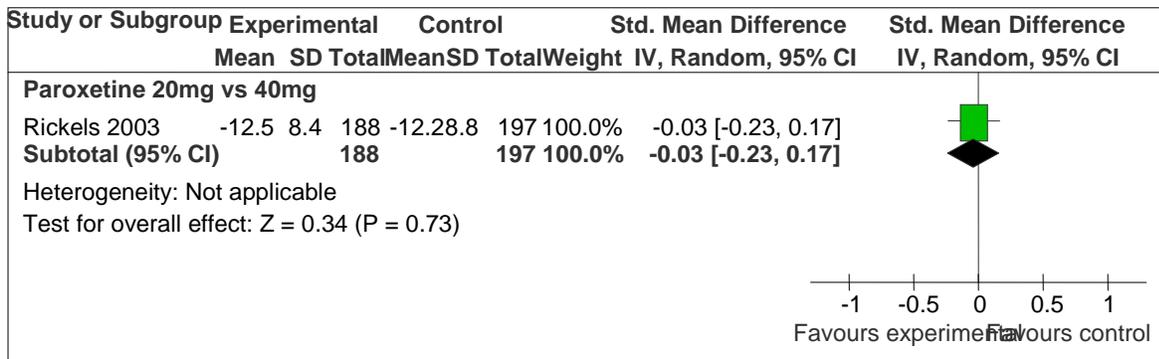


### Paroxetine - HAMA

Intervention: Paroxetine 20mg

Comparator: Paroxetine 40mg

Outcome: HAMA

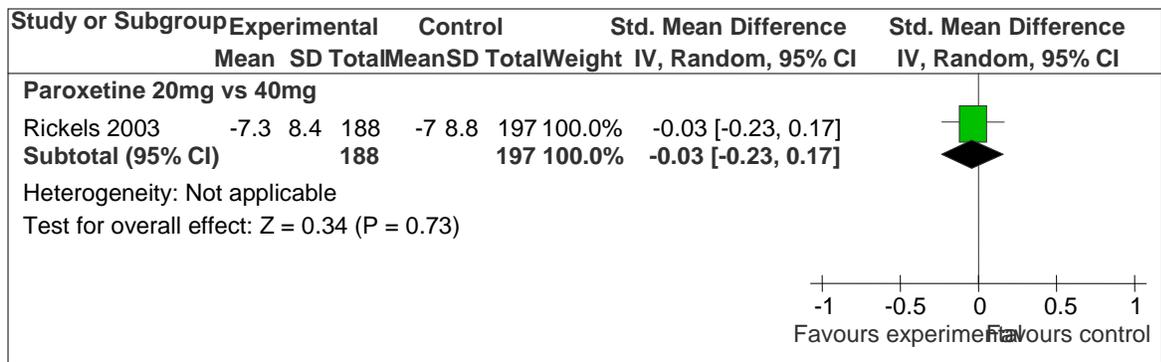


### Paroxetine - HADSA

Intervention: Paroxetine 20mg

Comparator: Paroxetine 40mg

Outcome: HADSA

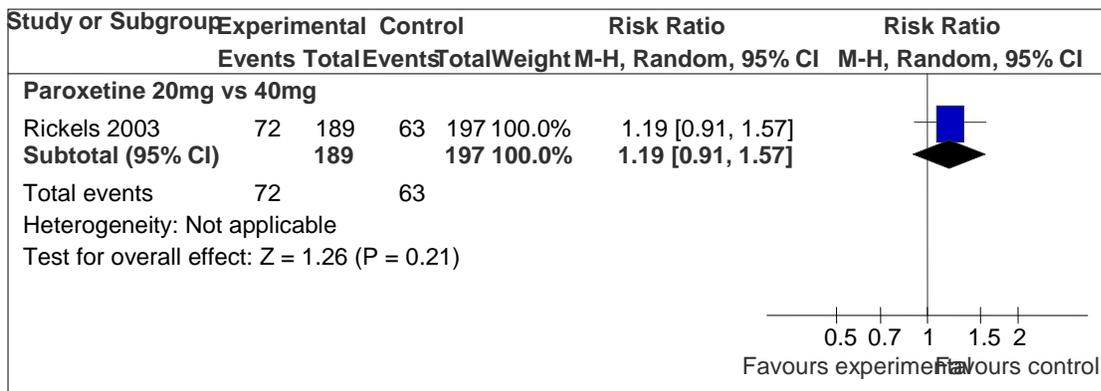


### Paroxetine - Non-response ( $\leq 50\%$ reduction in HAMA)

Intervention: Paroxetine 20mg

Comparator: Paroxetine 40mg

Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)

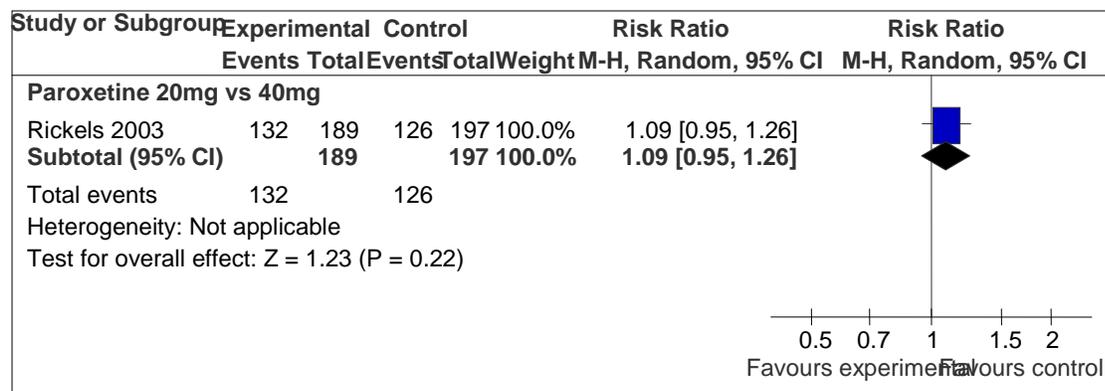


### Paroxetine - Non-remission ( $\geq 7$ on HAMA)

Intervention: Paroxetine 20mg

Comparator: Paroxetine 40mg

Outcome: Non-remission ( $\geq 7$  on HAMA)

