

Appendix 16 Clinical evidence forest plots

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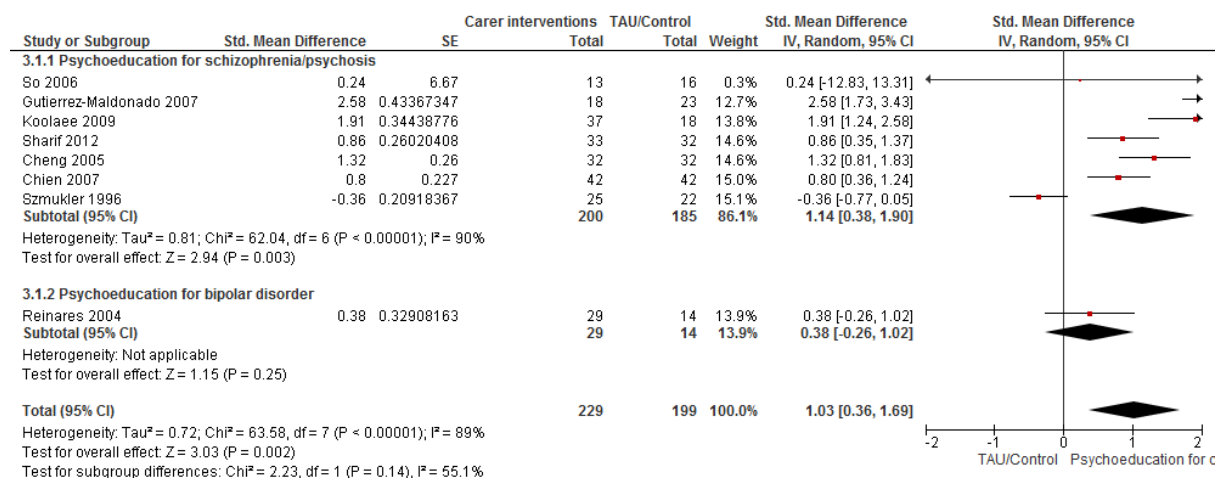
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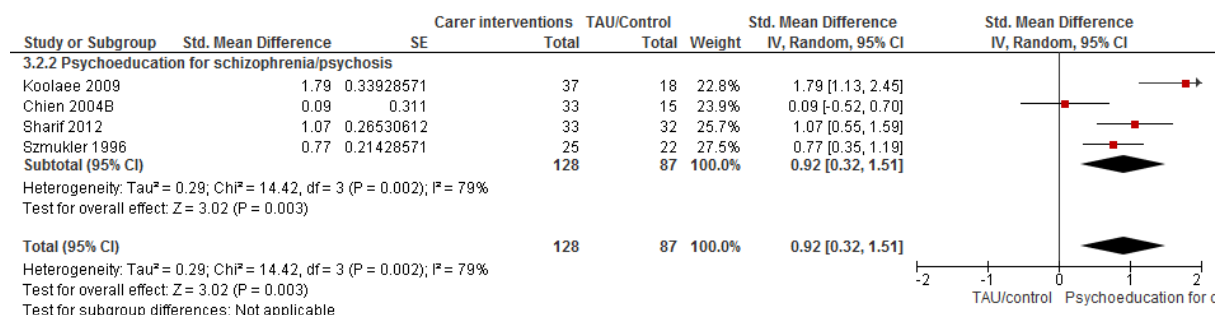
1. CARER EXPERIENCE OF THE INTERVENTION AND MANAGEMENT OF SCHIZOPHRENIA

1.1 PSYCHOEDUCATION COMPARED WITH TAU/CONTROL

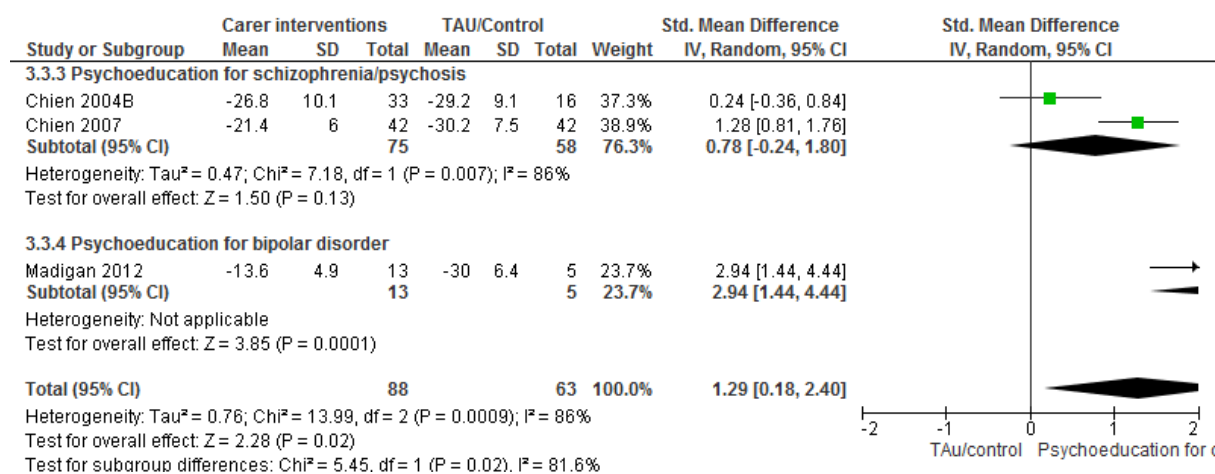
Experience of caregiving - end of intervention



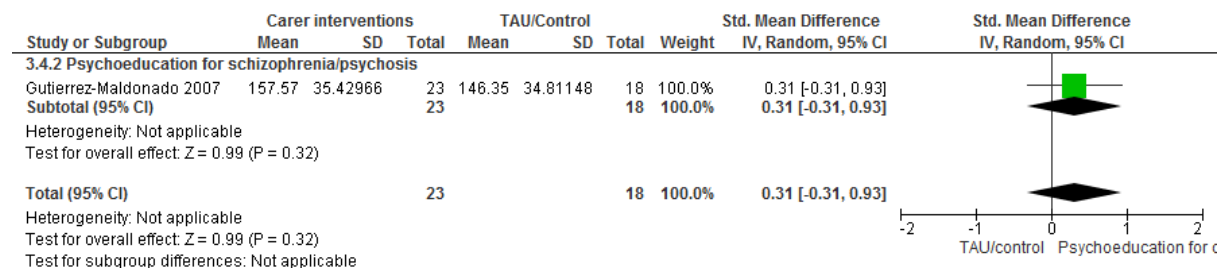
Experience of caregiving - up to 6 month follow-up.



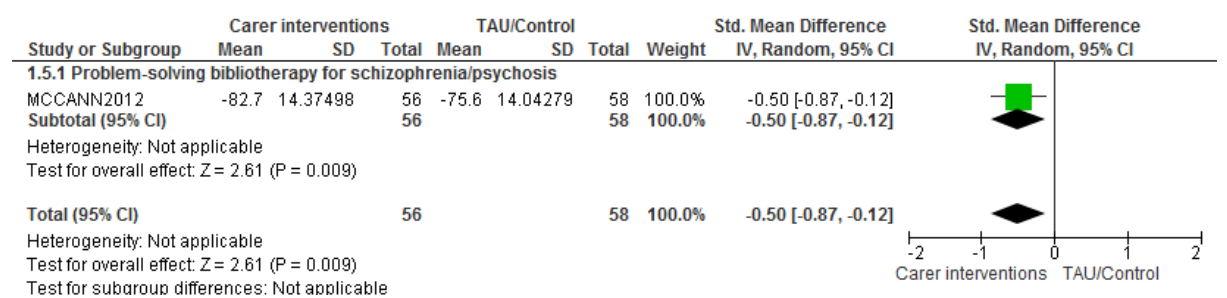
Experience of caregiving - > 6 month follow-up.



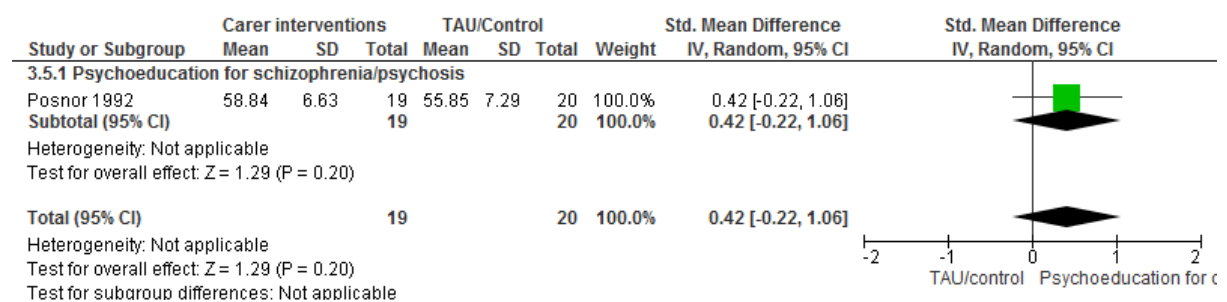
Quality of Life - end of intervention.



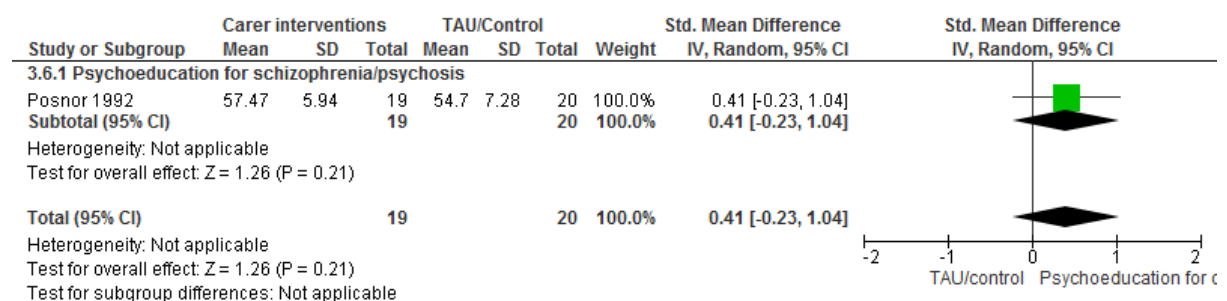
Quality of life - up to 6 month follow-up.



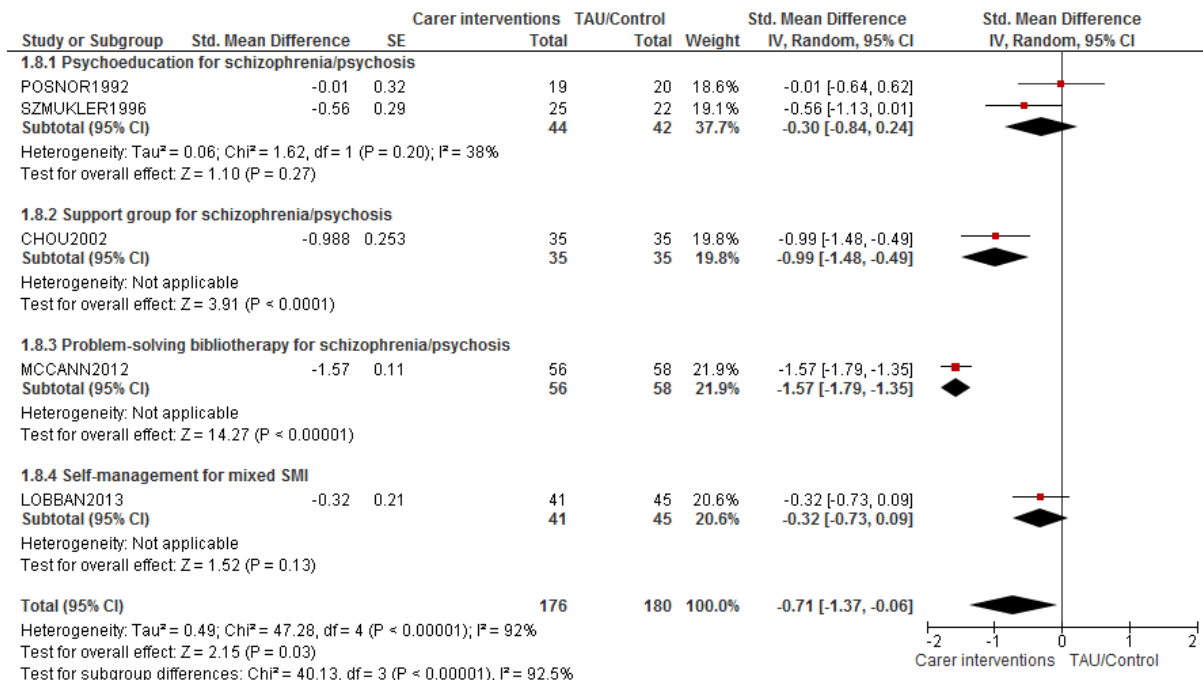
Satisfaction with services - end of intervention.



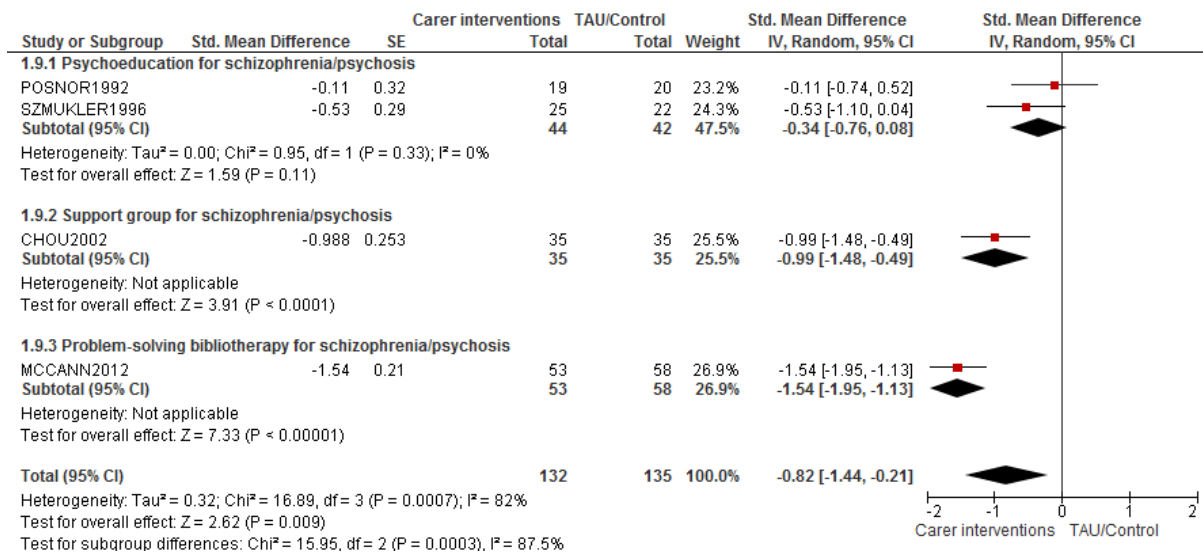
Satisfaction with services - up to 6 month follow-up.



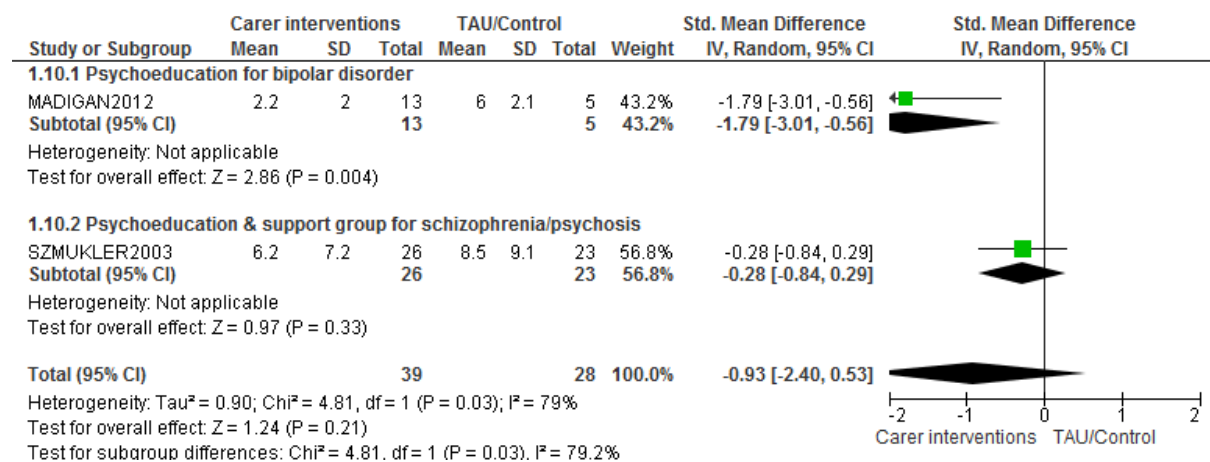
Psychological distress - end of intervention.



Psychological distress- up to 6 month follow-up.

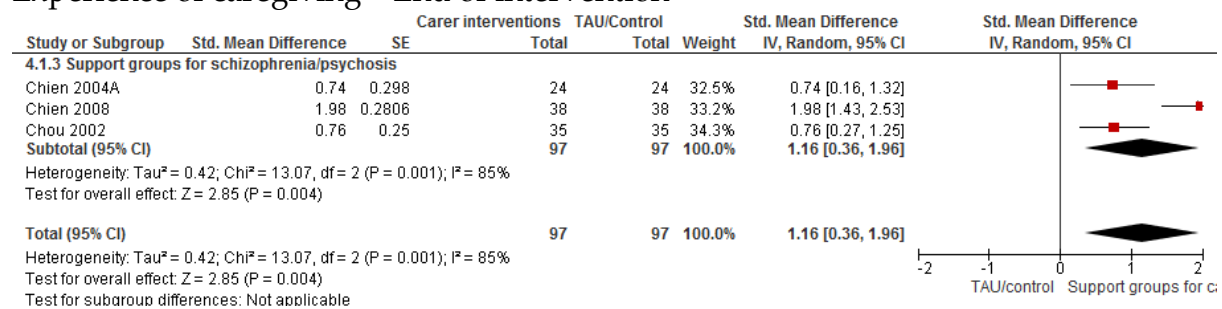


Psychological distress - > 6 month follow-up.

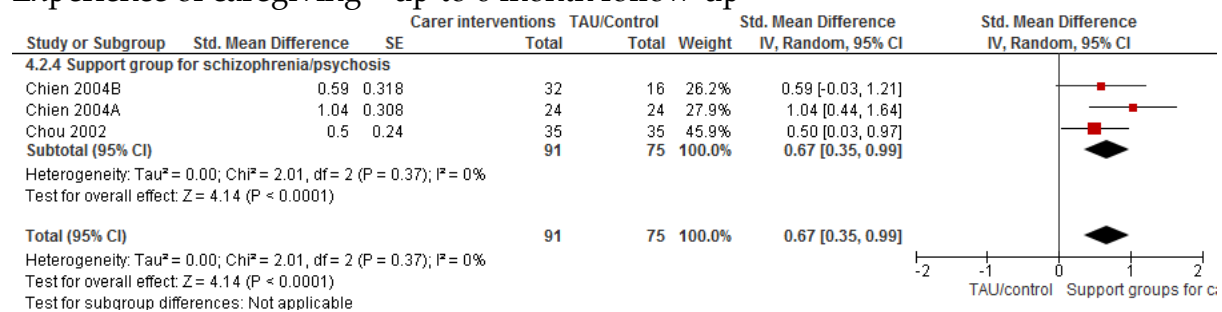


1.2 Support group versus TAU/control

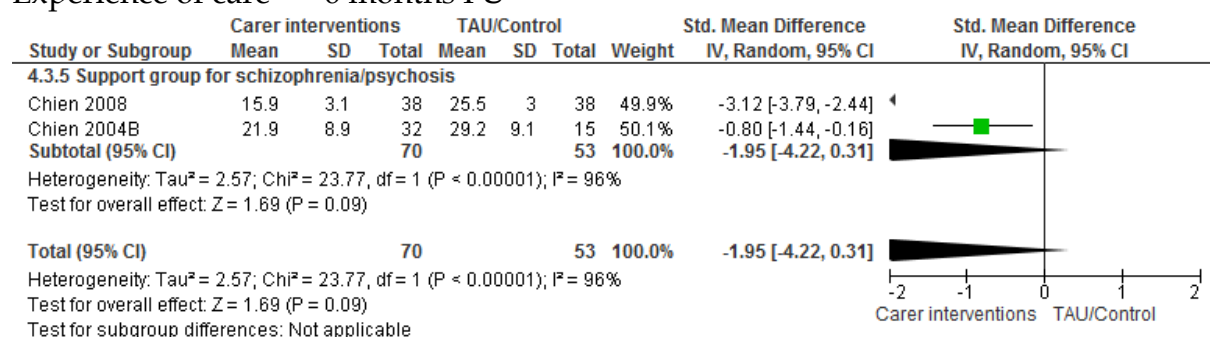
Experience of caregiving – End of intervention



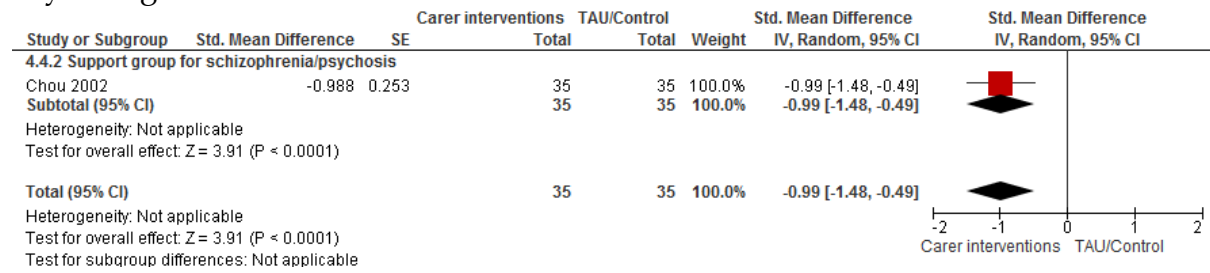
Experience of caregiving – up to 6 month follow-up



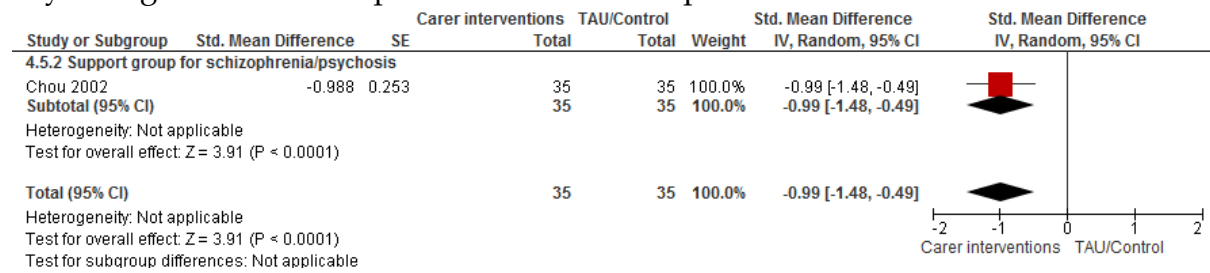
Experience of care - > 6 months FU



Psychological distress – End of intervention

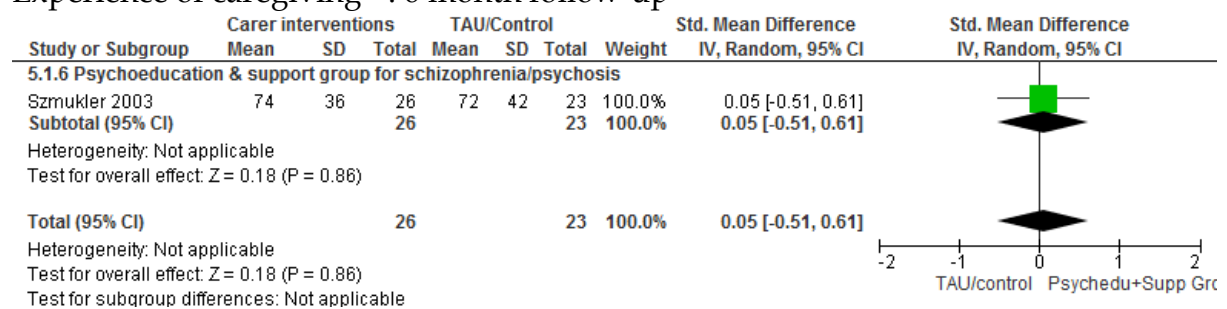


Psychological distress – up to 6 month follow-up

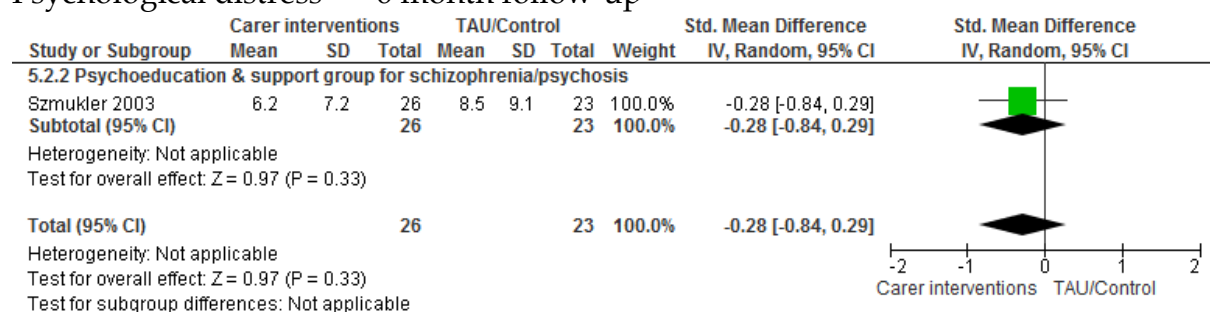


1.3 Psychoeducation + support group versus TAU/control

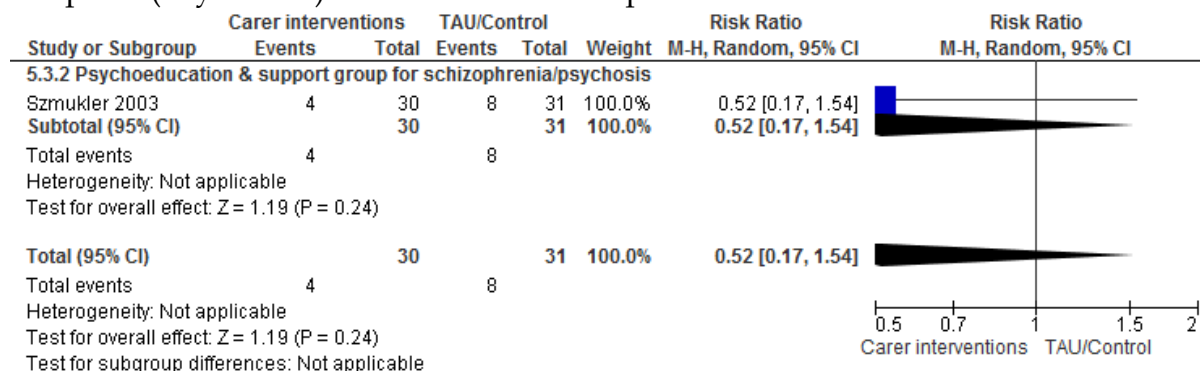
Experience of caregiving - . 6 month follow-up



Psychological distress - > 6 month follow-up

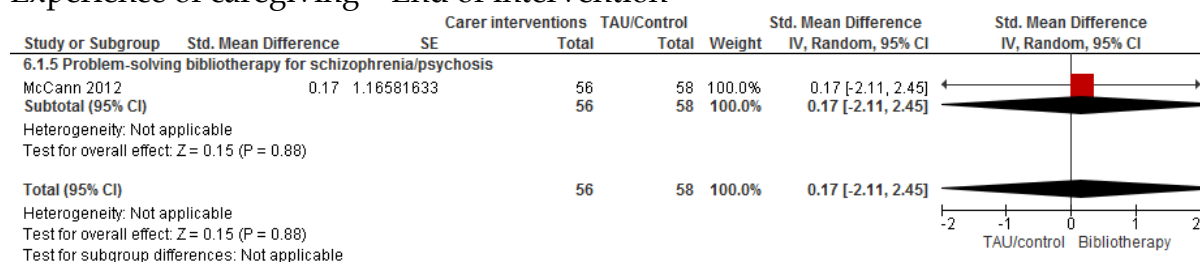


Drop-out (any reason) - > 6 month follow-up

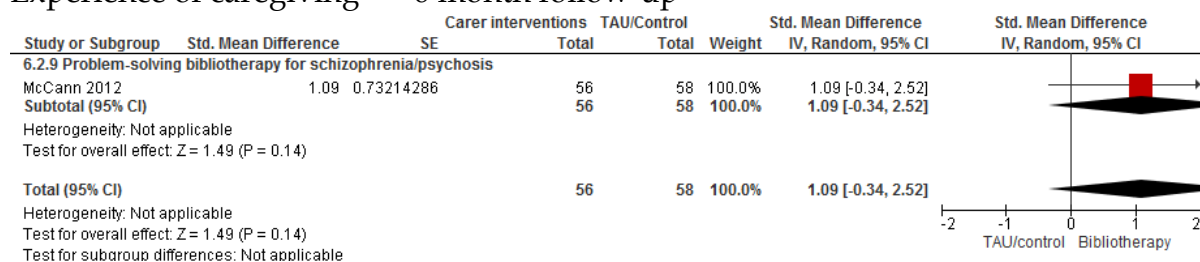


1.4 Problem-solving bibliotherapy versus TAU/control

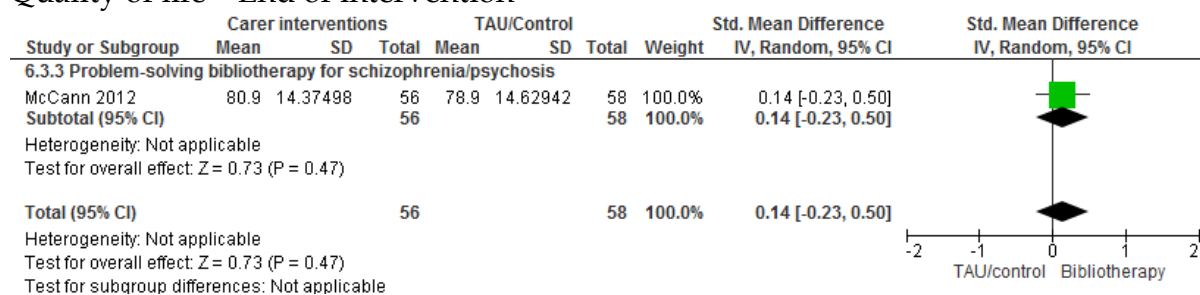
Experience of caregiving - End of intervention