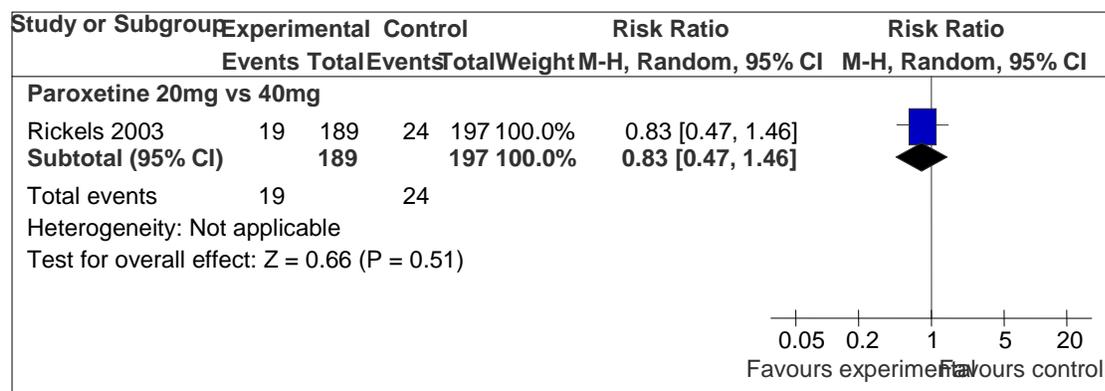


### Paroxetine - Discontinuation due to adverse events

Intervention: Paroxetine 20mg

Comparator: Paroxetine 40mg

Outcome: Discontinuation due to adverse events

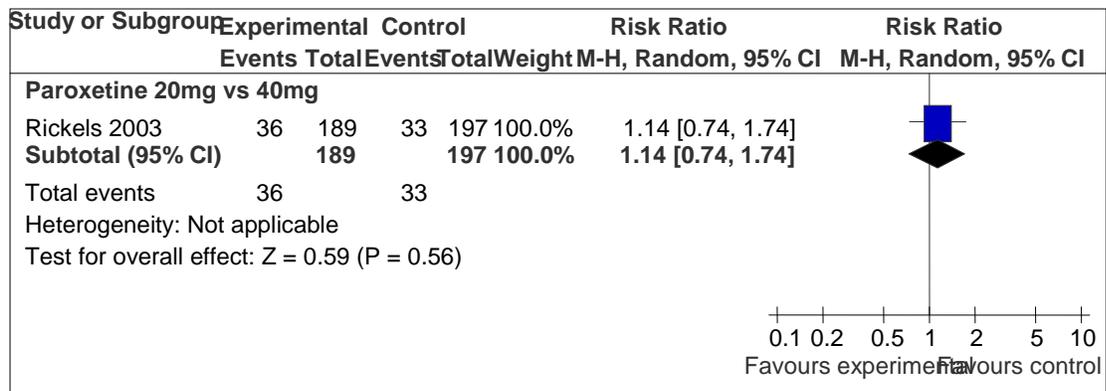


### Paroxetine - Nausea

Intervention: Paroxetine 20mg

Comparator: Paroxetine 40mg

Outcome: Nausea

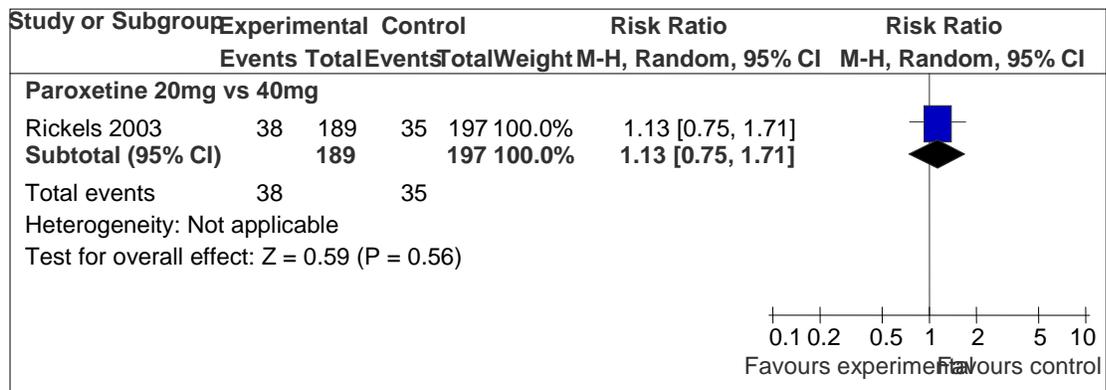


### Paroxetine - Somnolence

Intervention: Paroxetine 20mg

Comparator: Paroxetine 40mg

Outcome: Somnolence

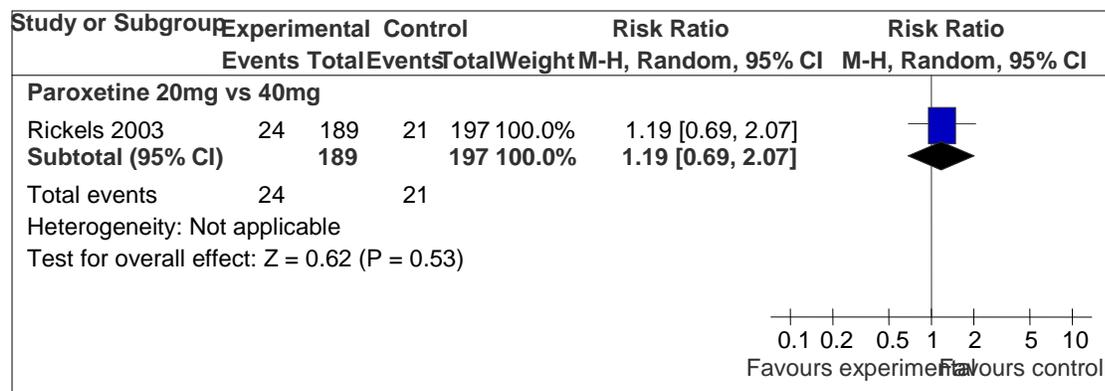


### Paroxetine - Decreased libido

Intervention: Paroxetine 20mg

Comparator: Paroxetine 40mg

Outcome: Decreased libido

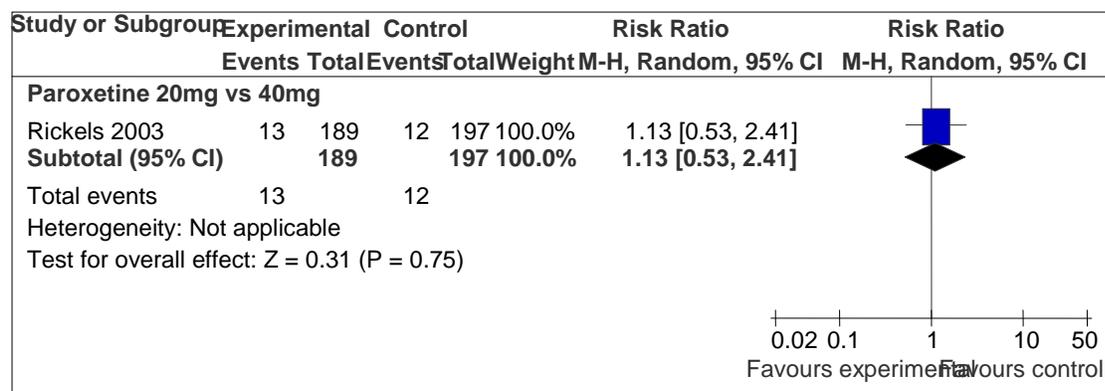


### Paroxetine - Decreased appetite

Intervention: Paroxetine 20mg

Comparator: Paroxetine 40mg

Outcome: Decreased appetite

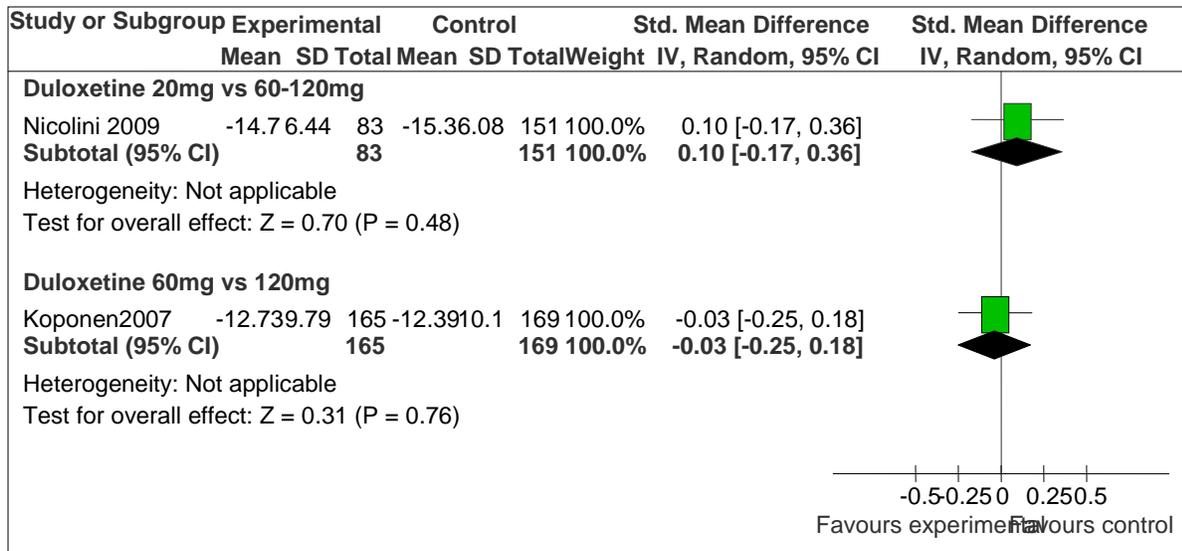


### Duloxetine - HAMA

Intervention: Duloxetine 20mg and 60mg

Comparator: Duloxetine 60-120mg and 120mg

Outcome: HAMA

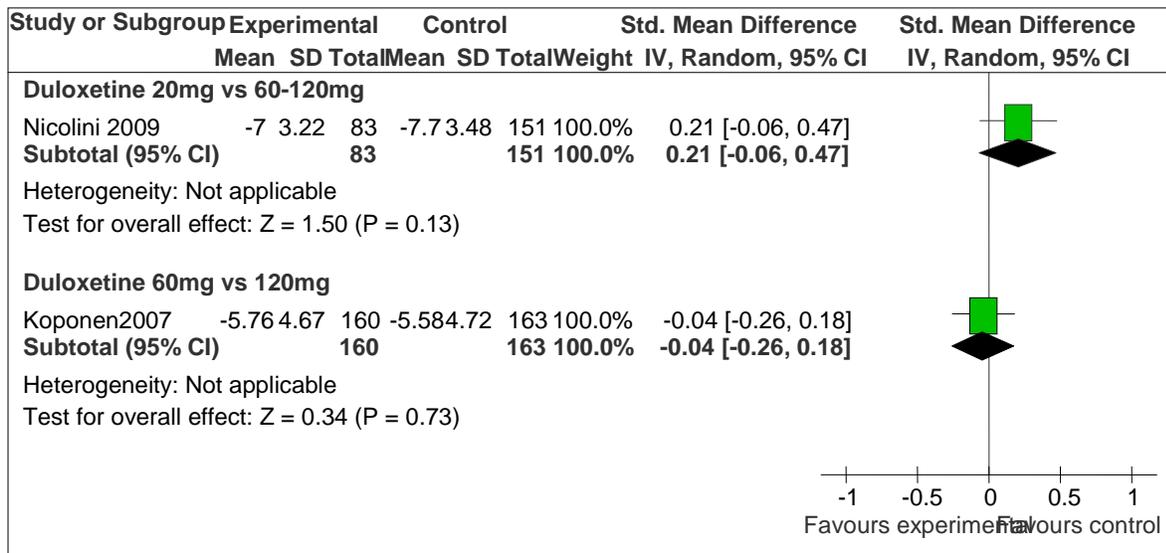


### Duloxetine - HADSA

Intervention: Duloxetine 20mg and 60mg

Comparator: Duloxetine 60-120mg and 120mg

Outcome: HADSA

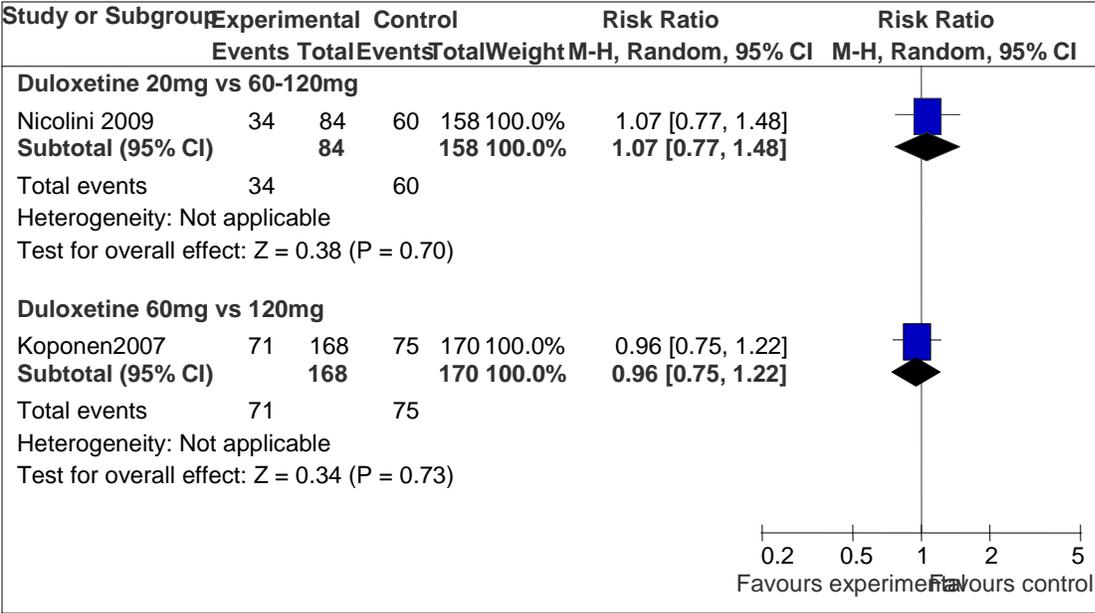


### Duloxetine - Non-response (≤50% reduction in HAMA)

Intervention: Duloxetine 20mg and 60mg

Comparator: Duloxetine 60-120mg and 120mg

Outcome: Non-response (≤50% reduction in HAMA)

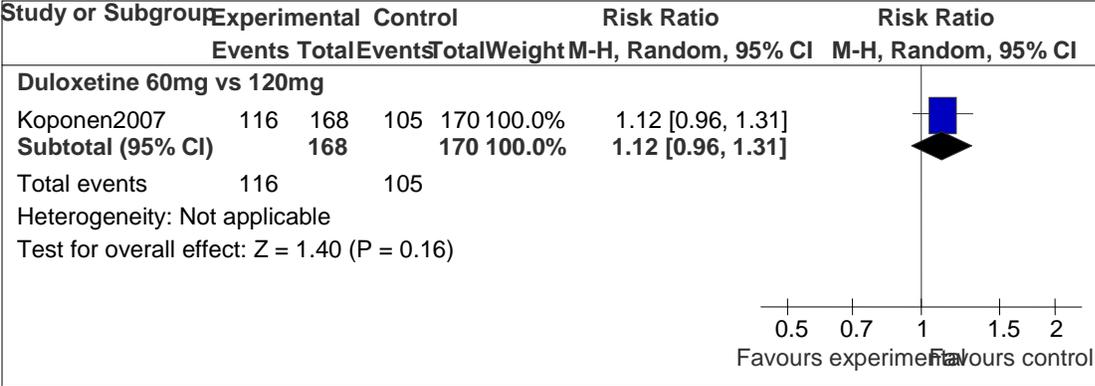


**Duloxetine – Non-remission (≥7 on HAMA)**

Intervention: Duloxetine 60mg

Comparator: Duloxetine 120mg

Outcome: Non-remission (≥7 on HAMA)