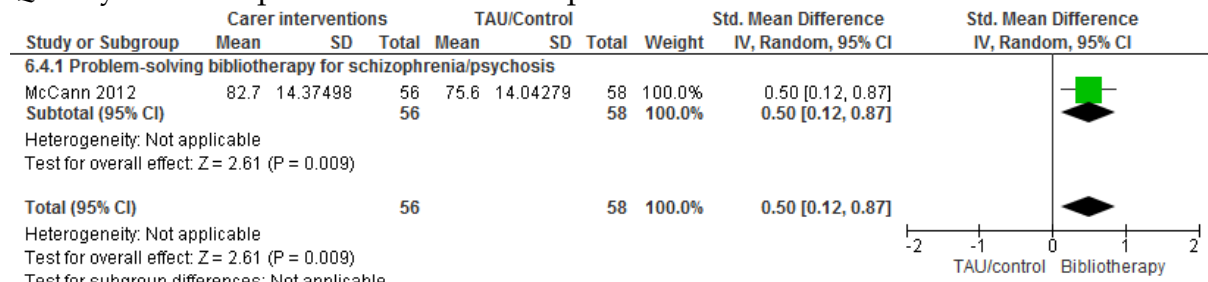
Experience of caregiving - > 6 month follow-up



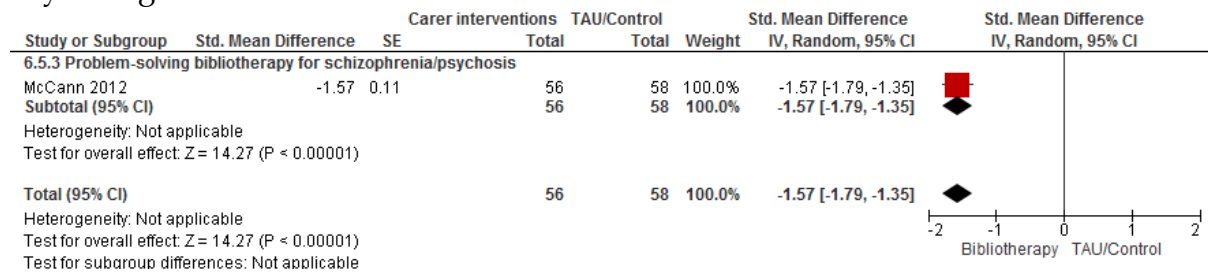
Quality of life - End of intervention



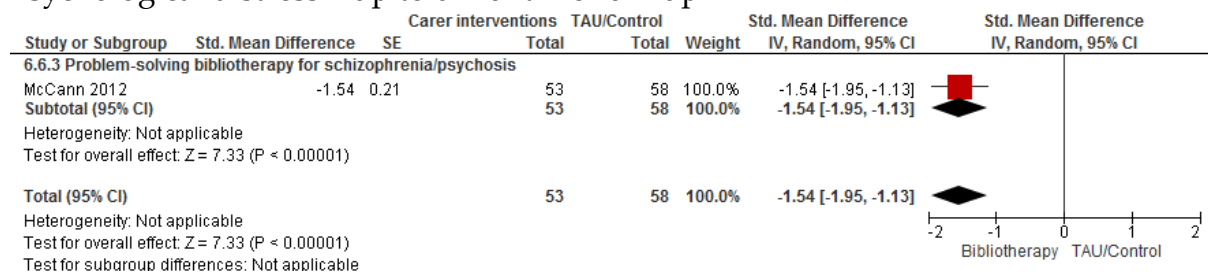
Quality of life – up to 6 month follow-up



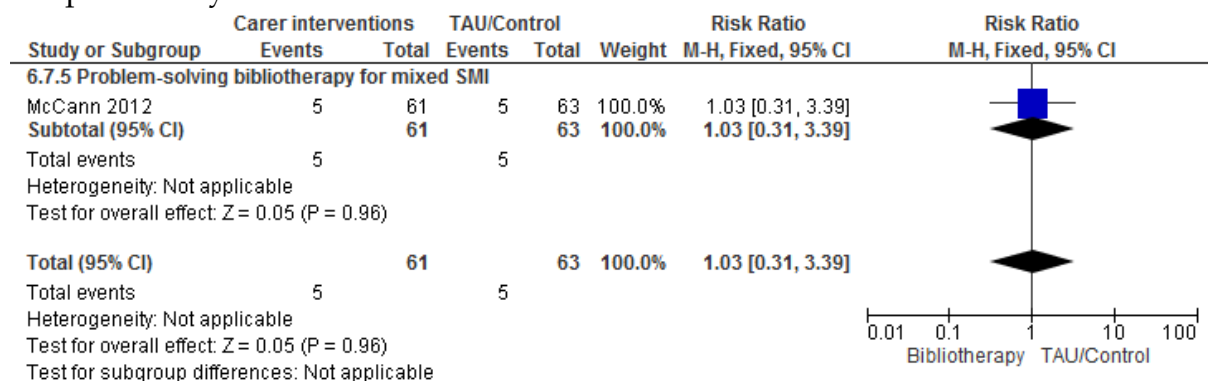
Psychological distress – End of intervention



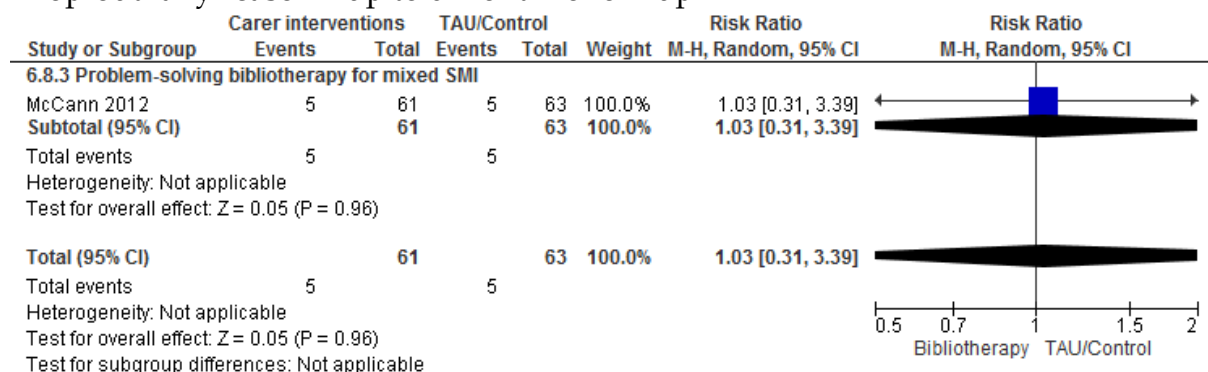
Psychological distress – up to 6 month follow-up



Drop-out – any reason – End of intervention

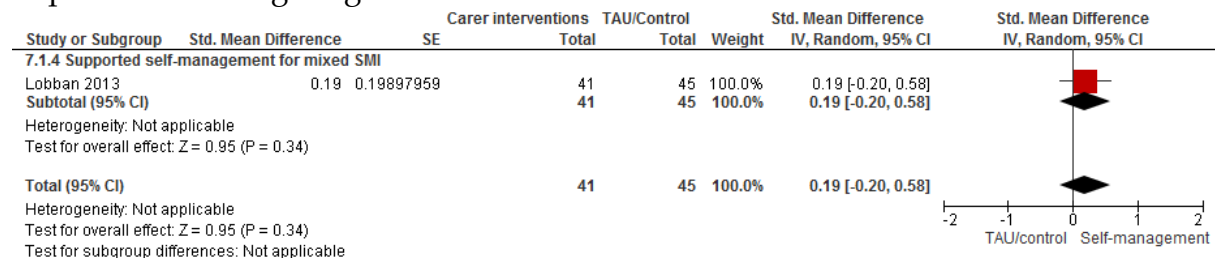


Drop-out- any reason – up to 6 month follow-up

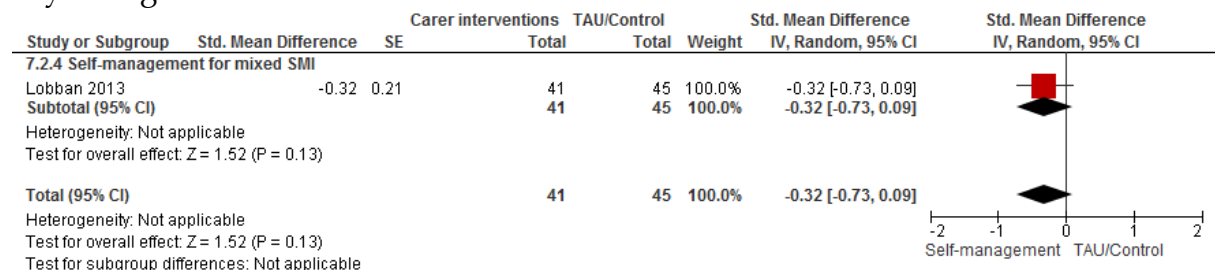


1.5 Self-management verses TAU/control

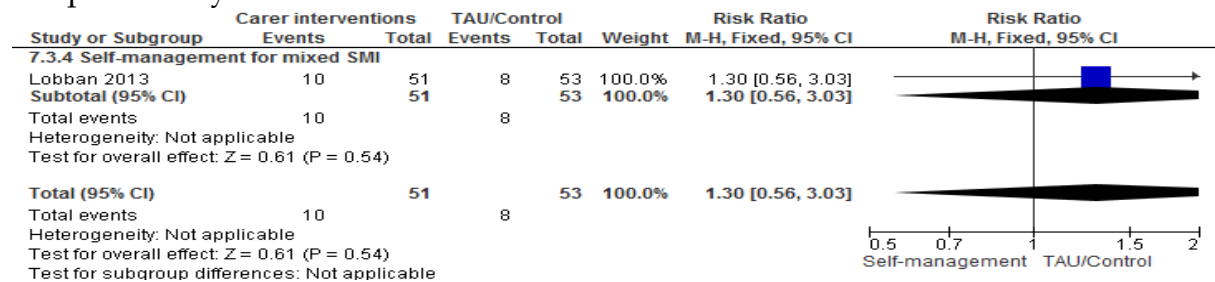
Experience of caregiving – End of intervention



Psychological distress – End of intervention

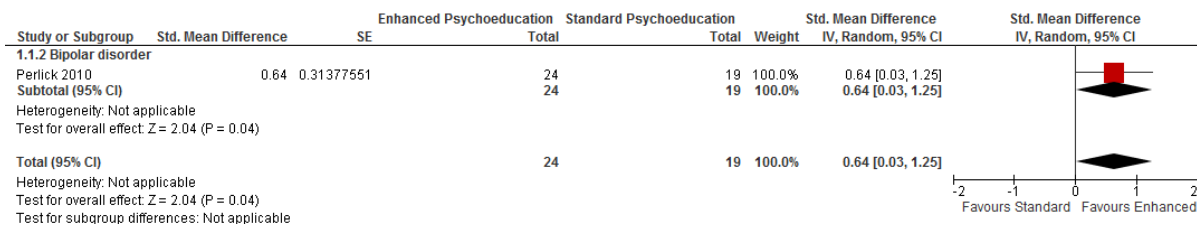


Drop-out – any reason – End of intervention

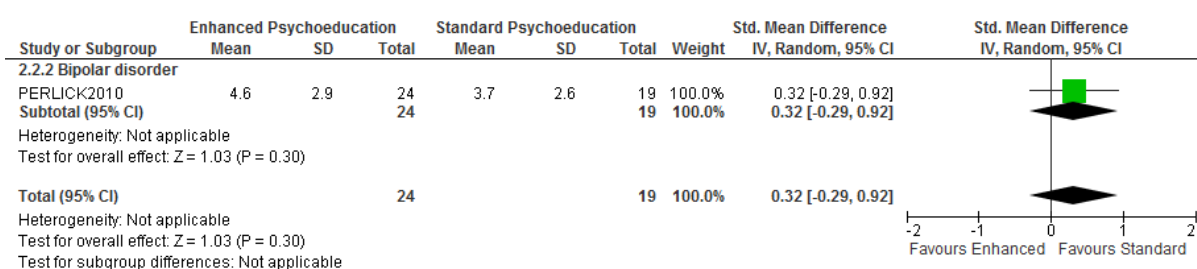


1.6 ENHANCED PSYCHOEDUCATION COMPARED WITH STANDARD PSYCHOEDUCATION

Experience of caregiving , end of intervention

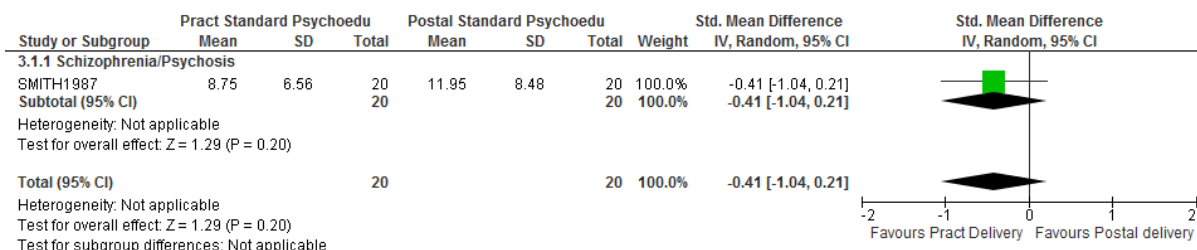


Carer mental health - end of intervention.

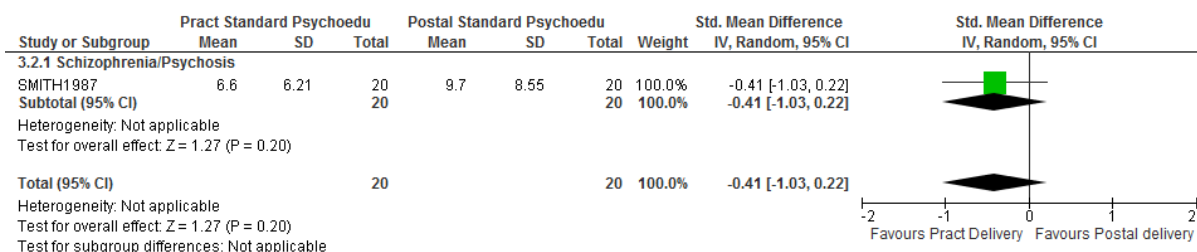


1.7 STANDARD PSYCHOEDUCATION (PRACTITIONER COMPARED WITH POST DELIVERY)

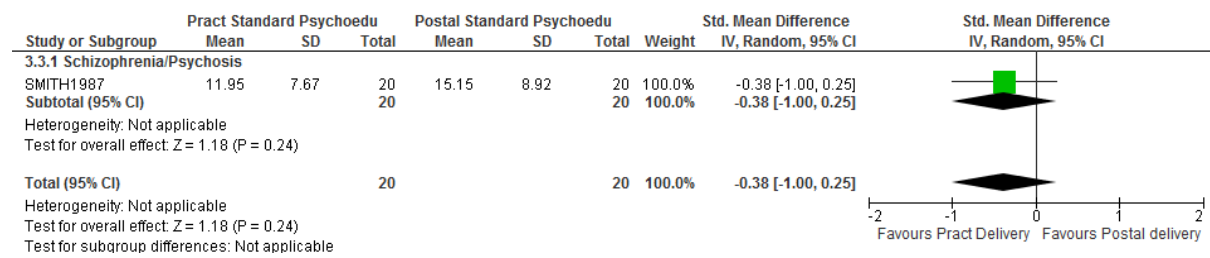
Family burden, end of intervention.



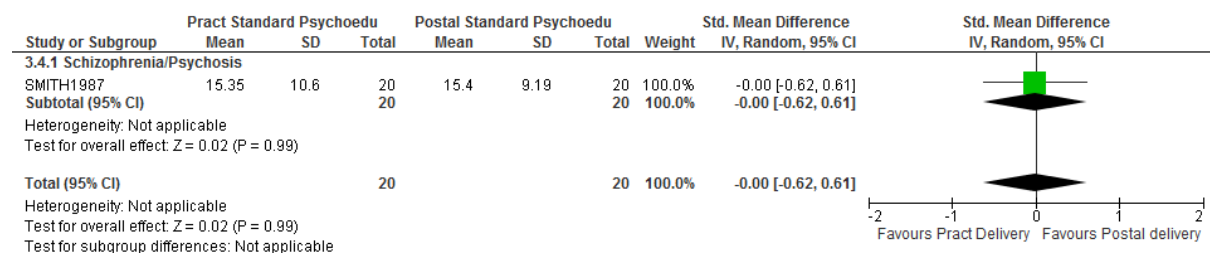
Family burden - up to 6 month follow-up.