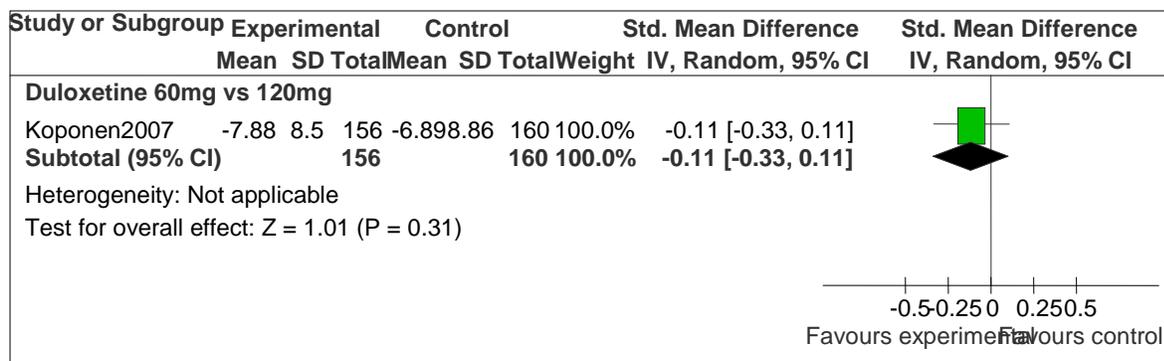


**Duloxetine – Sheehan Disability Scale**

Intervention: Duloxetine 60mg

Comparator: Duloxetine 120mg

Outcome: Sheehan Disability Scale

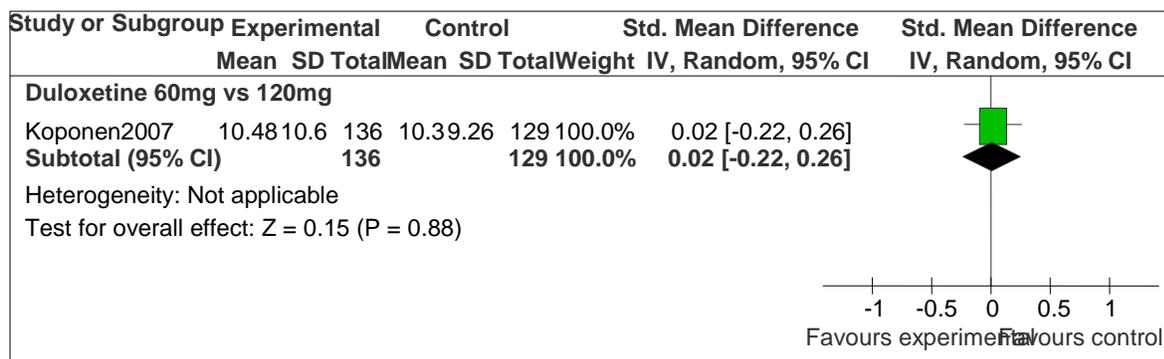


### Duloxetine - Q-LES-Q-SF

Intervention: Duloxetine 60mg

Comparator: Duloxetine 120mg

Outcome: Q-LES-Q-SF

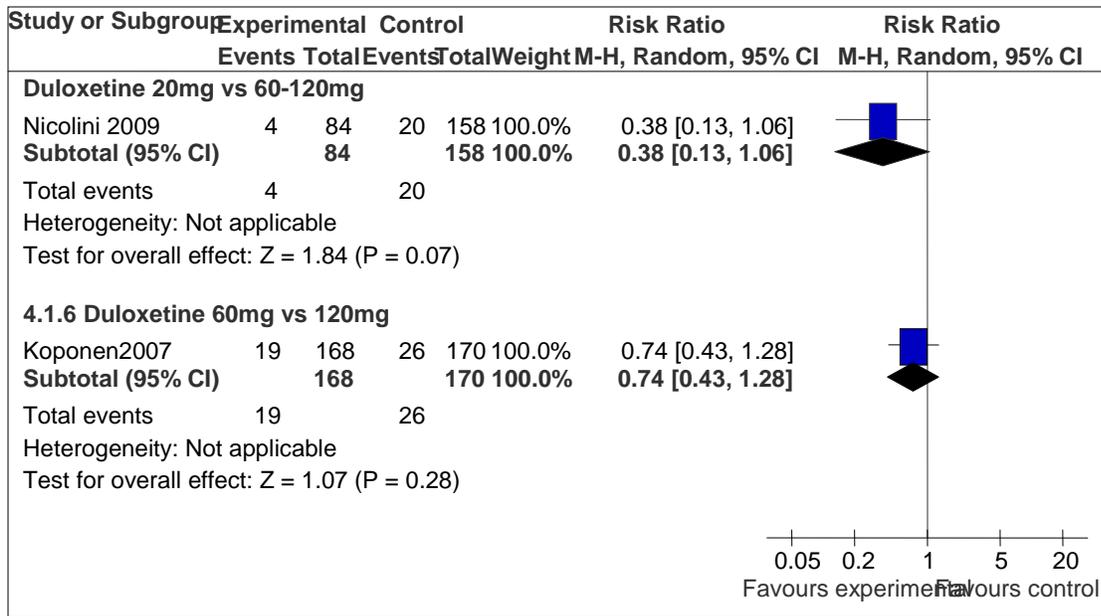


### Duloxetine - Discontinuation due to adverse events

Intervention: Duloxetine 20mg and 60mg

Comparator: Duloxetine 60-120mg and 120mg

Outcome: Discontinuation due to adverse events

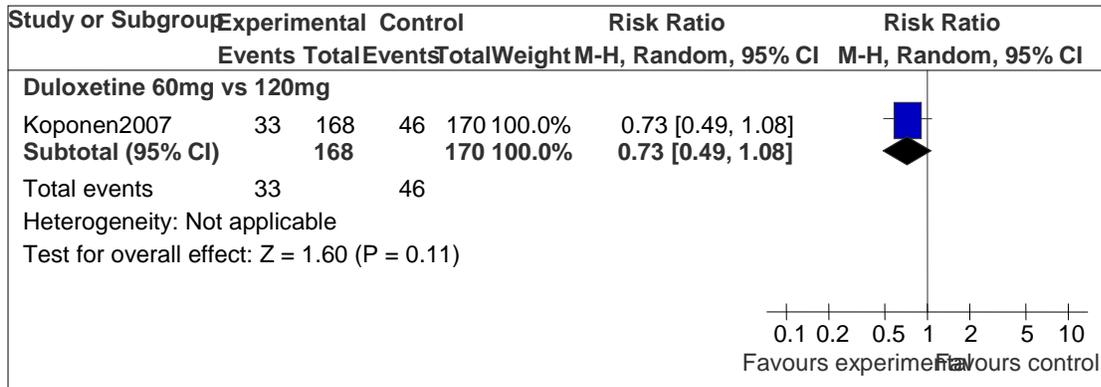


### Duloxetine - Discontinuation for any reason

Intervention: Duloxetine 60mg

Comparator: Duloxetine 120mg

Outcome: Discontinuation for any reason

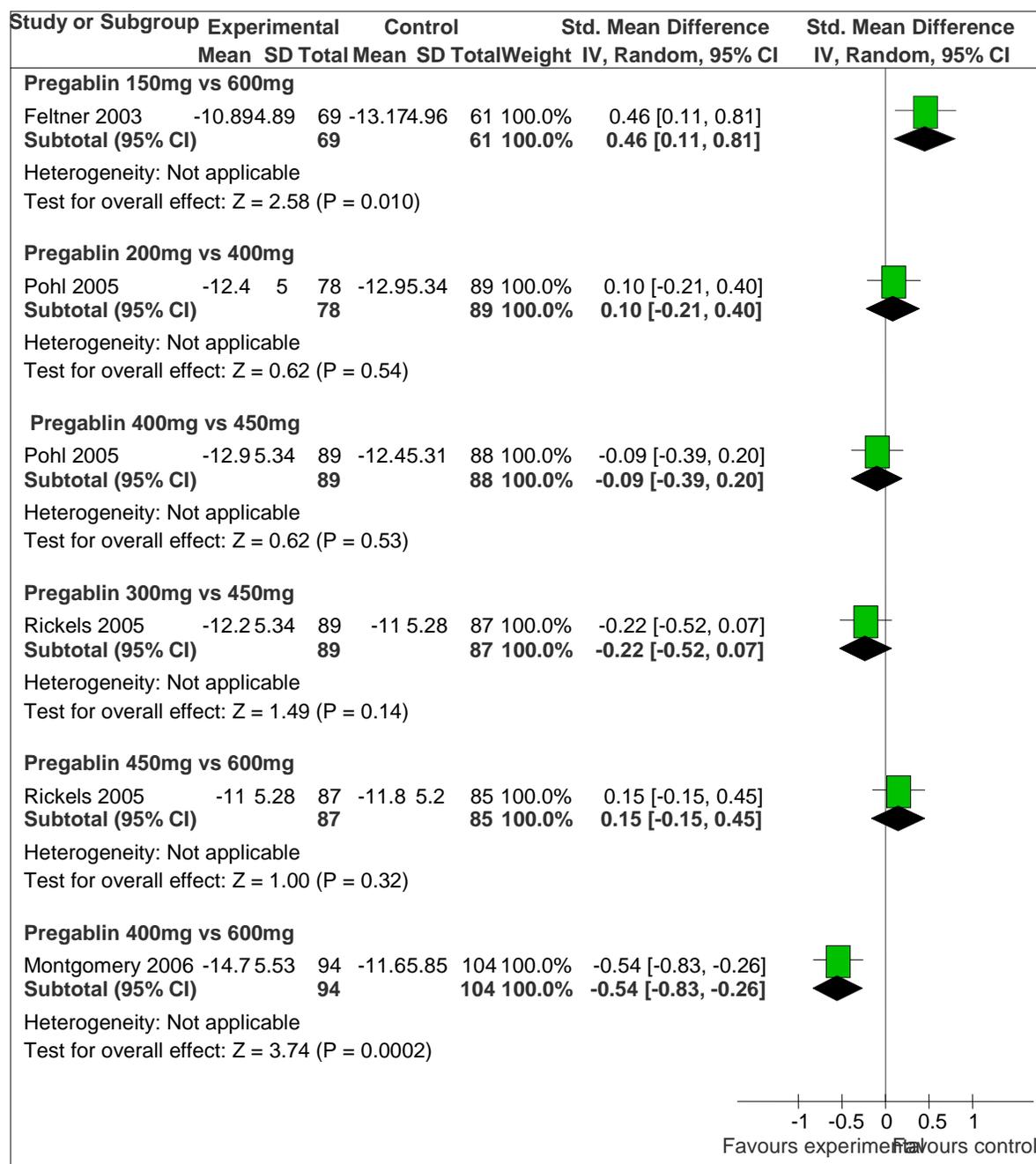


### Pregablin - HAMA

Intervention: Pregablin 150mg, 200mg, 300mg, 400mg and 450mg

Comparator: Pregablin 400mg, 450mg and 600mg

Outcome: HAMA

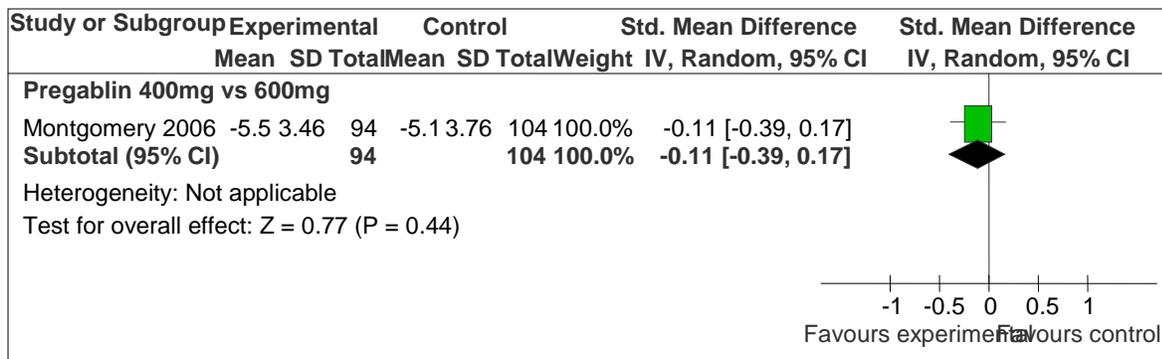


## Pregablin - HADSA

Intervention: Pregablin 400mg

Comparator: Pregablin 600mg

Outcome: HADSA

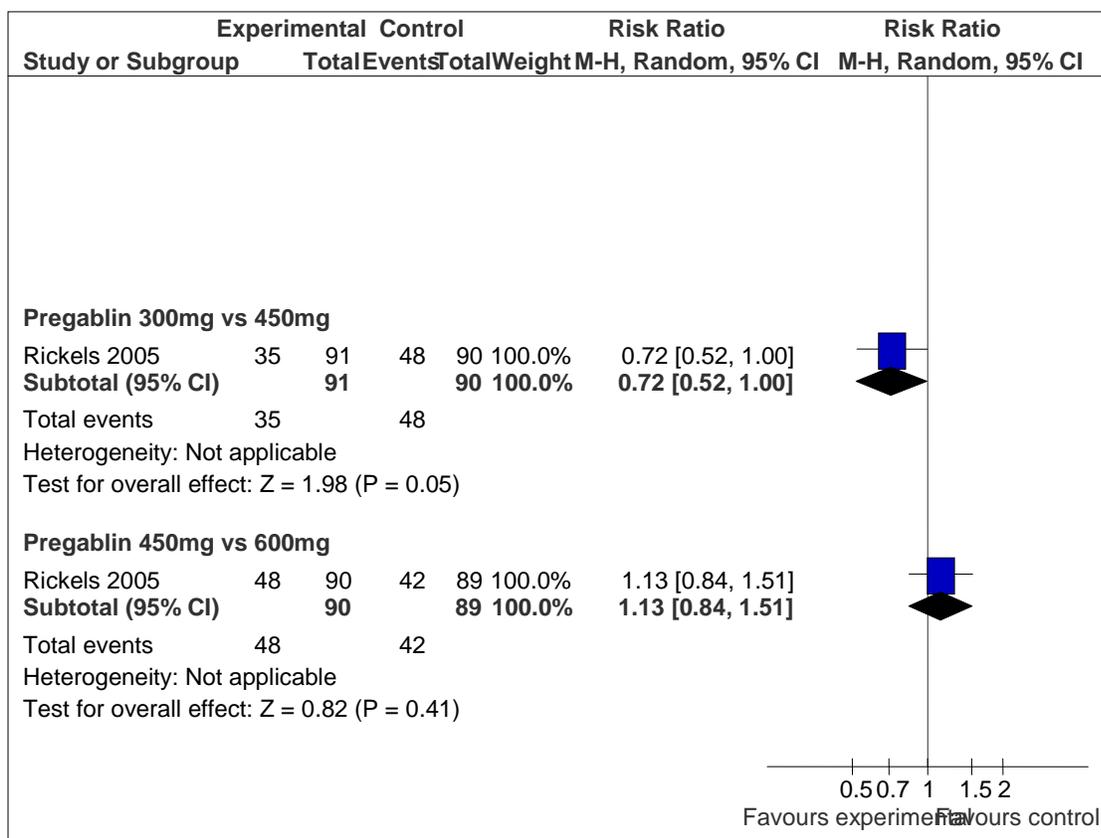


### Pregablin - Non-response ( $\leq 50\%$ reduction in HAMA)

Intervention: Pregablin 300mg and 450mg

Comparator: Pregablin 450mg and 600mg

Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)

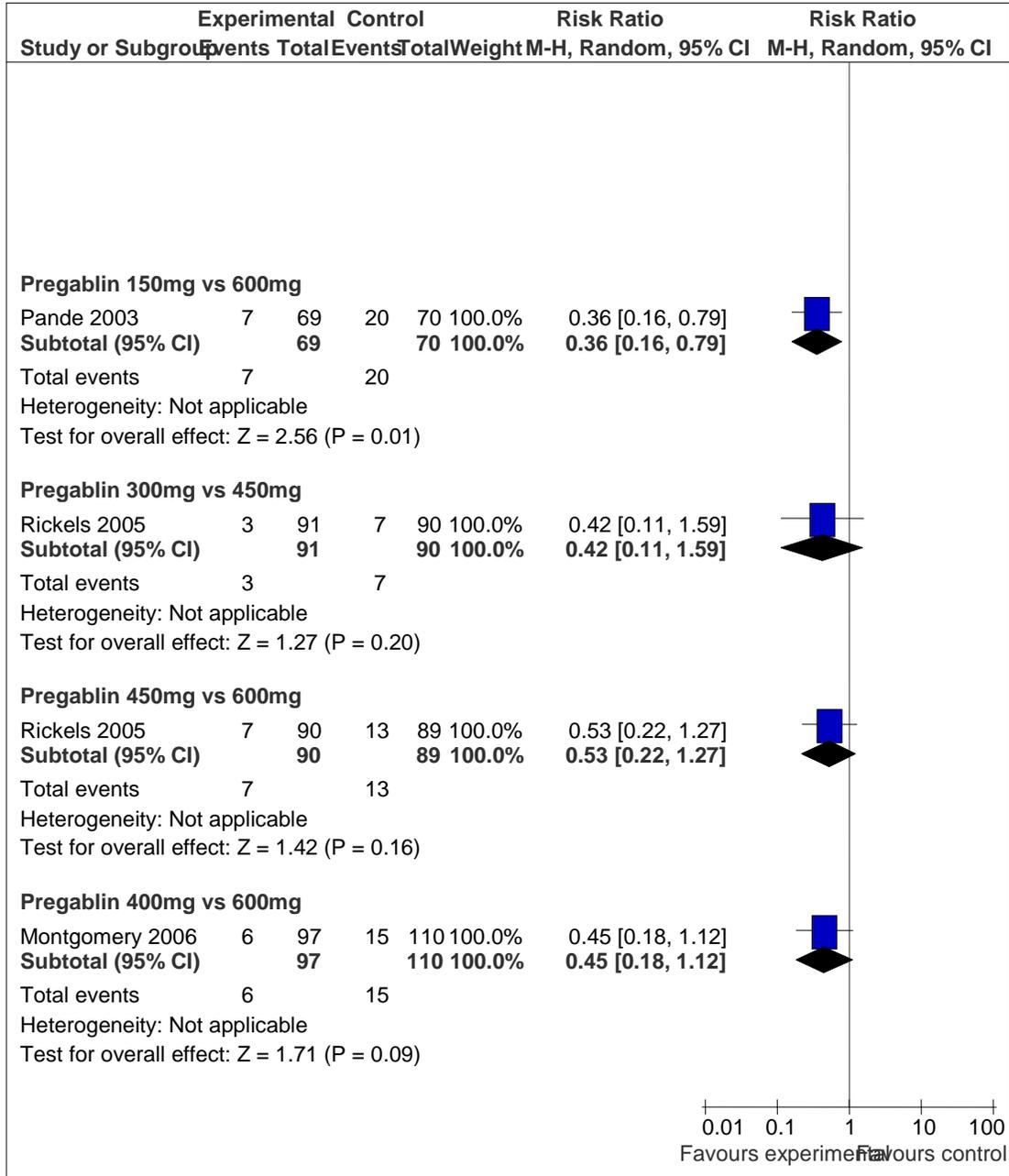


### Pregablin - Discontinuation due to adverse events

Intervention: Pregablin 150mg, 300mg, 400mg and 450mg

Comparator: Pregablin 450mg and 600mg

Outcome: Discontinuation due to adverse events

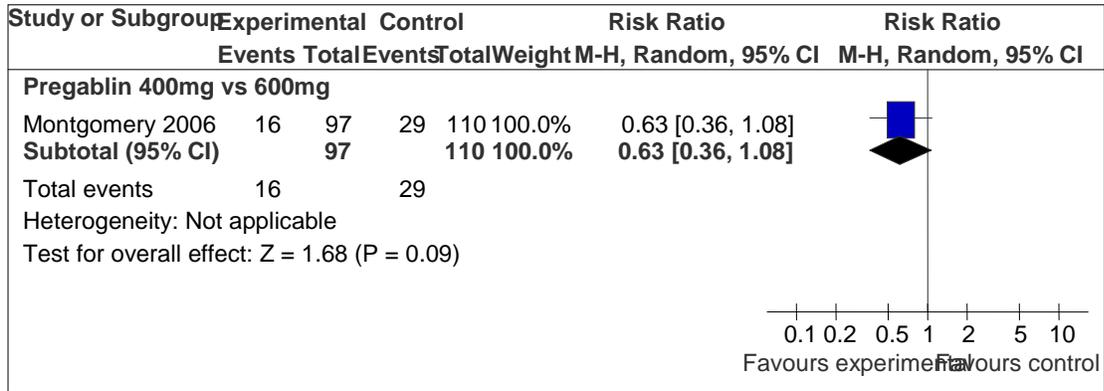


**Pregablin – Discontinuation due to any reason**

Intervention: Pregablin 400mg

Comparator: Pregablin 600mg

Outcome: Discontinuation due to any reason

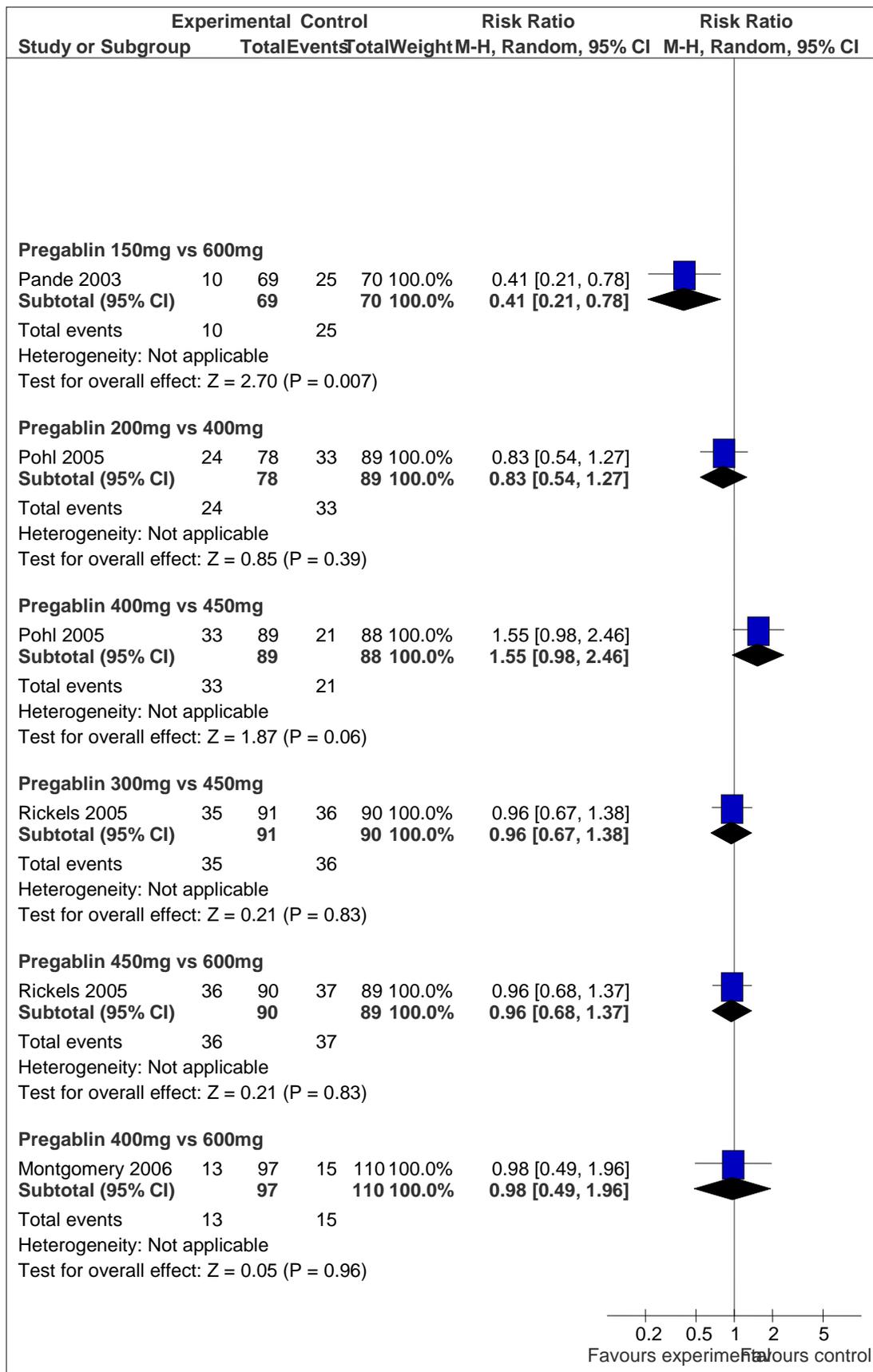


### Pregablin - Somnolence

Intervention: Pregablin 150mg, 200mg, 300mg, 400mg and 450mg

Comparator: Pregablin 400mg, 450mg, 600mg

Outcome: Somnolence

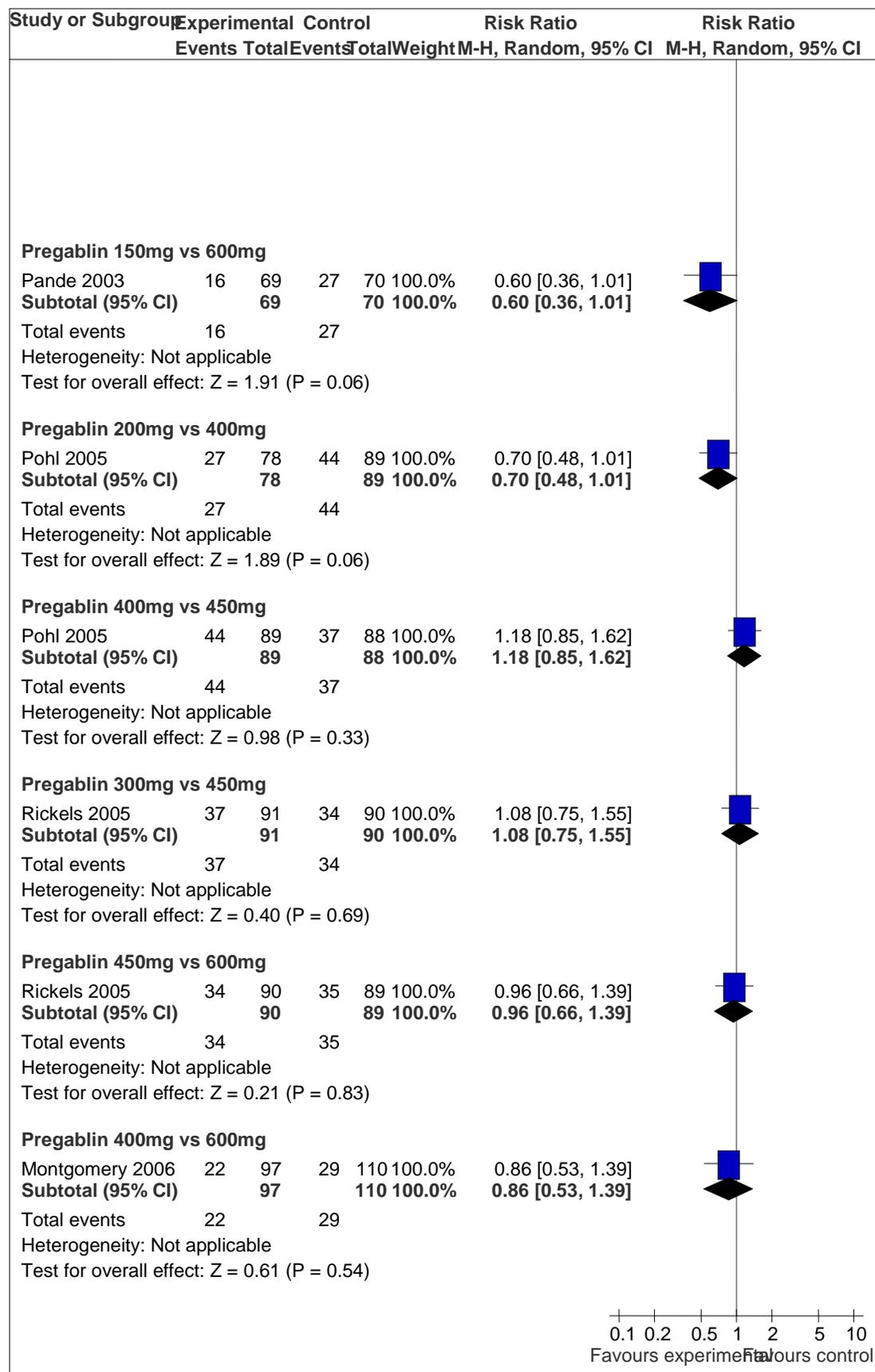


## **Pregablin - Dizziness**

Intervention: Pregablin 150mg, 200mg, 300mg, 400mg and 450mg

Comparator: Pregablin 400mg, 450mg and 600mg

Outcome: Dizziness

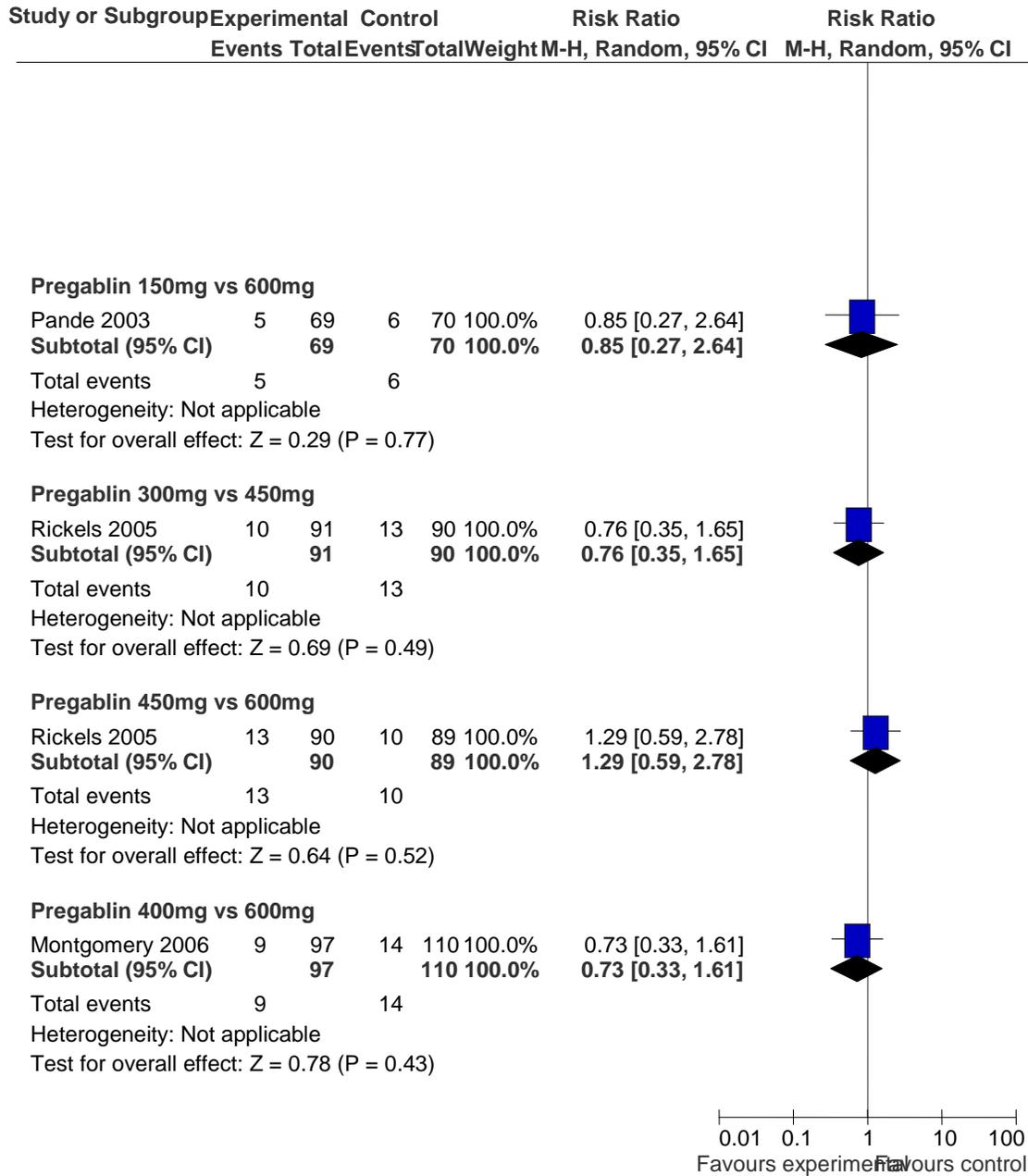


## Pregablin - Nausea

Intervention: Pregablin 150mg, 300mg, 400mg and 450mg

Comparator: Pregablin 450mg and 600mg