Psychological distress - end of intervention.



Psychological distress - up to 6 month follow-up.

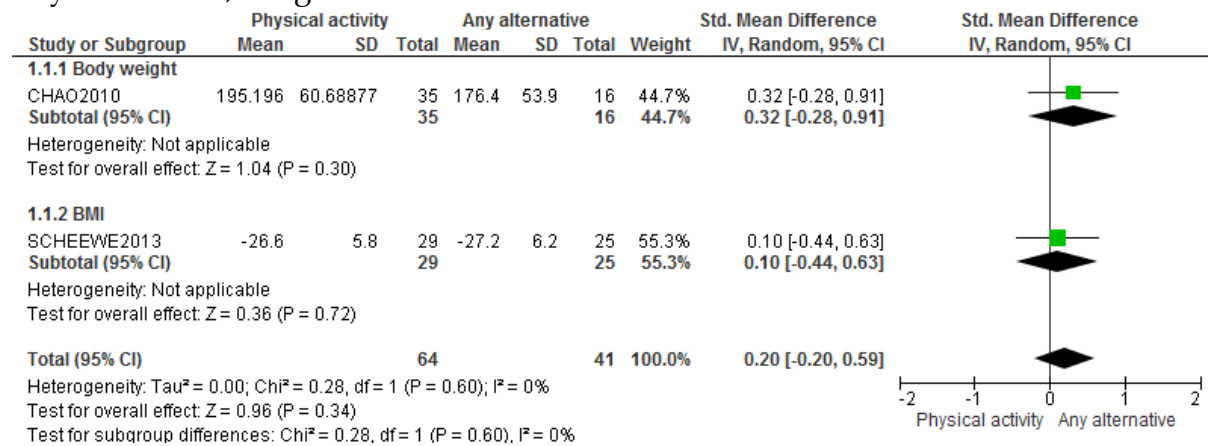


2. BEHAVIOURAL INTERVENTIONS TO PROMOTE PHYSICAL ACTIVITY & HEALTHY EATING

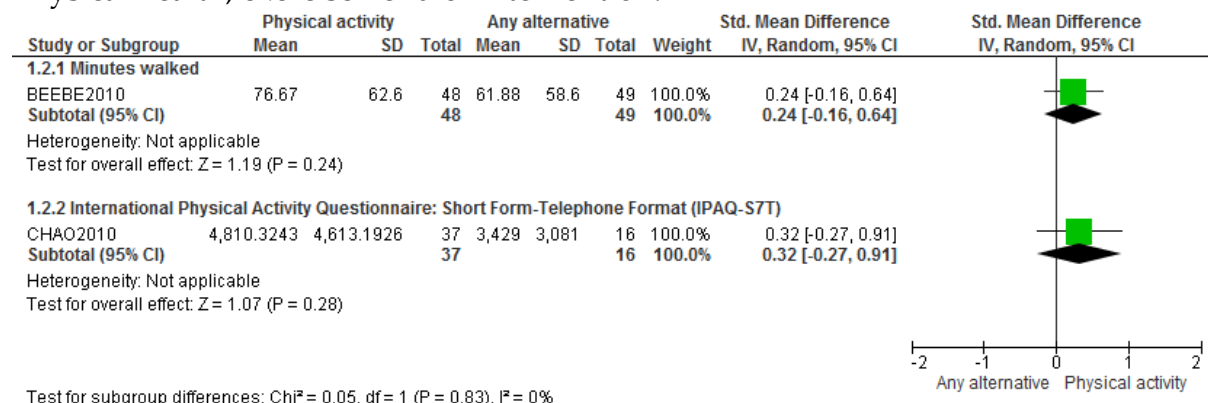
2.1 BEHAVIOURAL INTERVENTIONS TO PROMOTE PHYSICAL ACTIVITY

2.1.1 Physical activity compared with any alternative

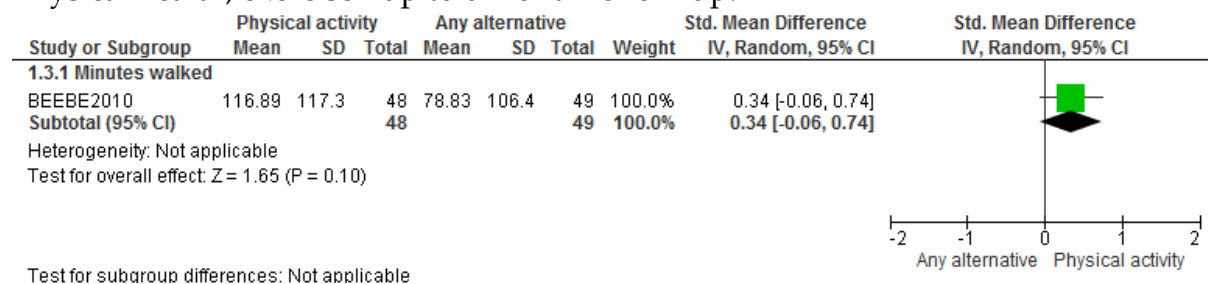
Physical health, weight - end of intervention.



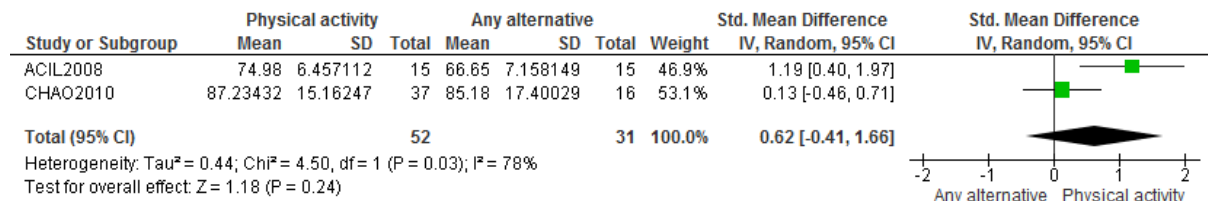
Physical health, exercise - end of intervention.



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

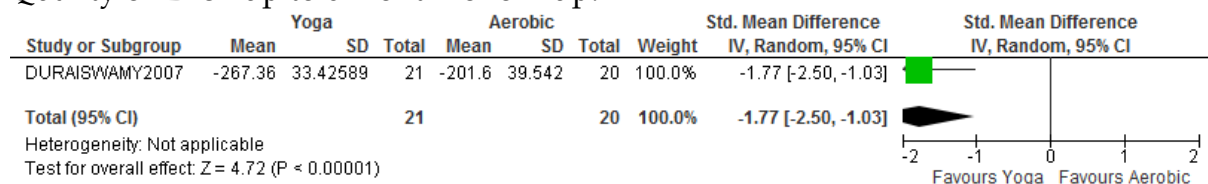


Quality of Life - end of intervention



2.1.2 Yoga compared with aerobic exercise

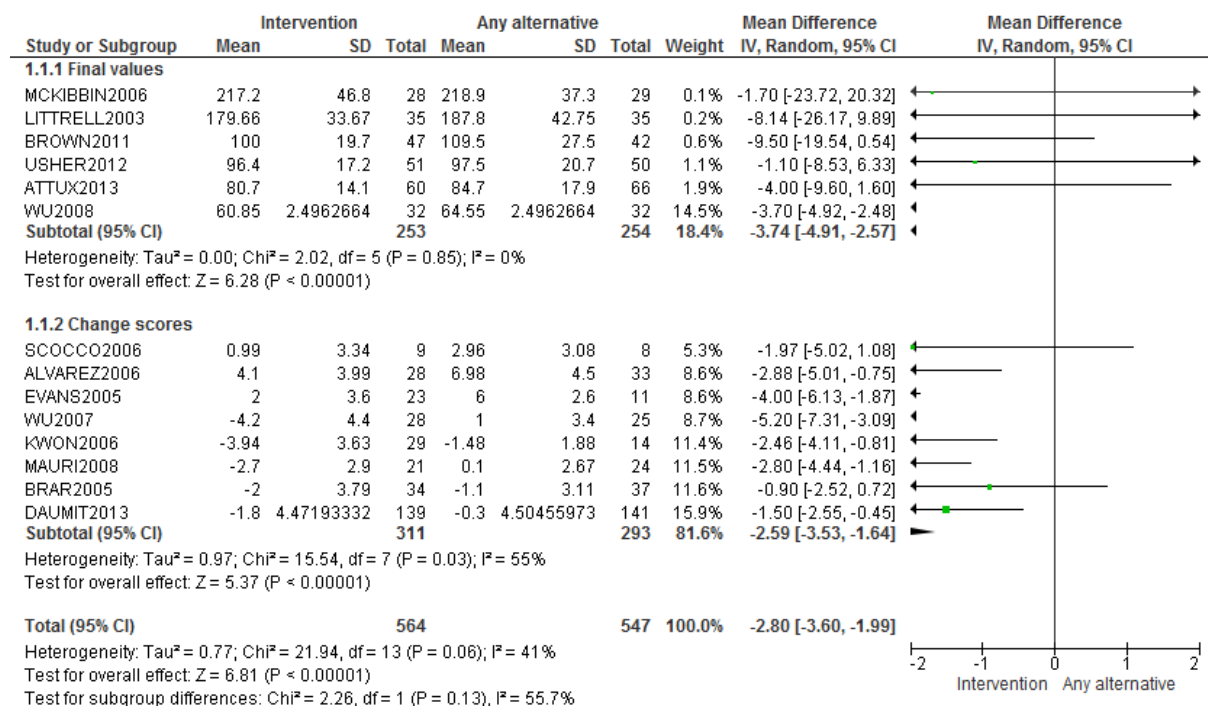
Quality of Life - up to 6 month follow-up.



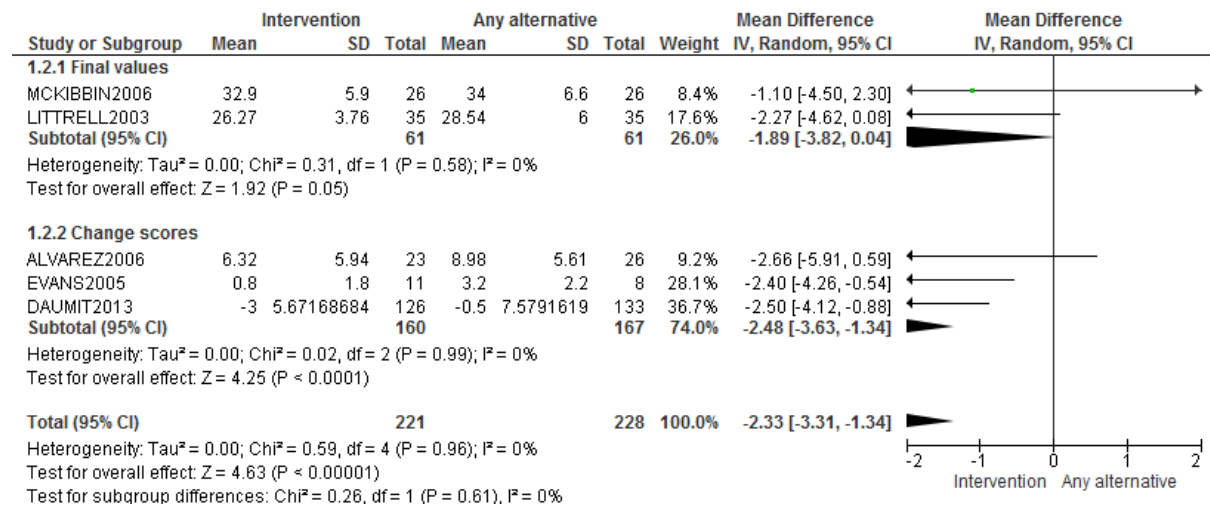
2.2 BEHAVIOURAL INTERVENTIONS TO PROMOTE PHYSICAL ACTIVITY AND HEALTHY EATING

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

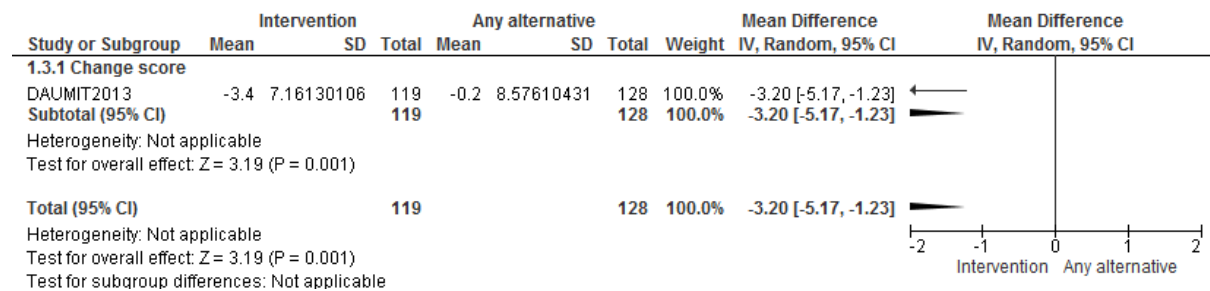
Body mass, weight - end of intervention.



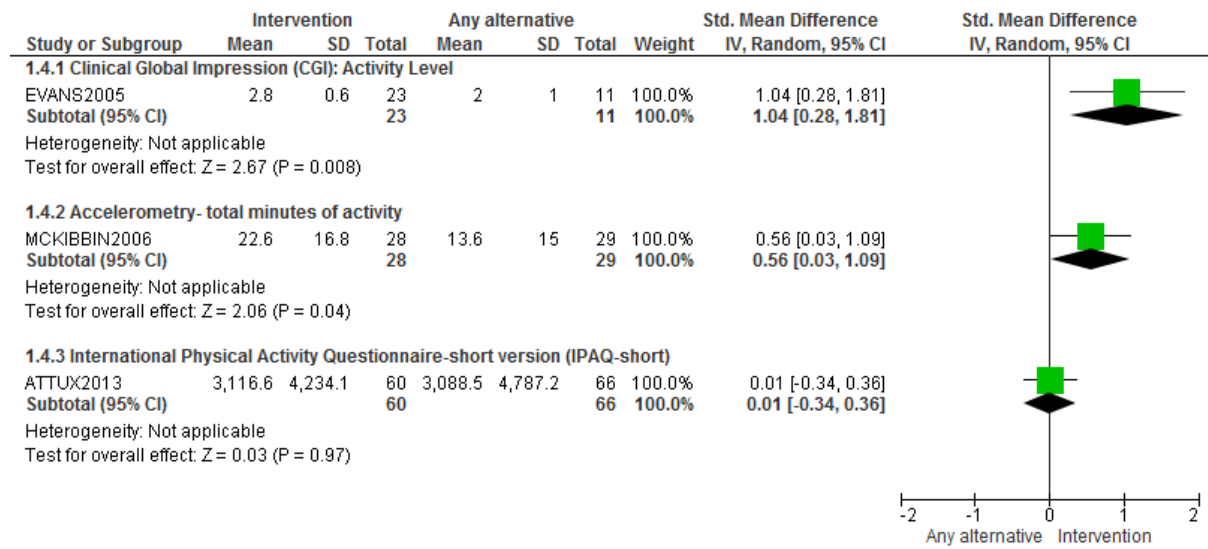
Body mass, weight- up to 6 month follow-up.