Outcome: Nausea

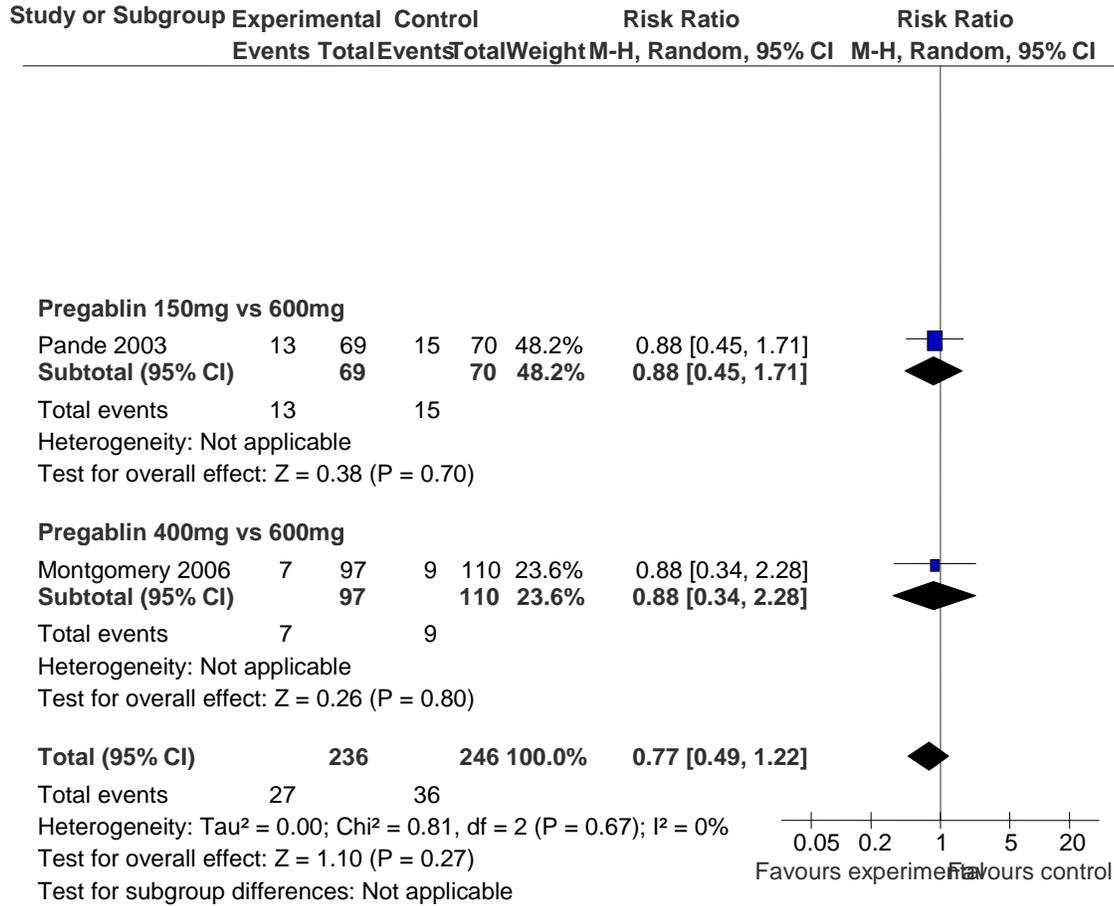


## Pregablin - Headache

Intervention: Pregablin 150mg, 200mg, 300mg, 400mg and 450mg

Comparator: Pregablin 400mg, 450mg and 600mg

Outcome: Headache

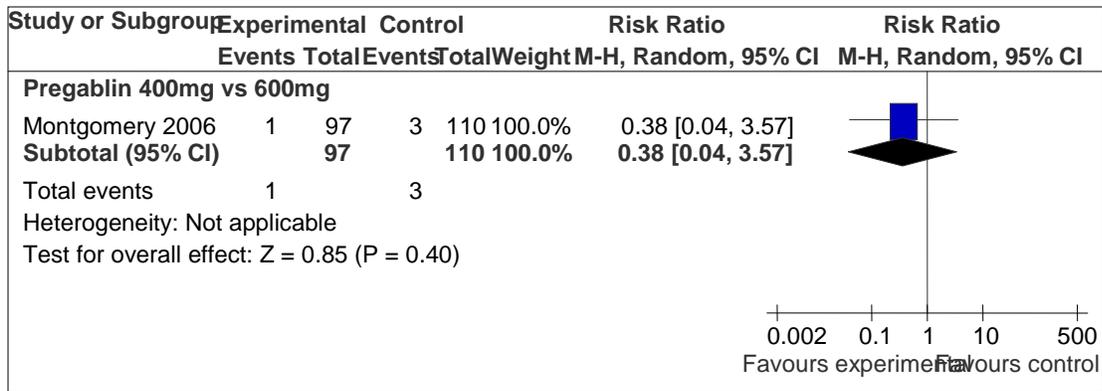


### Pregablin - Insomnia

Intervention: Pregablin 400mg

Comparator: Pregablin 600mg

Outcome: Insomnia



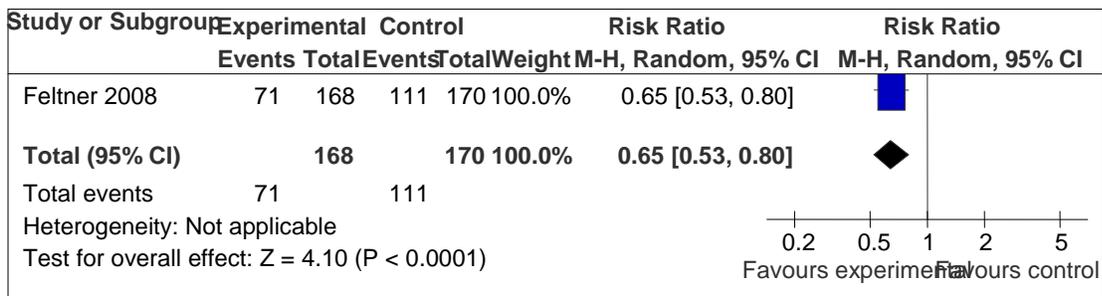
## Maintenance Treatment

### Pregablin versus Placebo

Intervention: Pregablin

Comparator: Placebo

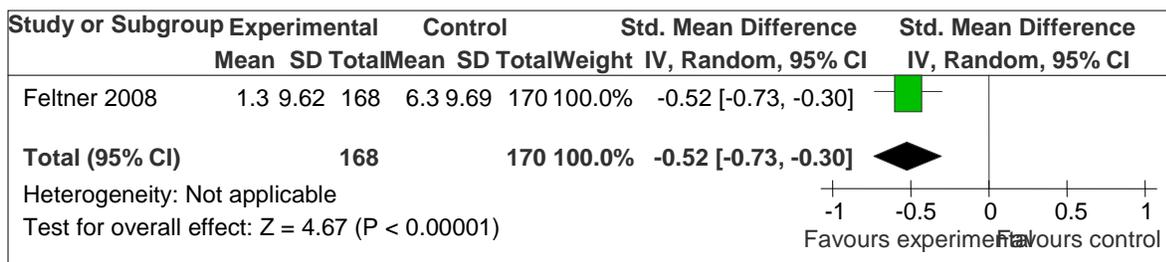
Outcome: Relapse



Intervention: Pregablin

Comparator: Placebo

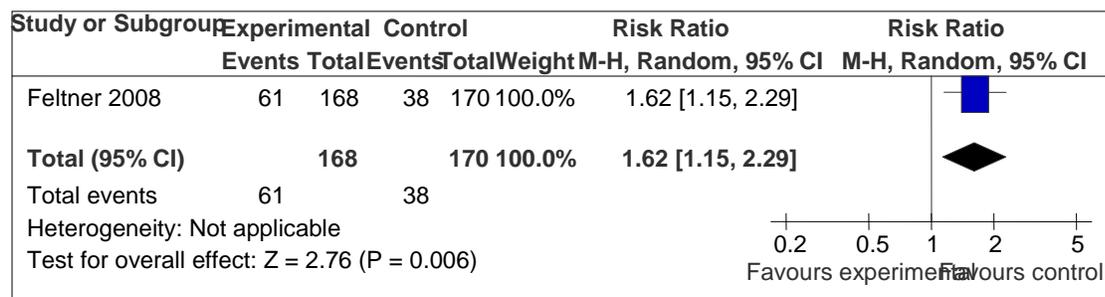
Outcome: HAMA



Intervention: Pregablin

Comparator: Placebo

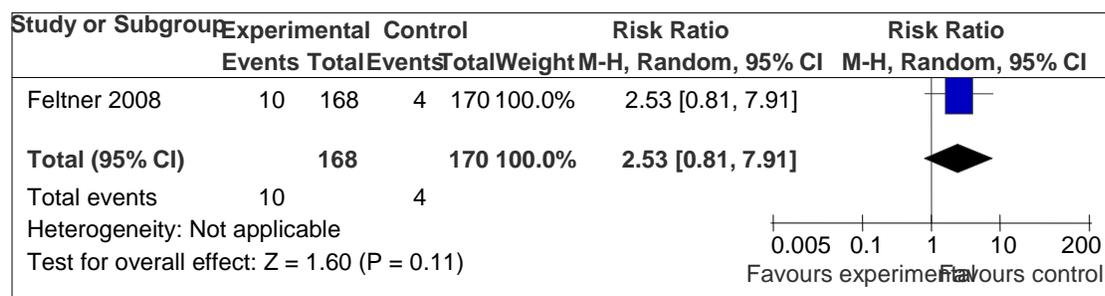
Outcome: Discontinuation for any reason



Intervention: Pregablin

Comparator: Placebo

Outcome: Discontinuation due to adverse events

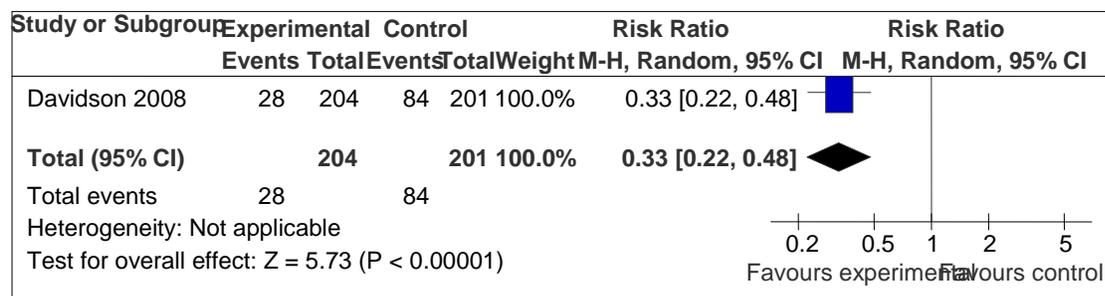


### Duloxetine versus Placebo

Intervention: Duloxetine

Comparator: Placebo

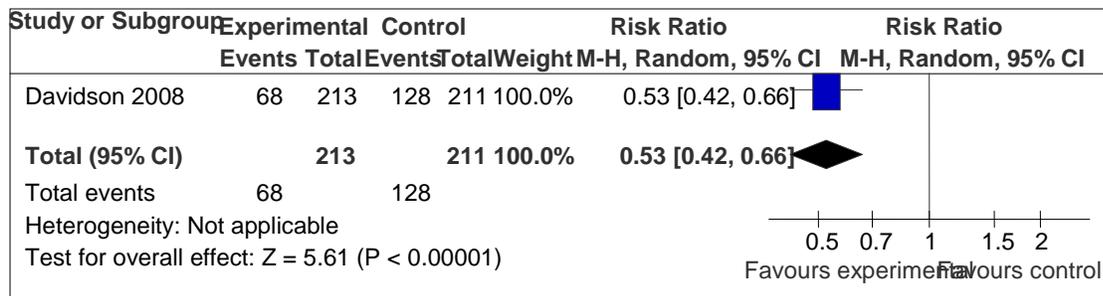
Outcome: Relapse



Intervention: Duloxetine

Comparator: Placebo

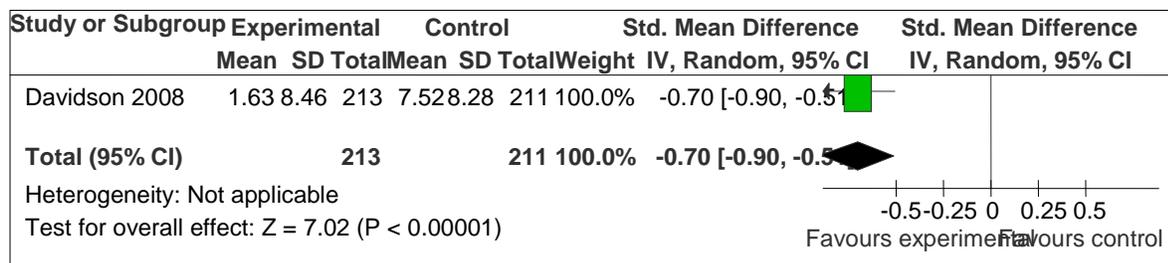
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Duloxetine

Comparator: Placebo

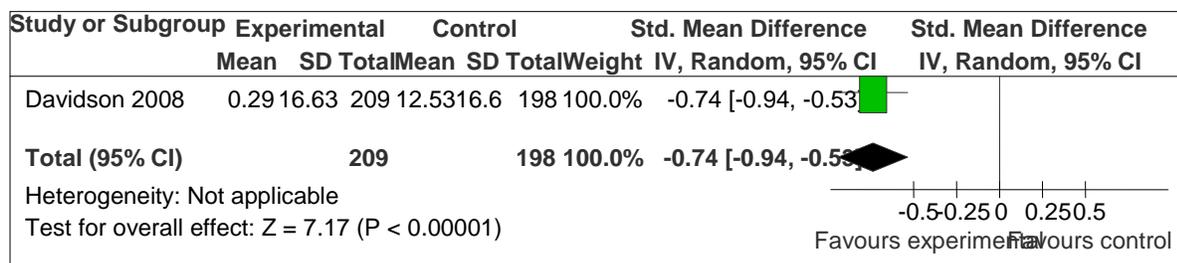
Outcome: HAMA



Intervention: Duloxetine

Comparator: Placebo

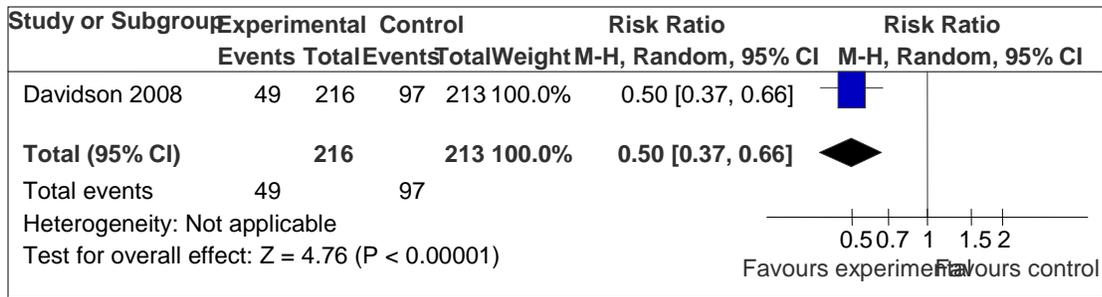
Outcome: Quality of Life (Q-LES-Q-SF)



Intervention: Duloxetine

Comparator: Placebo

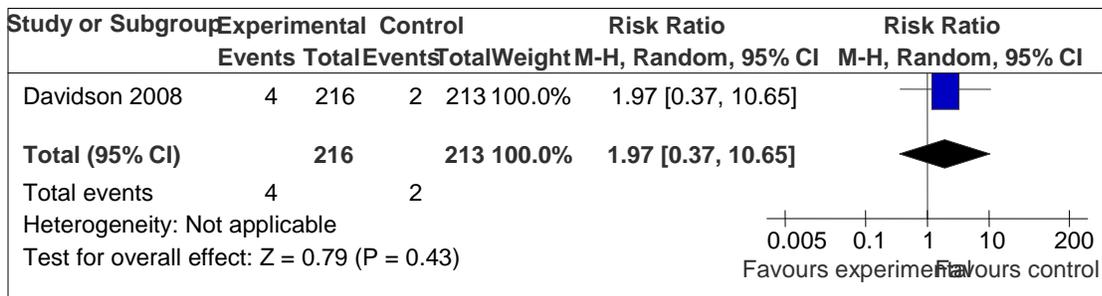
Outcome: Discontinuation for any reason



Intervention: Duloxetine

Comparator: Placebo

Outcome: Discontinuation due to adverse events

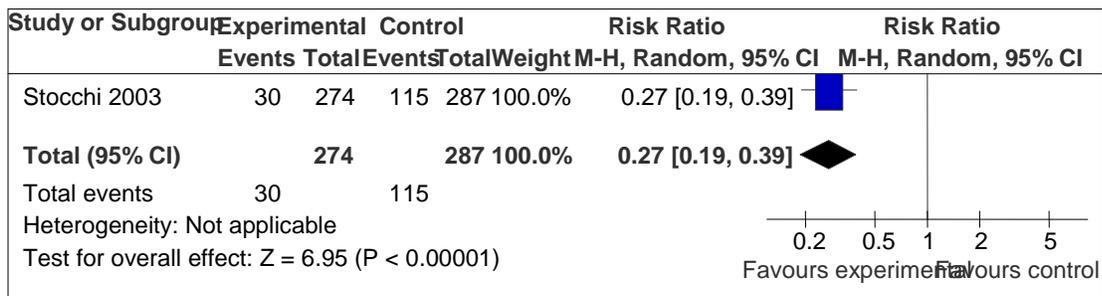


### Paroxetine versus Placebo

Intervention: Paroxetine

Comparator: Placebo

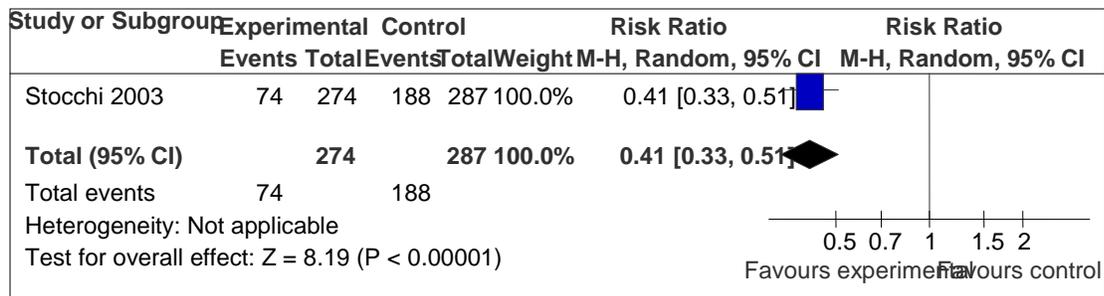
Outcome: Relapse



Intervention: Paroxetine

Comparator: Placebo

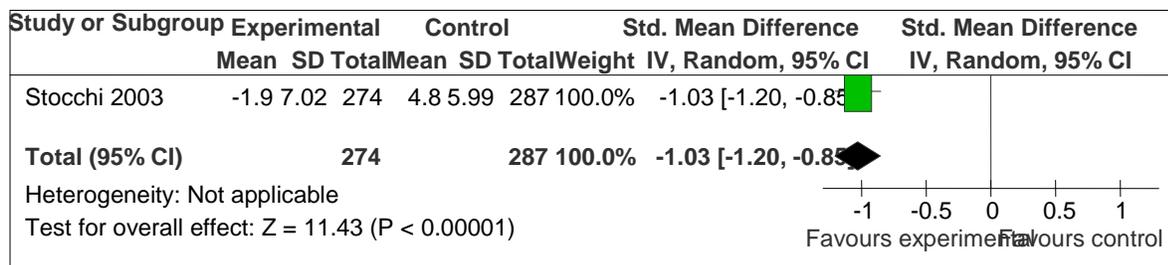
Outcome: Non-remission (≥7 on HAMA)