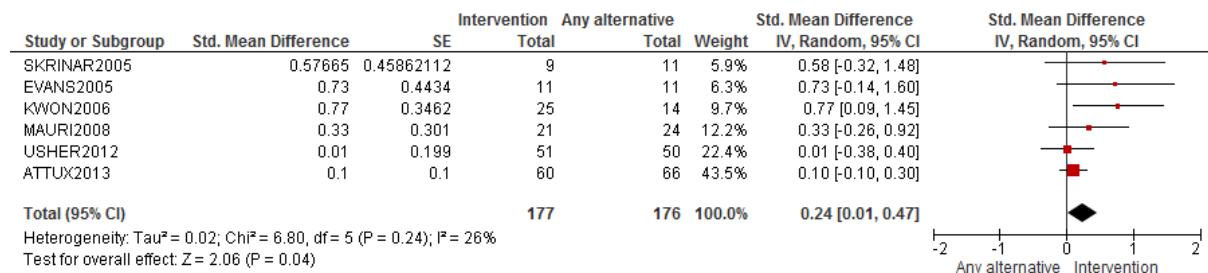
Body mass, weight- 7-12 month follow-up.



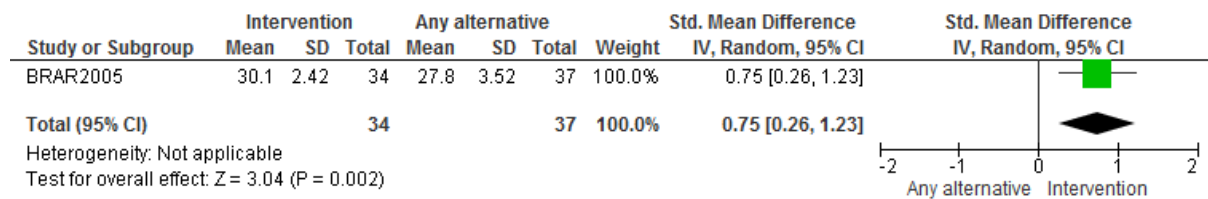
Physical health, exercise - end of intervention.



Quality of Life - end of intervention.



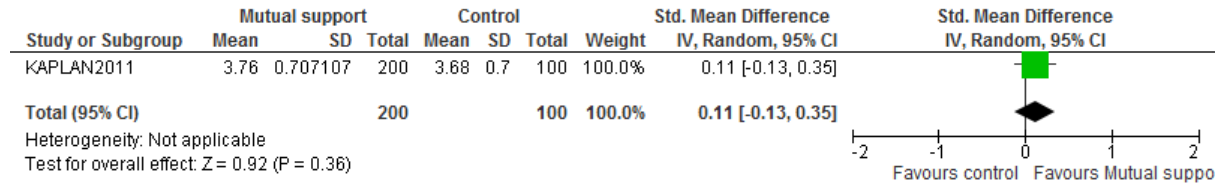
Satisfaction - end of intervention.



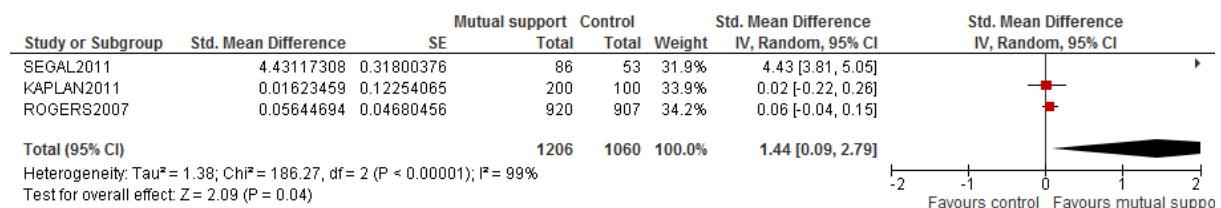
3. PEER PROVIDED INTERVENTIONS

3.1 Mutual support

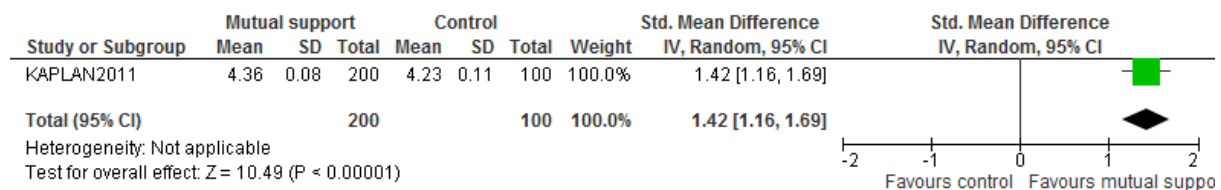
Recovery – Post-intervention



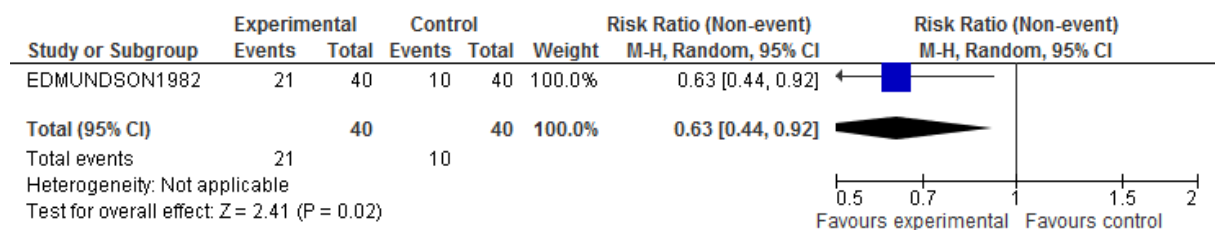
Empowerment- Post-intervention.



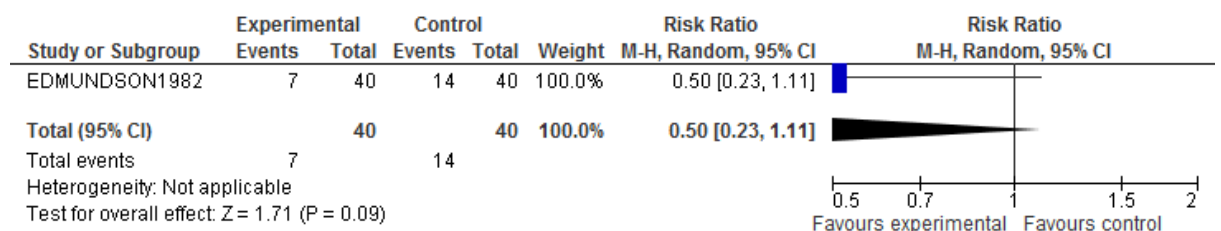
Quality of Life- Post-intervention.



Service use, contact- Post-intervention.

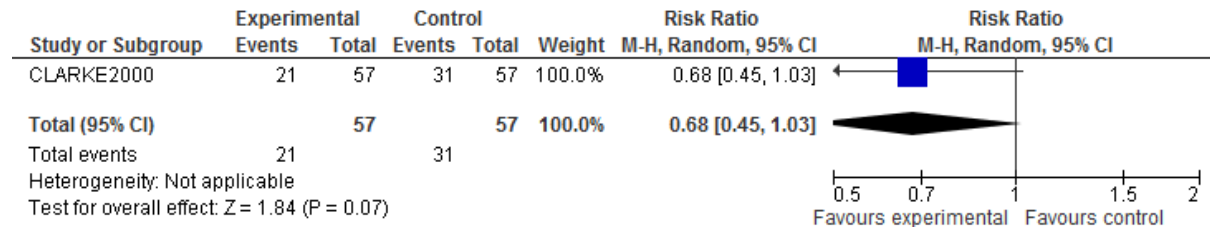


Service use, hospitalisation- Post-intervention.

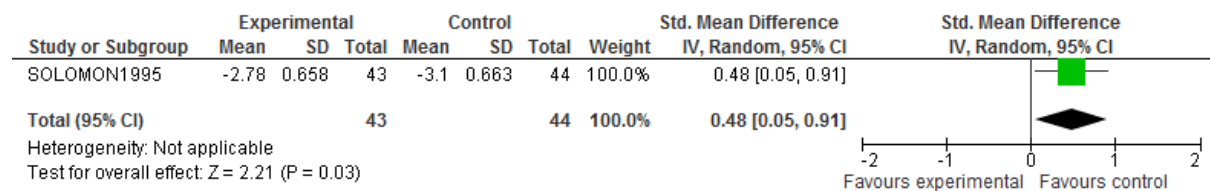


3.2 Peer mental health service providers

Service use, hospitalisation- Post-intervention.

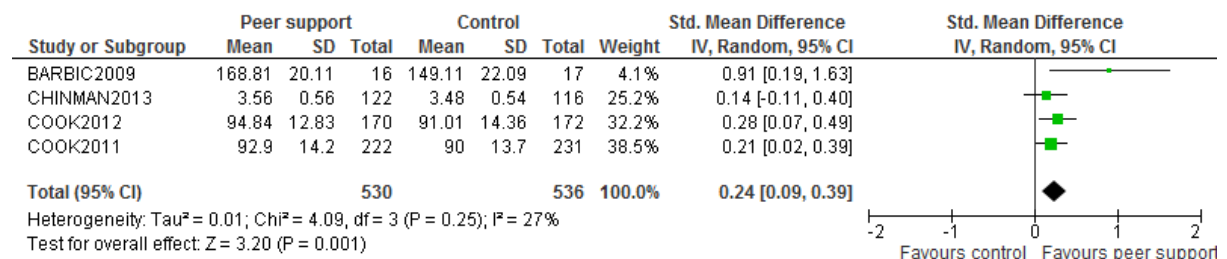


Satisfaction, questionnaire- Post-intervention.

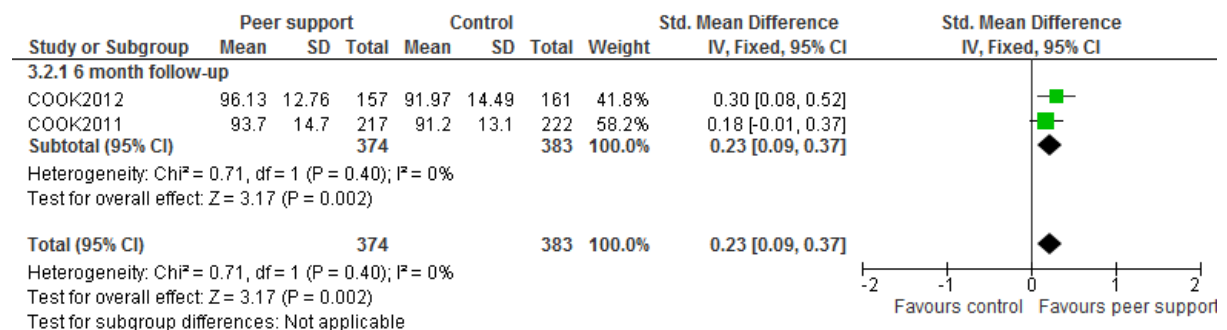


1.1.1 Peer support

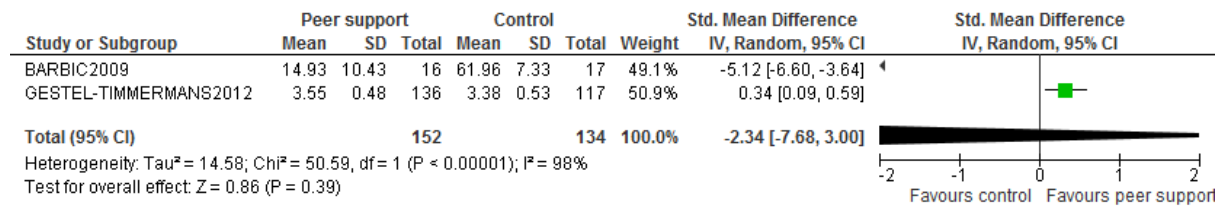
Recovery- post intervention



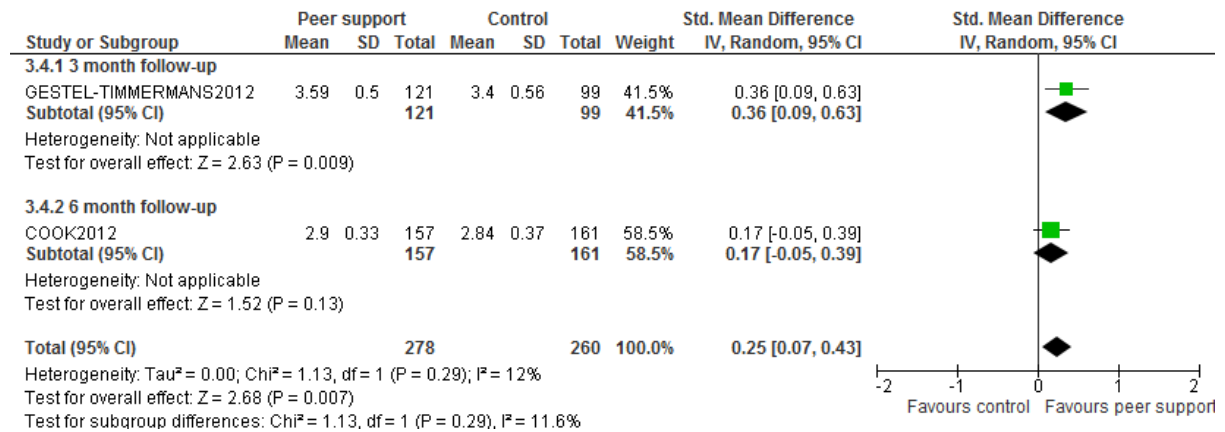
Recovery- up to 6 month follow-up



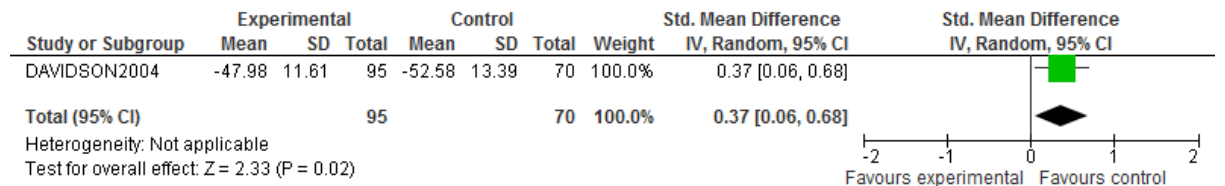
Empowerment- post-intervention.



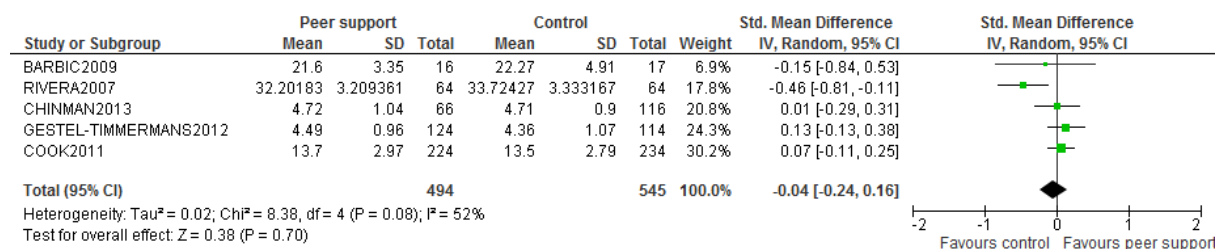
Empowerment- up to 6 month follow-up.