Intervention: Paroxetine

Comparator: Placebo

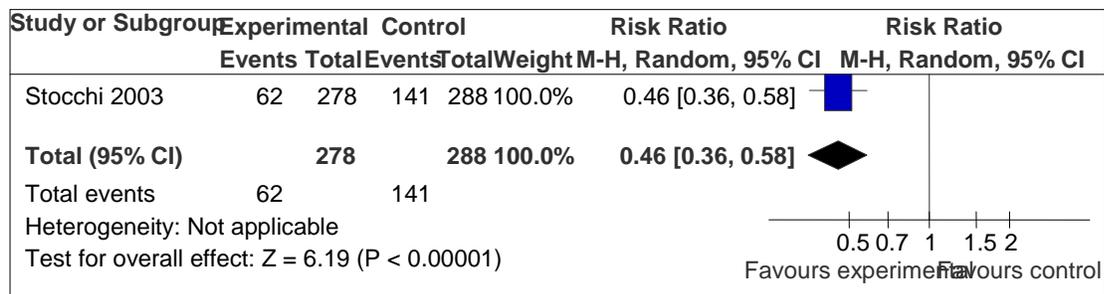
Outcome: HAMA



Intervention: Paroxetine

Comparator: Placebo

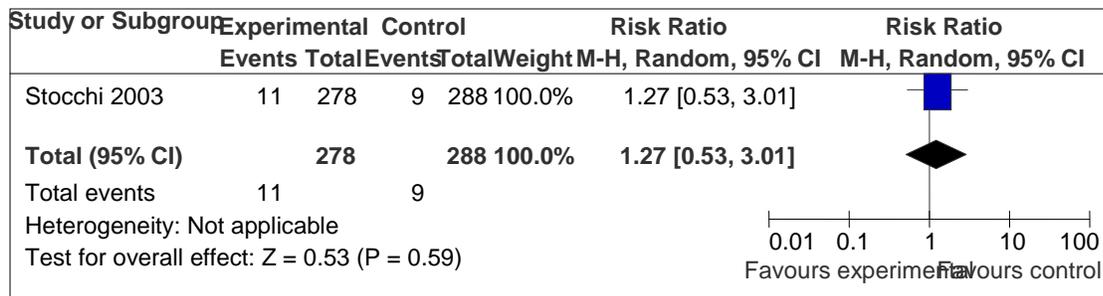
Outcome: Discontinuation for any reason



Intervention: Paroxetine

Comparator: Placebo

Outcome: Discontinuation due to adverse events

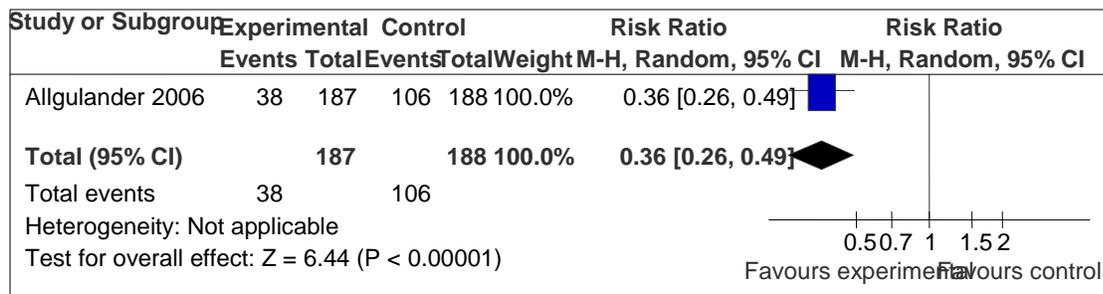


### Escitalopram versus Placebo

Intervention: Escitalopram

Comparator: Placebo

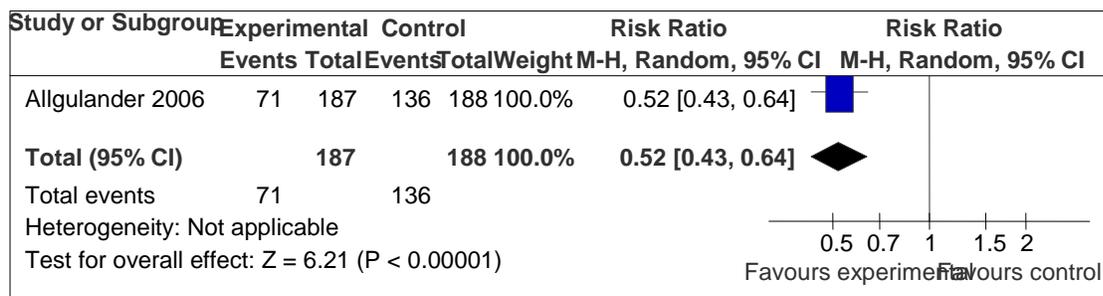
Outcome: Relapse



Intervention: Escitalopram

Comparator: Placebo

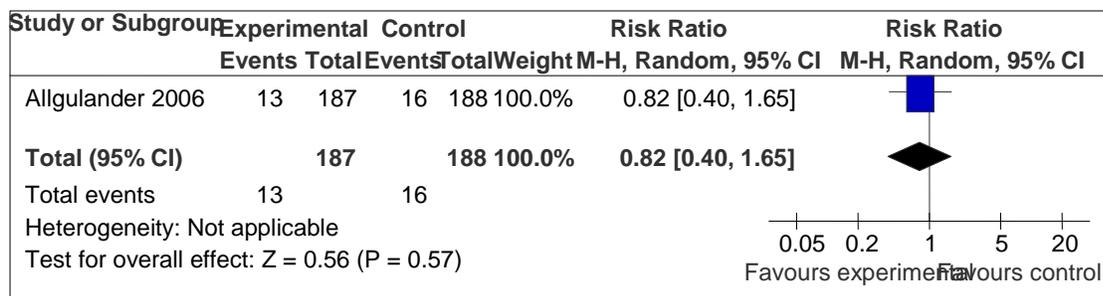
Outcome: Discontinuation for any reason



Intervention: Escitalopram

Comparator: Placebo

Outcome: Discontinuation due to adverse events

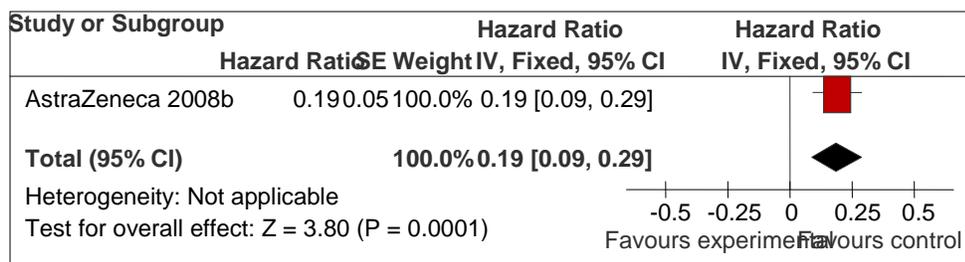


## Quetiapine versus Placebo

Intervention: Quetiapine

Comparator: Placebo

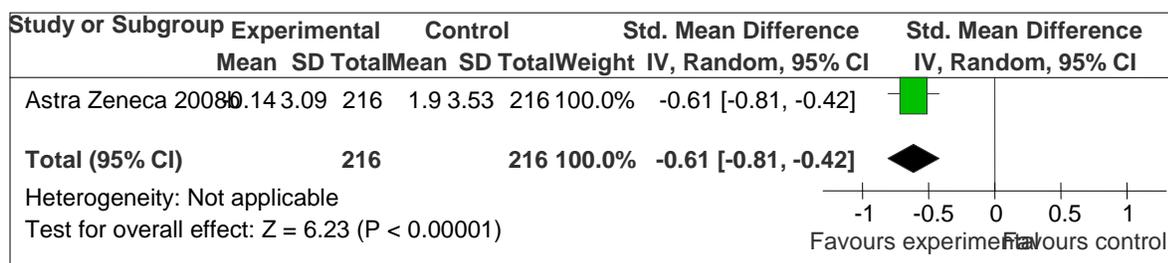
Outcome: Time to anxiety event



Intervention: Quetiapine

Comparator: Placebo

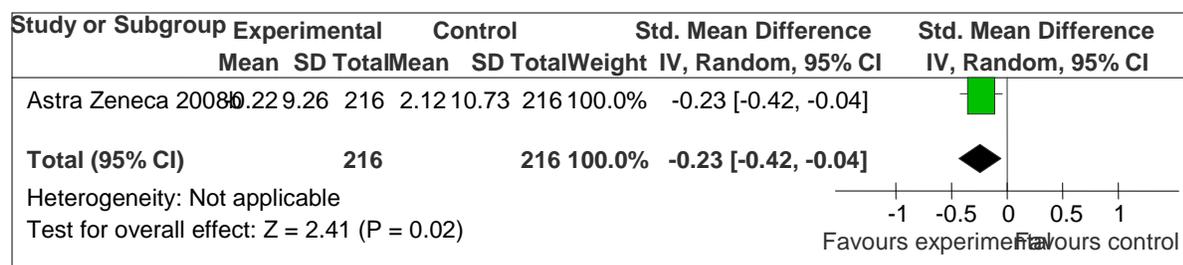
Outcome: HAMA



Intervention: Quetiapine

Comparator: Placebo

Outcome: Quality of Life (Q-LES-Q)



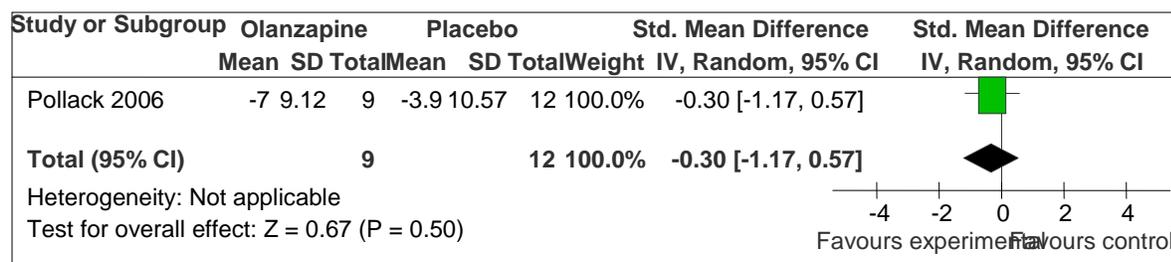
## Augmentation

### Pharmacological treatment for GAD and Olanzapine

Intervention: Olanzapine

Comparator: Placebo

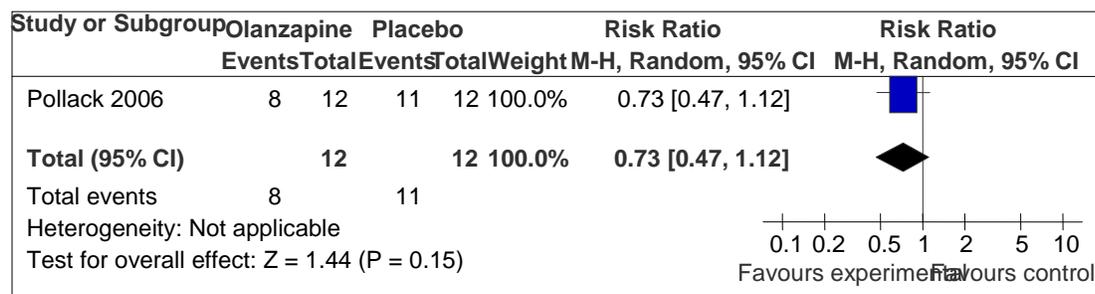
Outcome: HAMA



Intervention: Olanzapine

Comparator: Placebo

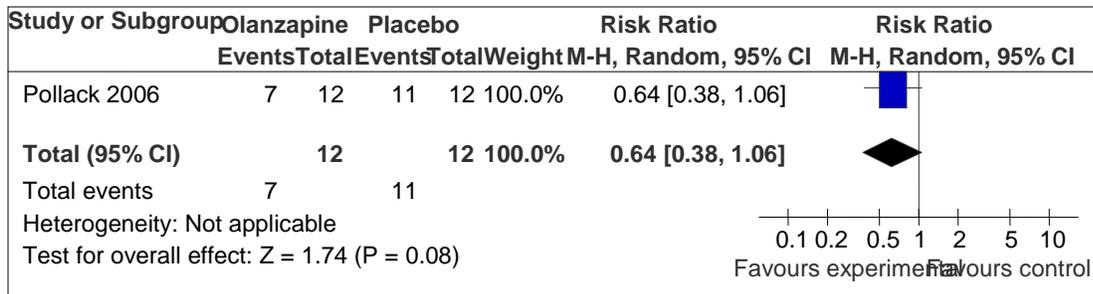
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Olanzapine

Comparator: Placebo

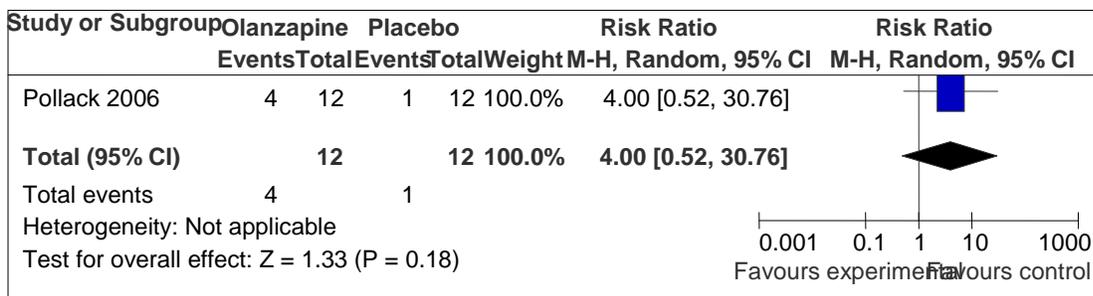
Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Olanzapine