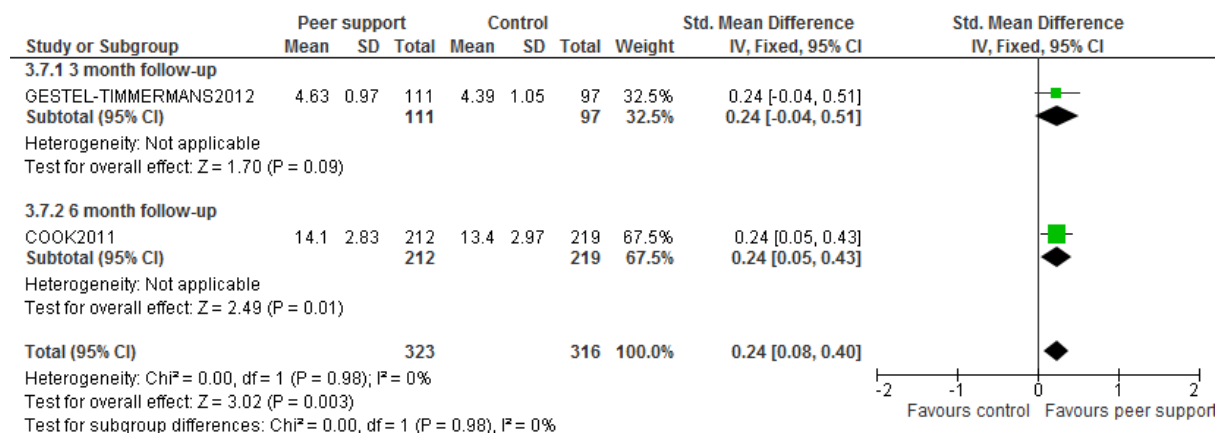
Functioning / Disability- post-intervention.



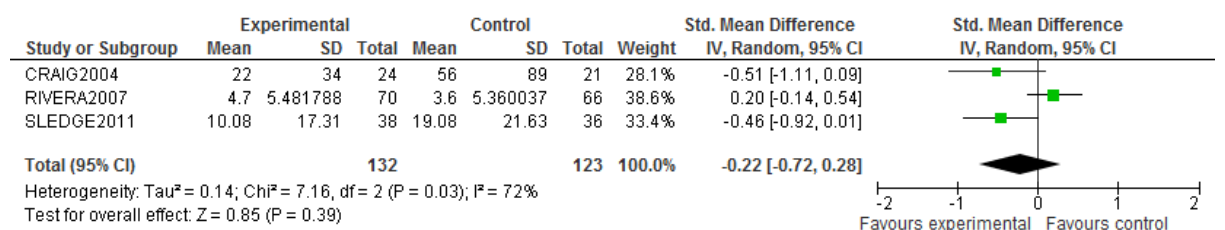
Quality of life - post-intervention.



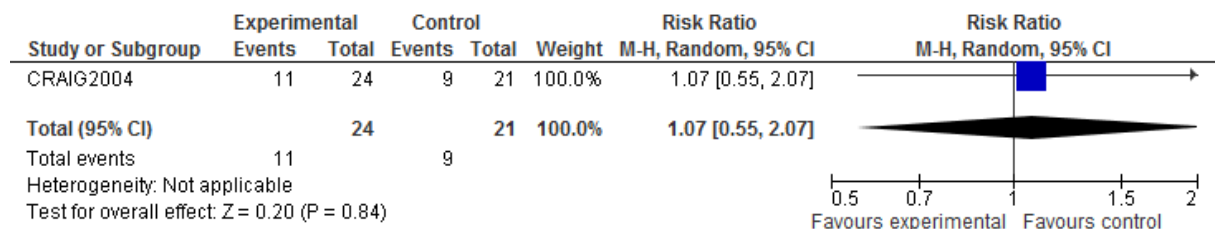
Quality of life- up to 6 month follow-up.



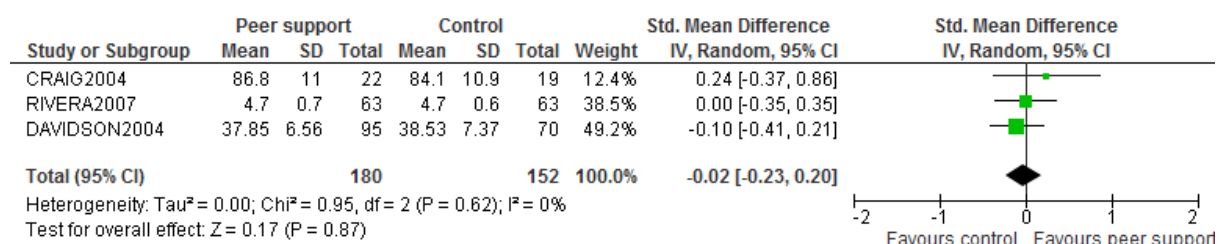
Service use, contact- post-intervention.



Service use, hospitalisation- post-intervention.



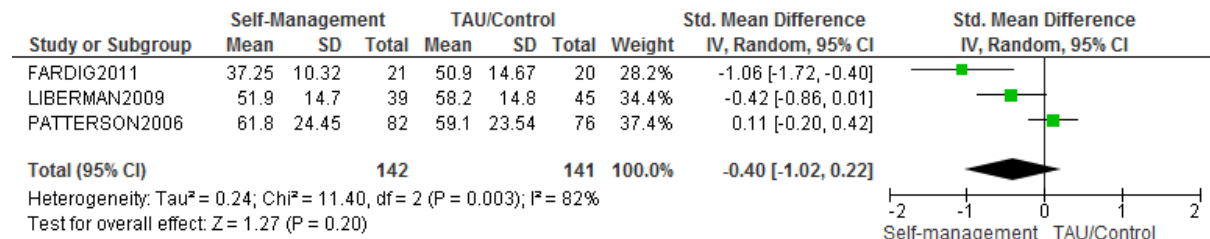
Satisfaction, questionnaire- post-intervention.



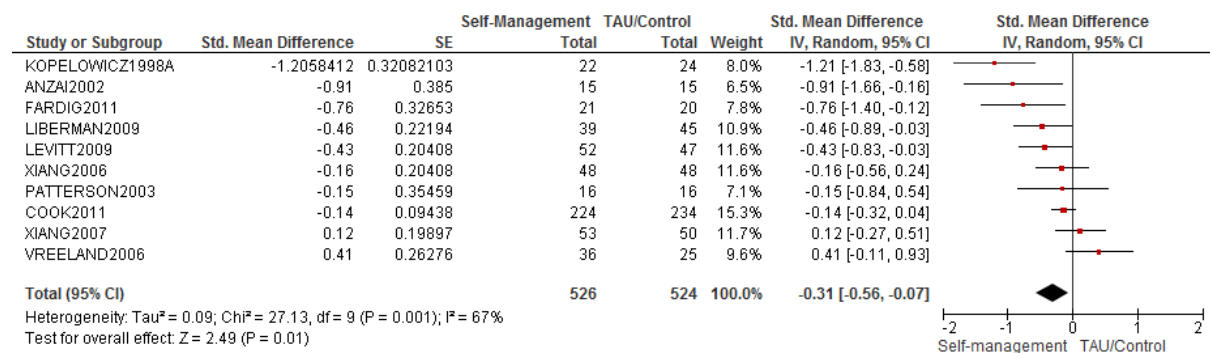
4. SELF MANAGEMENT

4.1 Self management compared with TAU/control

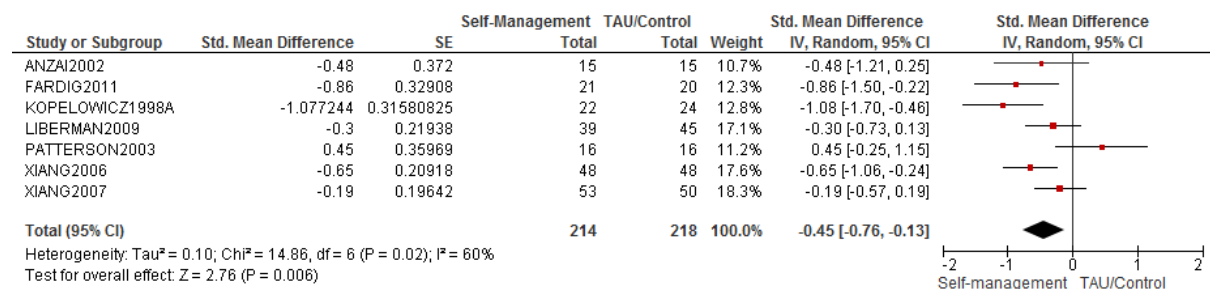
Psychosis, symptoms (total) - end of intervention.



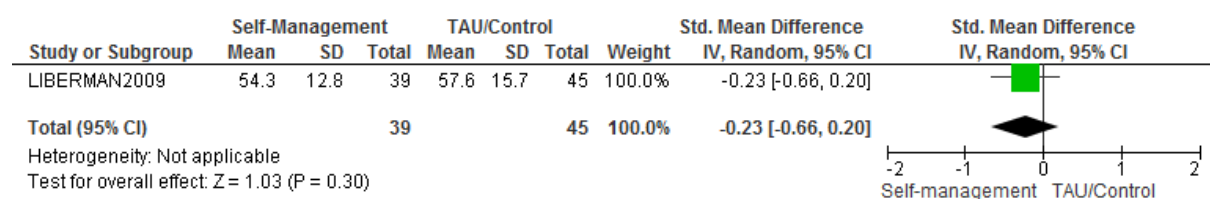
Psychosis symptoms (positive)- end of intervention.



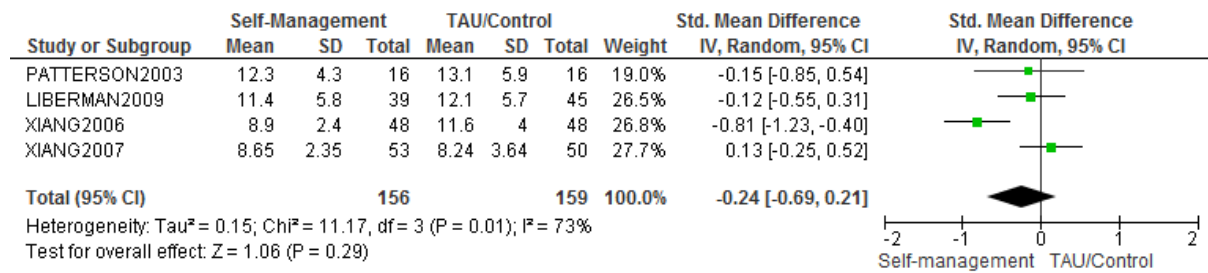
Psychosis symptoms (negative)- end of intervention.



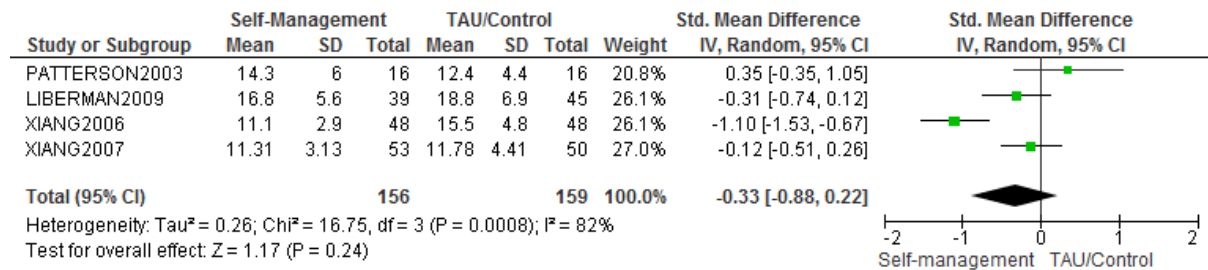
Psychosis , symptoms (total)- up to 6 month follow-up.



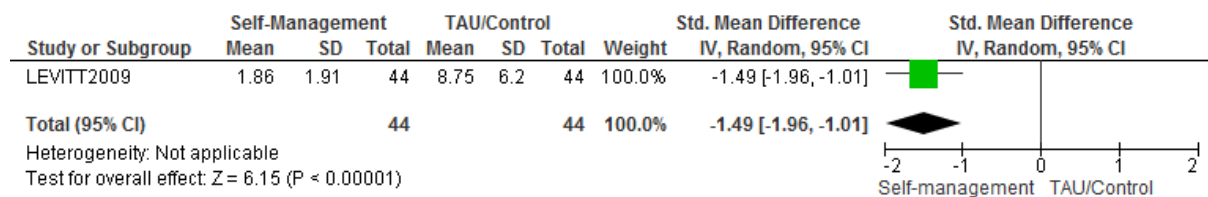
Psychosis, symptoms (positive) - up to 6 month follow-up.



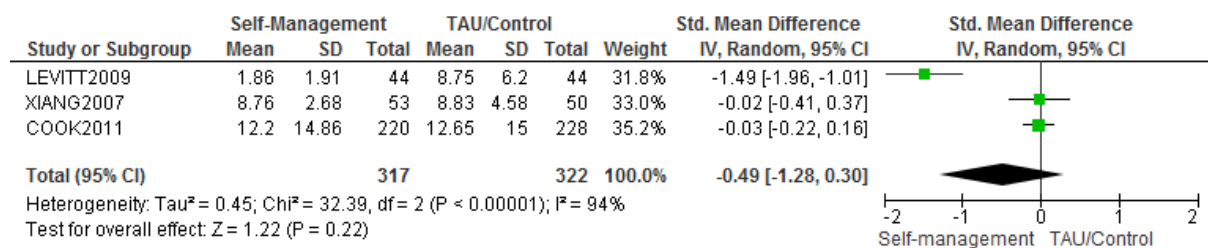
Psychosis, symptoms (negative) - up to 6 month follow-up.



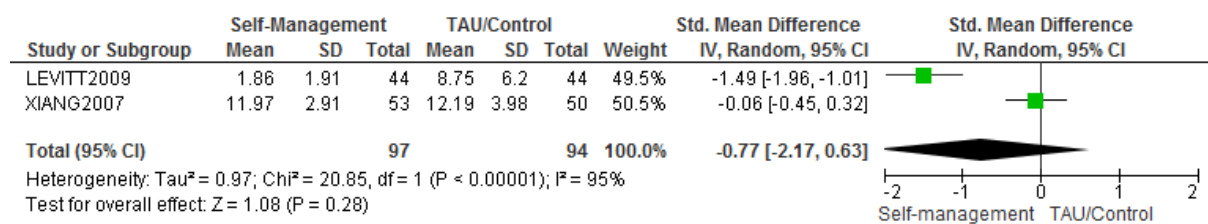
Psychosis, symptoms (total) - 7-12 month follow-up



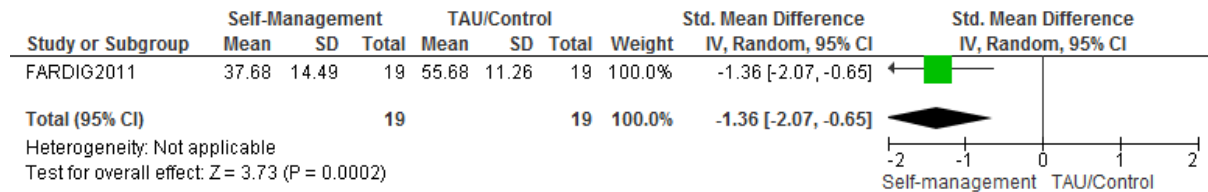
Psychosis, symptoms (positive) - 7-12 month follow-up.



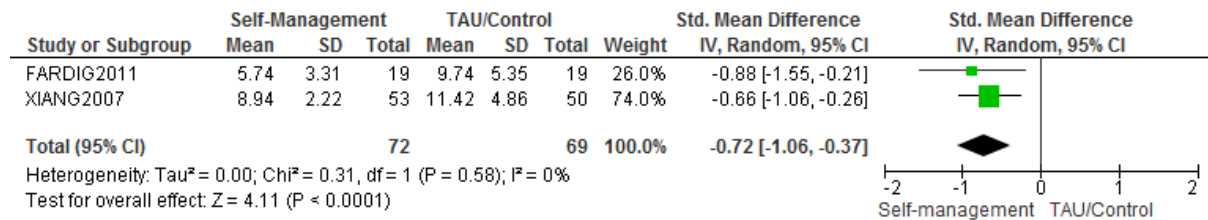
Psychosis, symptoms (negative) - 7-12 month follow-up.