Comparator: Placebo

Outcome: Discontinuation due to adverse events

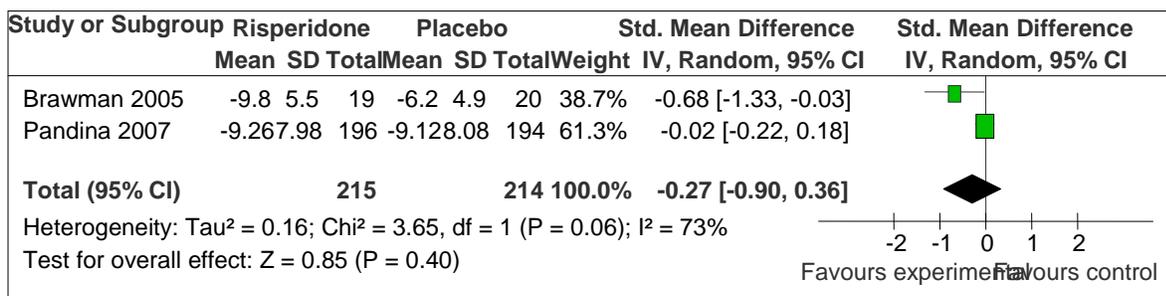


### Pharmacological treatment for GAD and Risperidone

Intervention: Risperidone

Comparator: Placebo

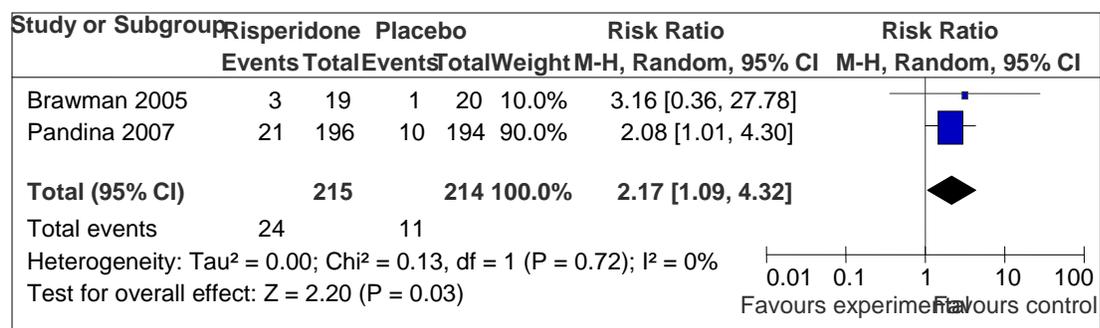
Outcome: HAMA



Intervention: Risperidone

Comparator: Placebo

Outcome: Discontinuation due to adverse events

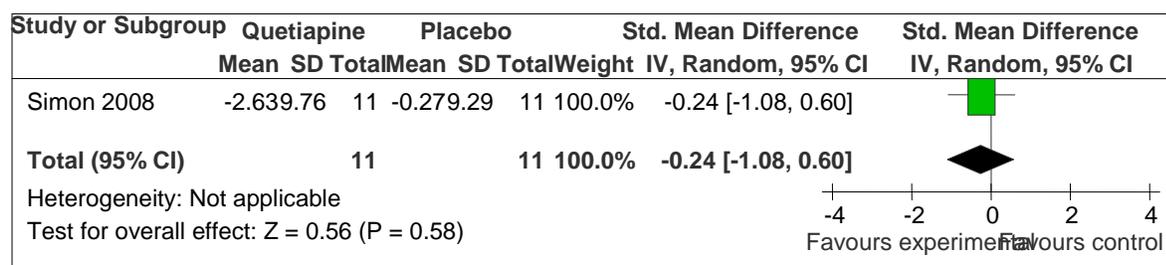


## Pharmacological treatment for GAD and Quetiapine

Intervention: Quetiapine

Comparator: Placebo

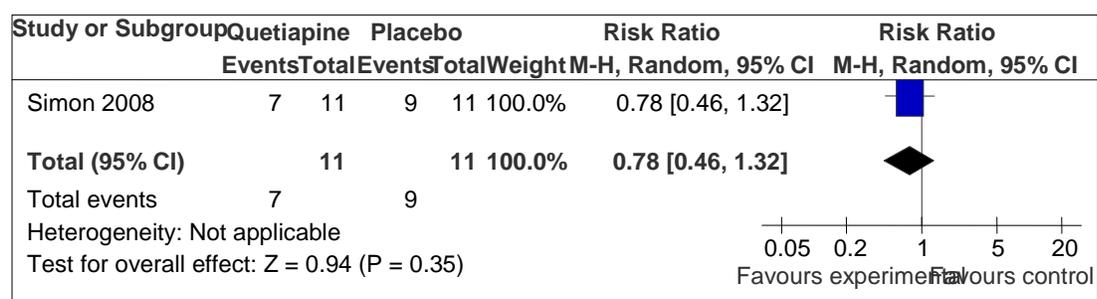
Outcome: HAMA



Intervention: Quetiapine

Comparator: Placebo

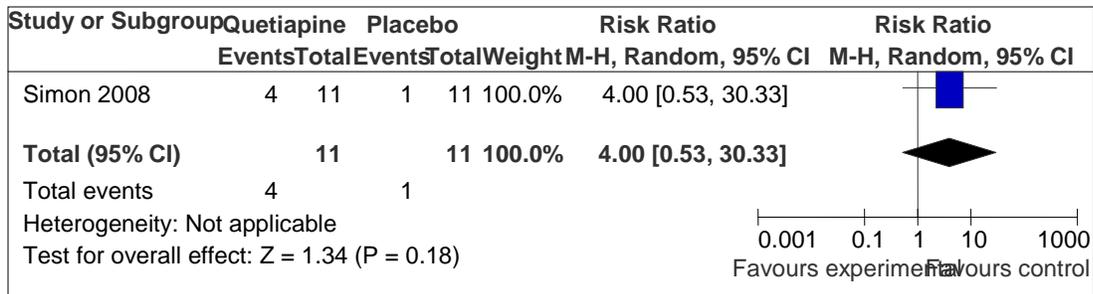
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Quetiapine

Comparator: Placebo

Outcome: Discontinuation due to adverse events

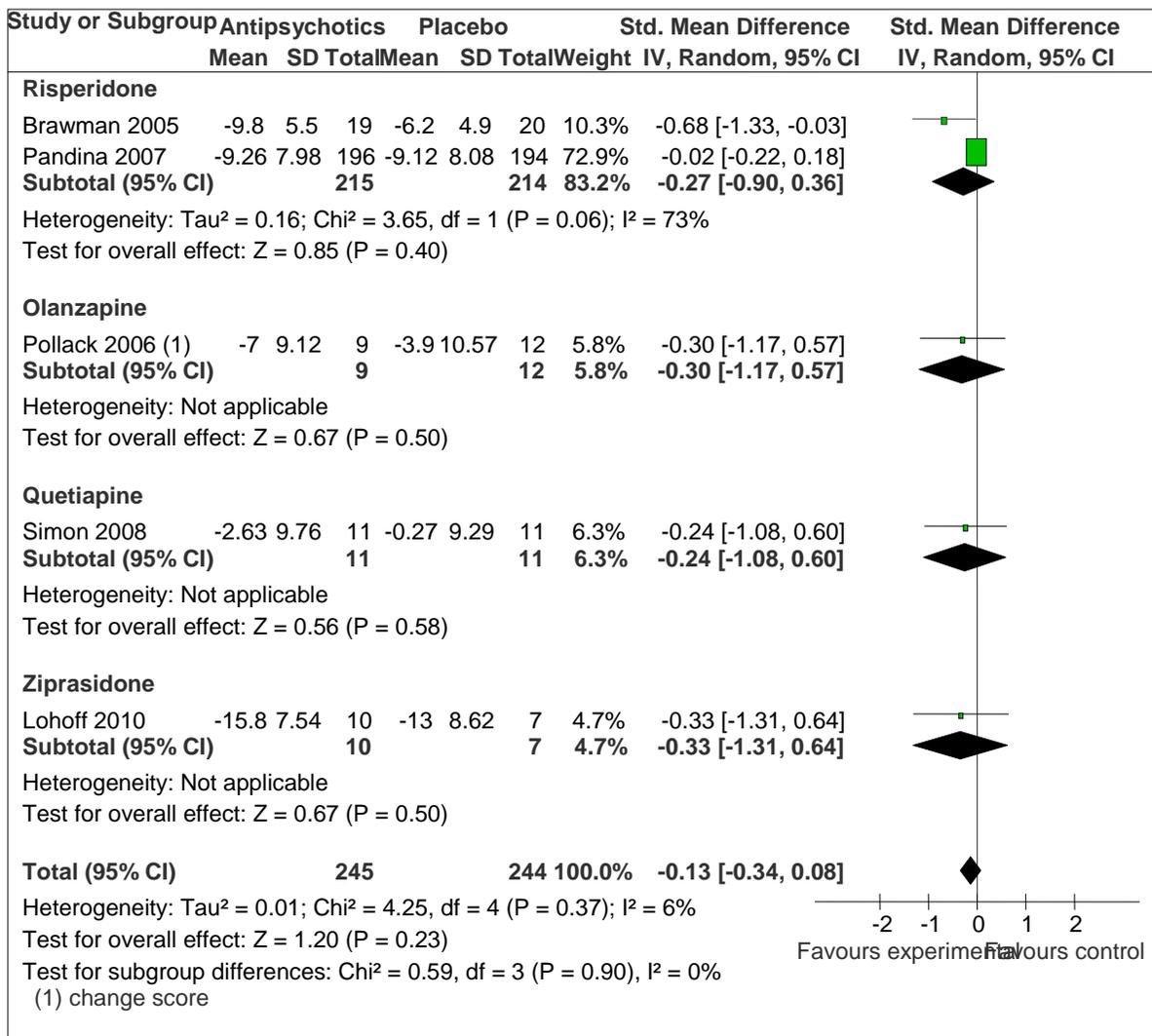


## Pharmacological treatment for GAD and Antipsychotics

Intervention: Antipsychotics

Comparator: Placebo

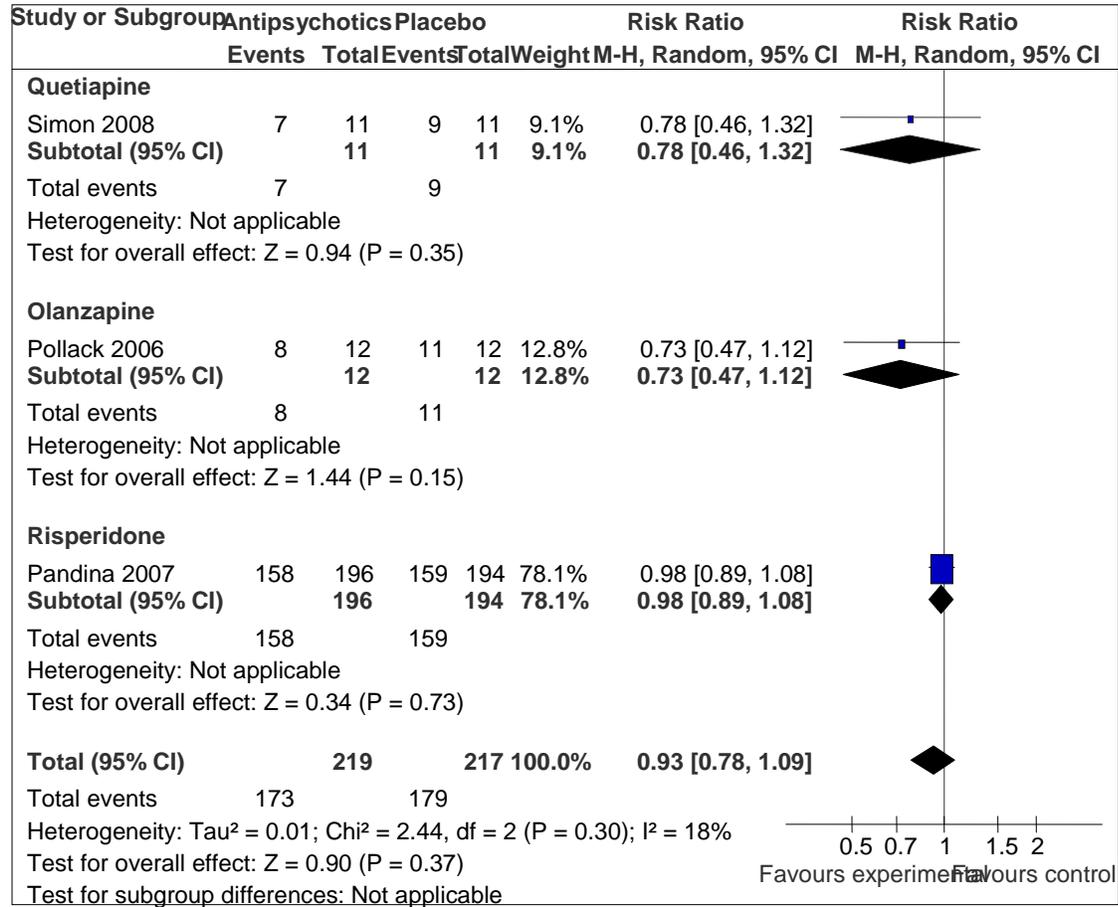
Outcome: HAMA



Intervention: Antipsychotics

Comparator: Placebo

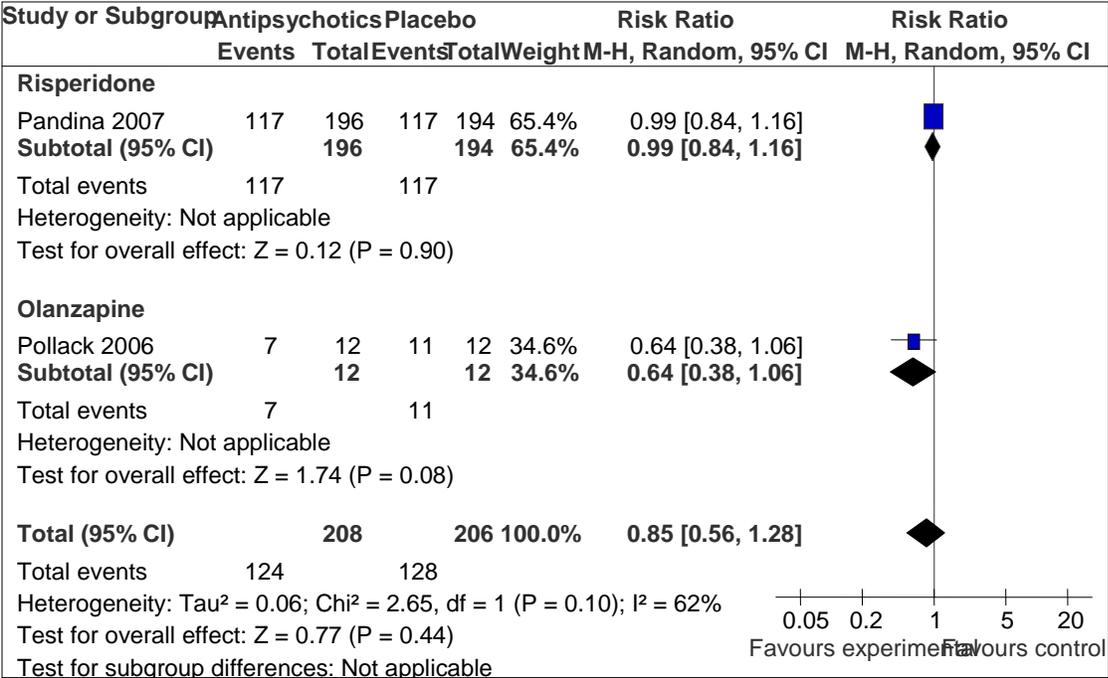
Outcome: Non-remission ( $\geq 7$  on HAMA)



Intervention: Antipsychotics

Comparator: Placebo

Outcome: Non-response ( $\leq 50\%$  reduction in HAMA)



Intervention: Antipsychotics

Comparator: Placebo

Outcome: Discontinuation due to adverse events