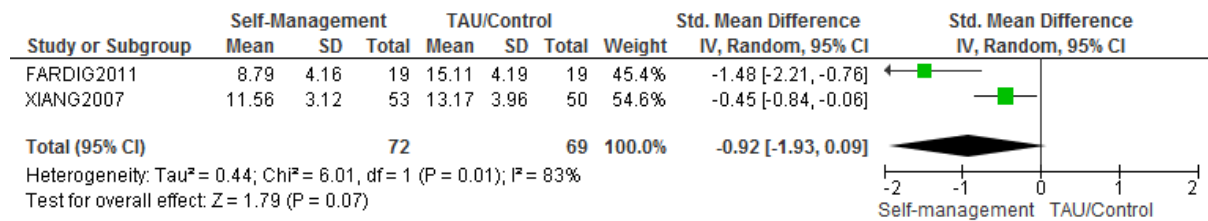
Psychosis, symptoms (total) >12 month follow-up.



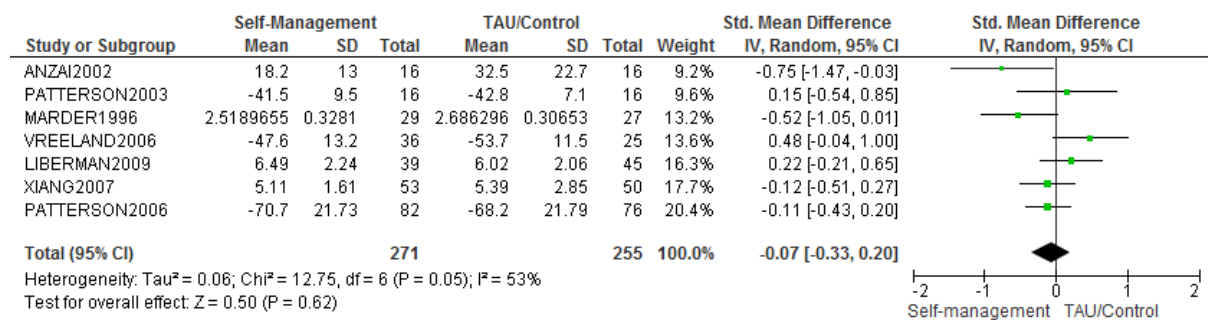
Psychosis, symptoms (positive) >12 month follow-up.



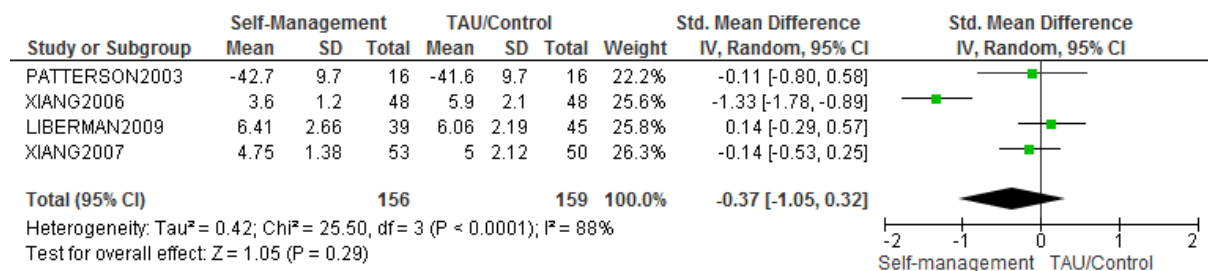
Psychosis, symptoms (negative) >12 month follow-up.



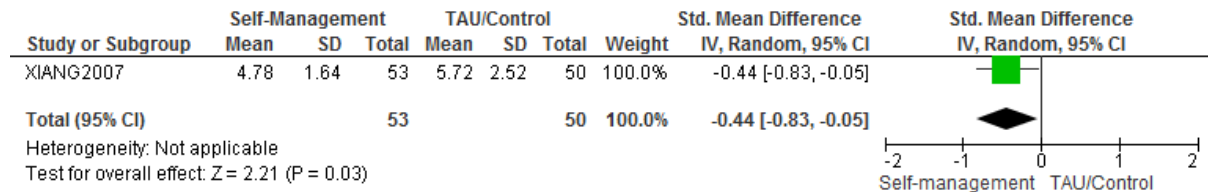
Global State - Functioning, disability - end of intervention.



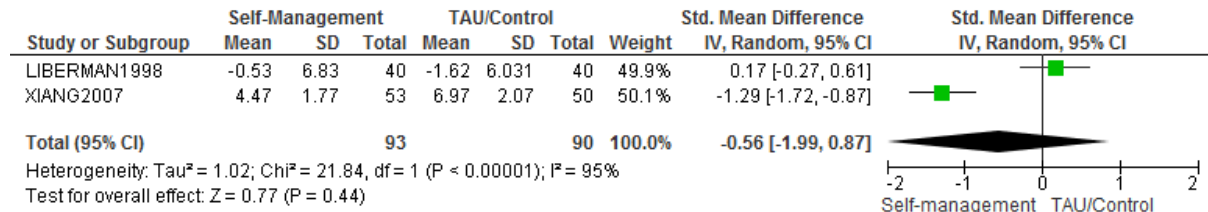
Global State - Functioning, disability - up to 6 month follow-up.



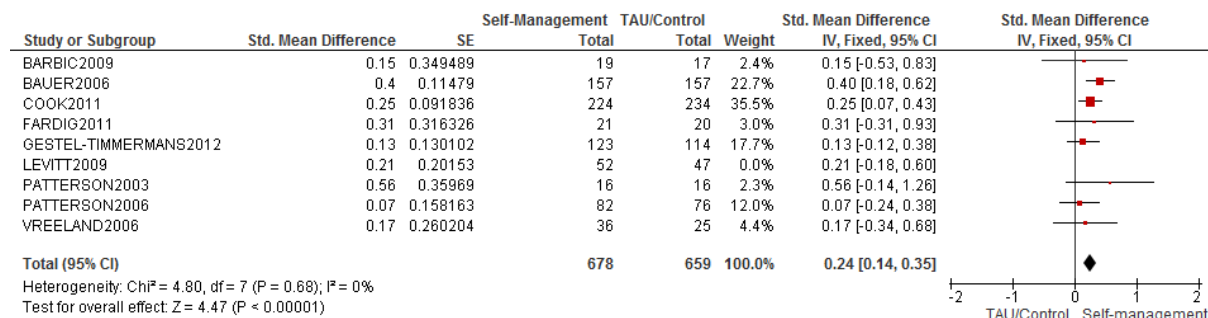
Global State - Functioning, disability - 7-12 month follow-up.



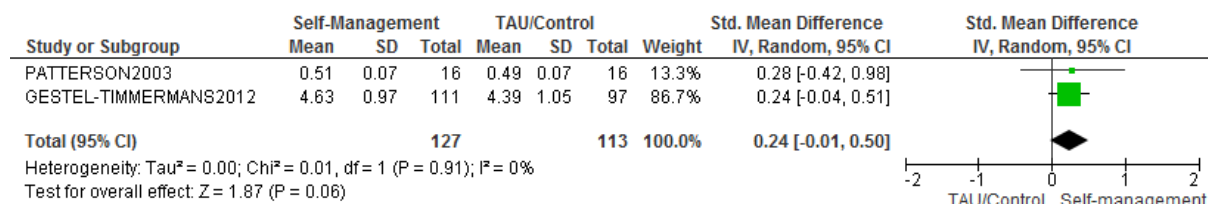
Global State - Functioning, disability - >12 month follow-up.



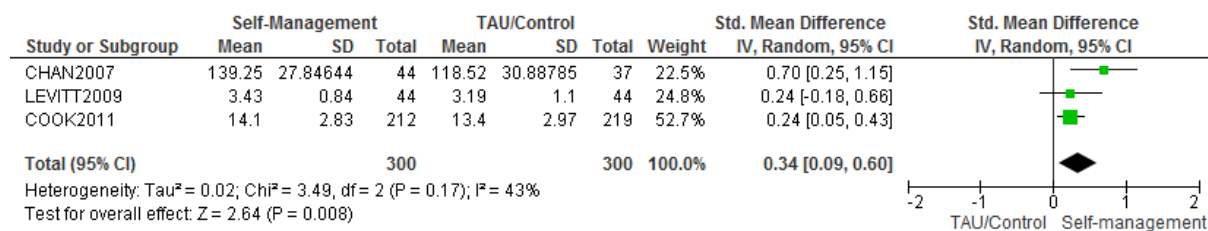
Quality of Life, end of intervention.



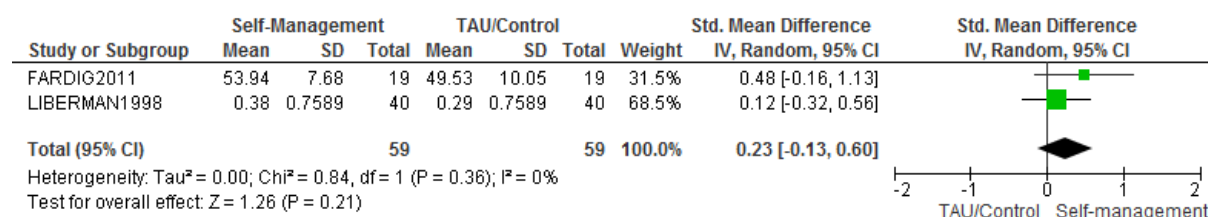
Quality of Life - up to 6 month follow-up.



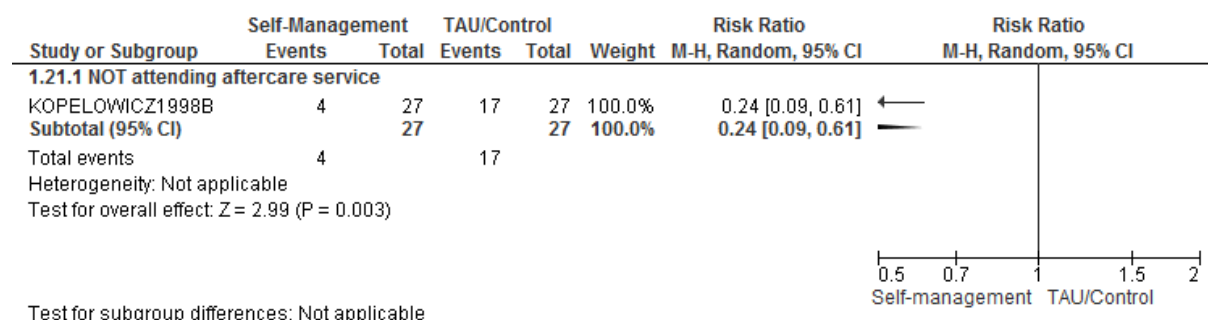
Quality of Life - 7-12 month follow-up.



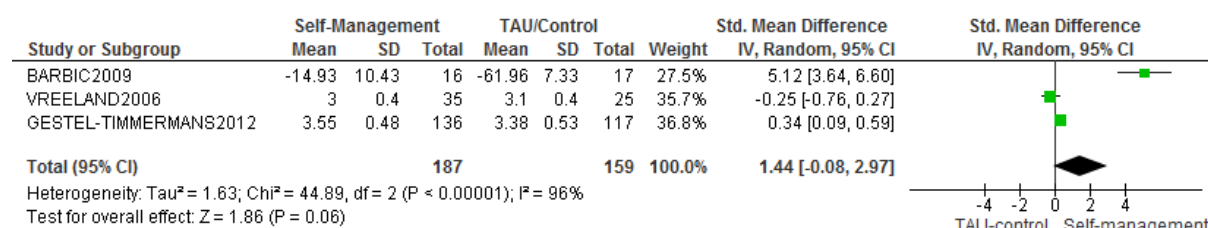
Quality of Life, >12 month follow-up.



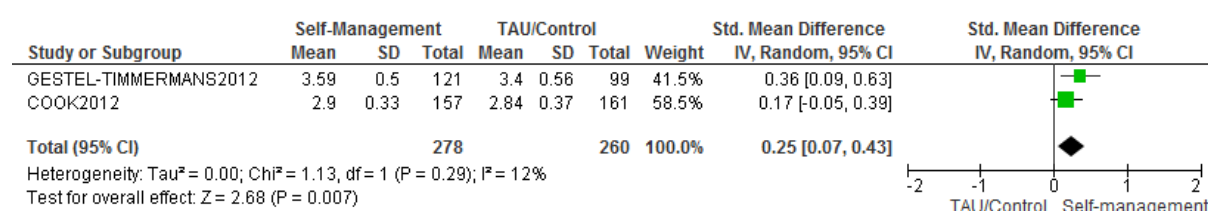
Service use, contact - end of intervention.



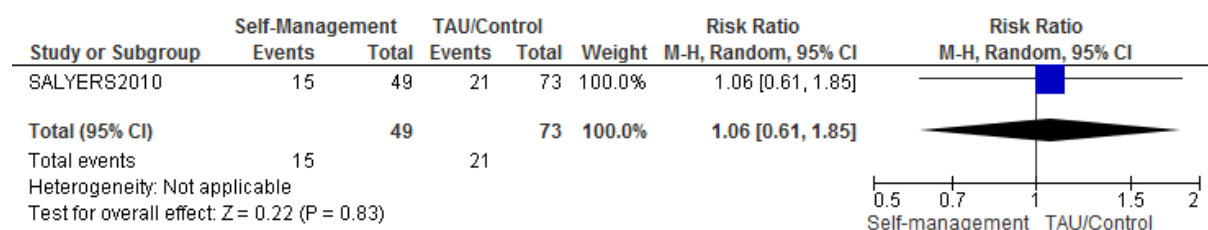
Empowerment, end of intervention.



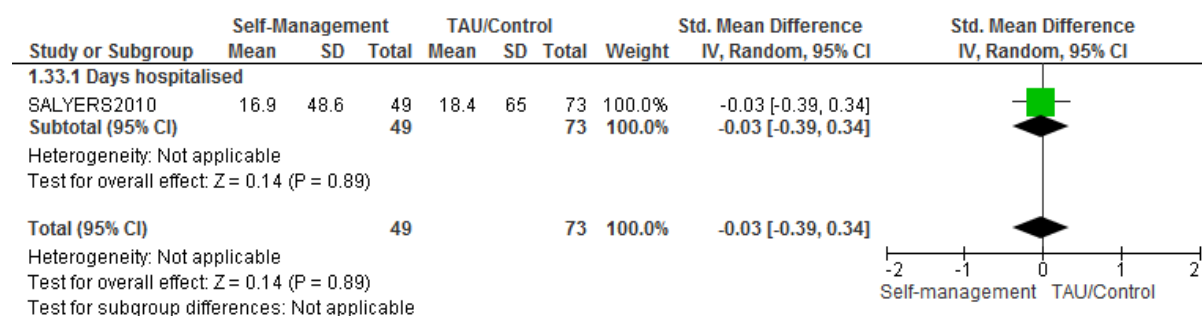
Empowerment- up to 6 month follow-up.



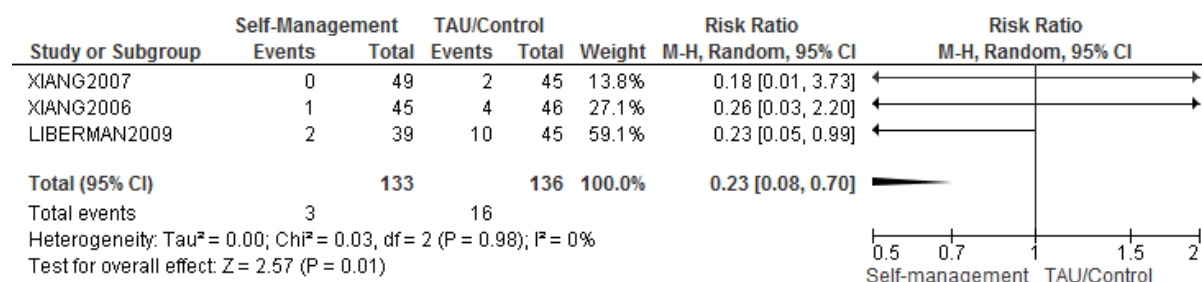
Service Use, hospitalisation - end of intervention.



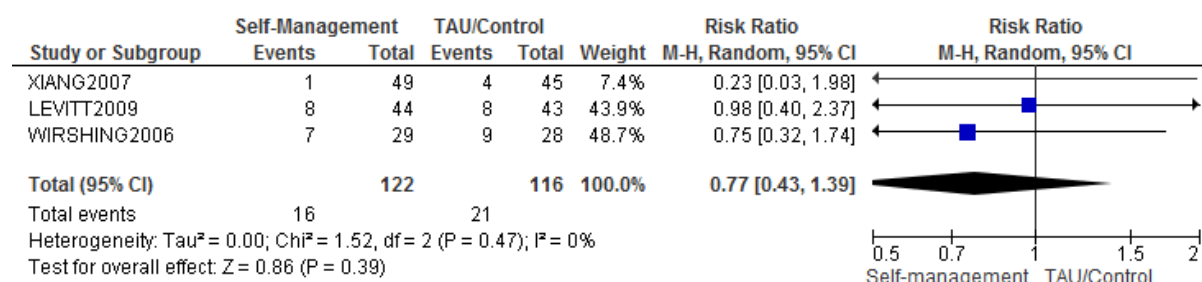
Service Use, hospitalisation - end of intervention.



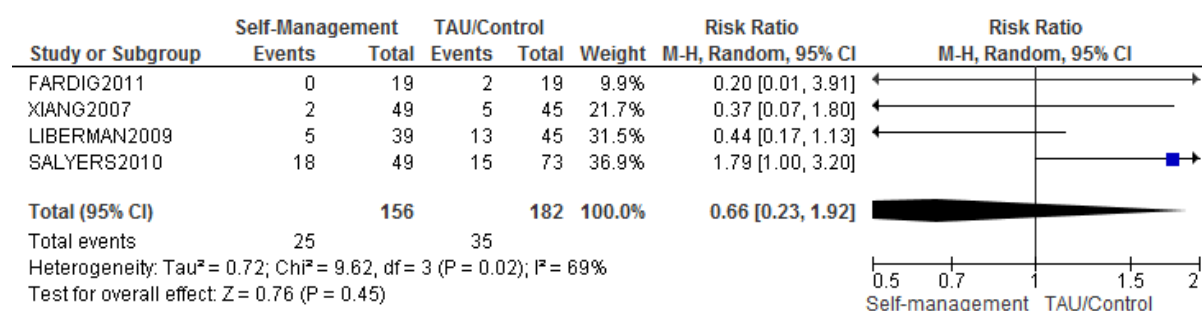
Service use, hospitalisation - up to 6 month follow-up.



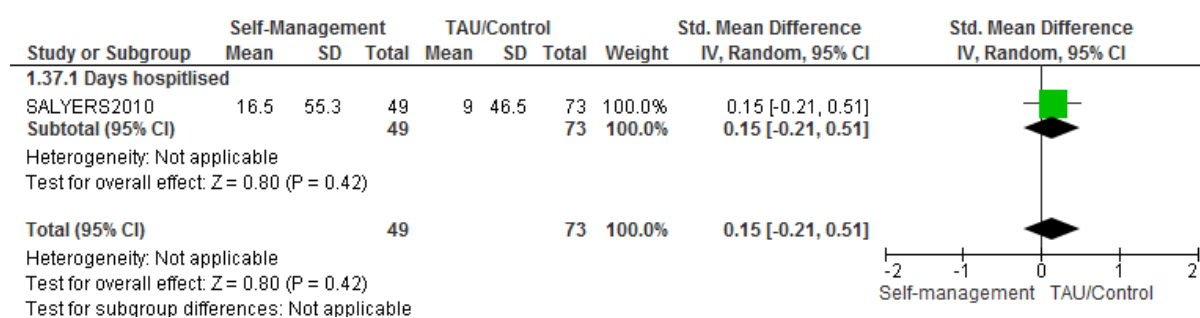
Service use, hospitalisation - 7-12 follow-up.



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



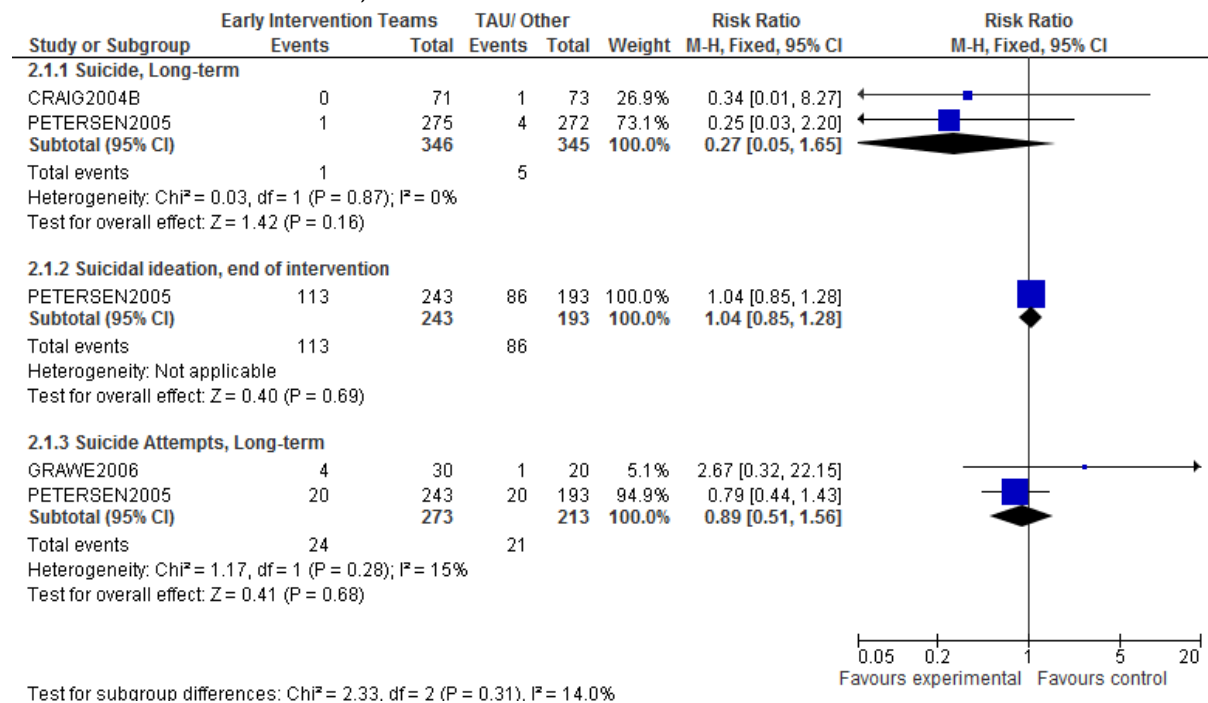
Service use, hospitalisation - > 12 month follow-up.



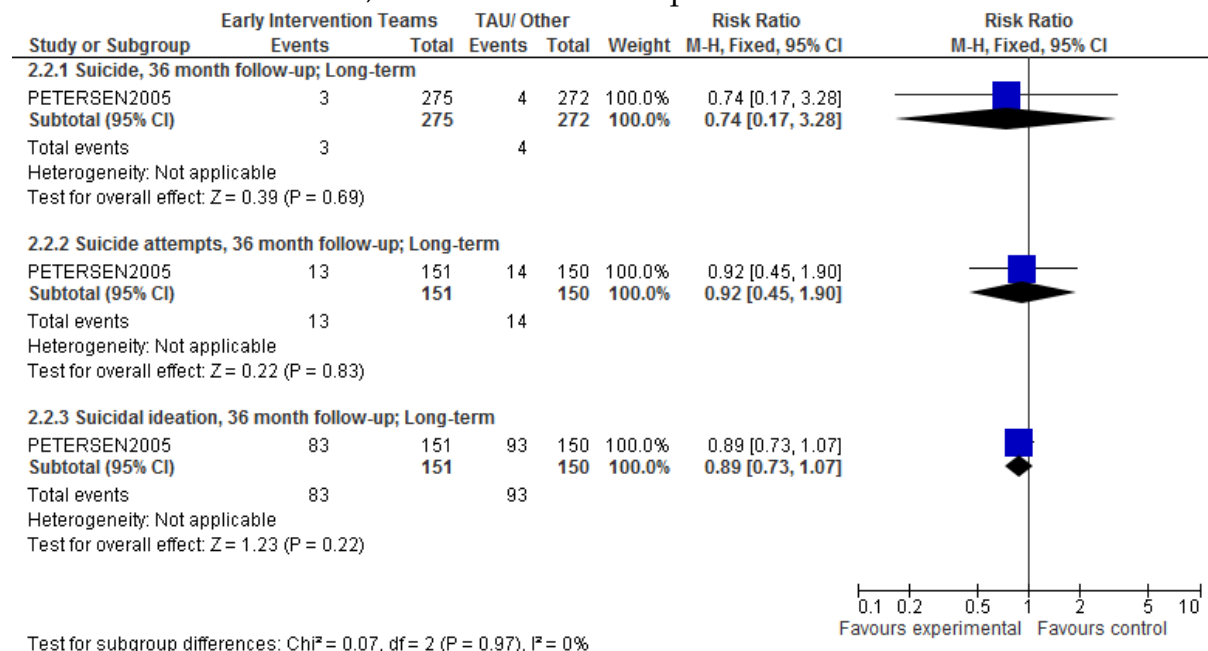
5. EARLY INTERVENTION SERVICES

5.1 Early intervention compared with TAU

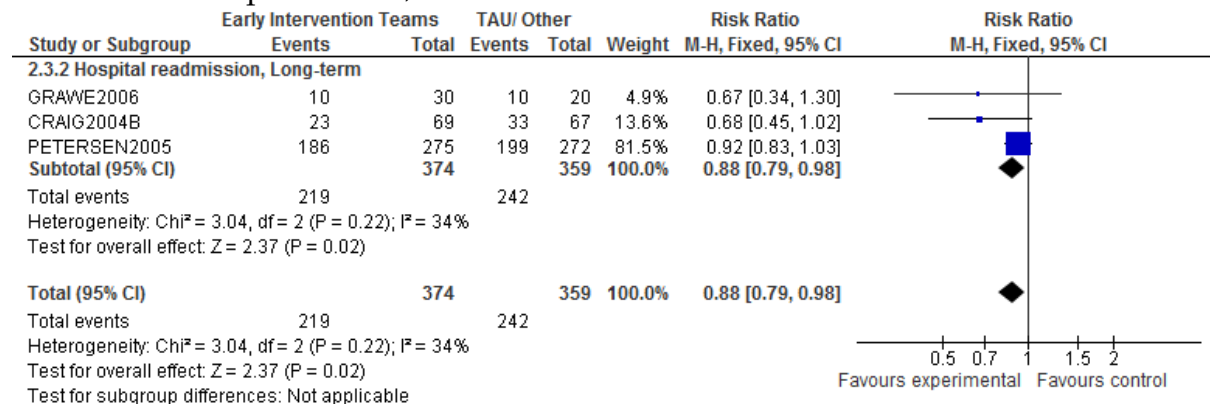
Adverse events - Suicide, end of intervention



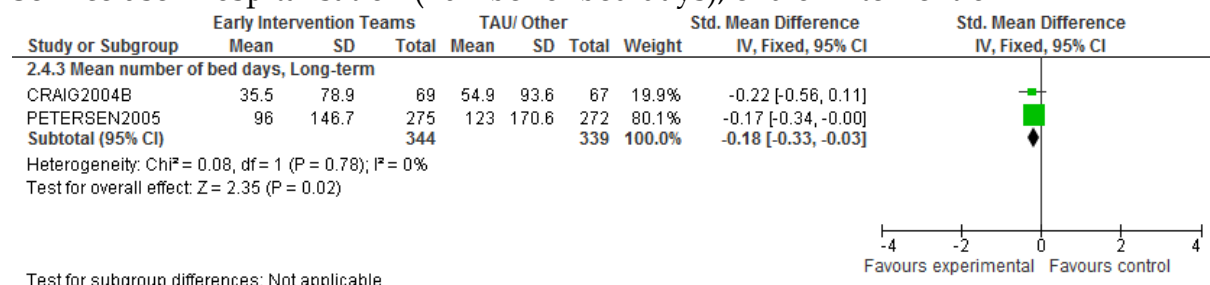
Adverse events – Suicide, >12months follow-up



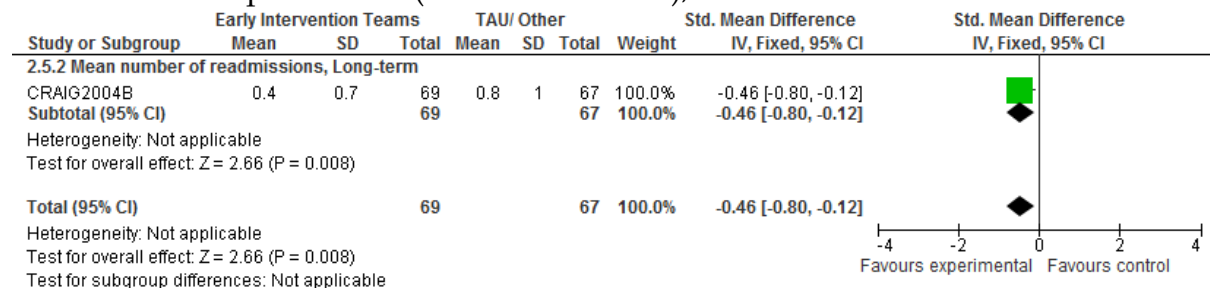
Service use - hospitalisation, end of intervention



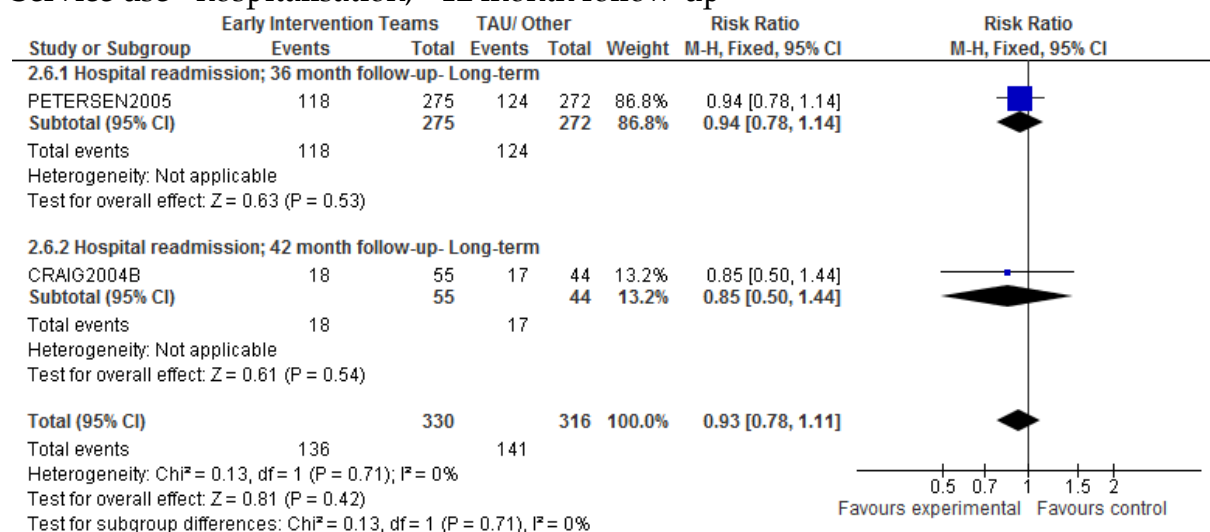
Service use - hospitalisation (number of bed days), end of intervention



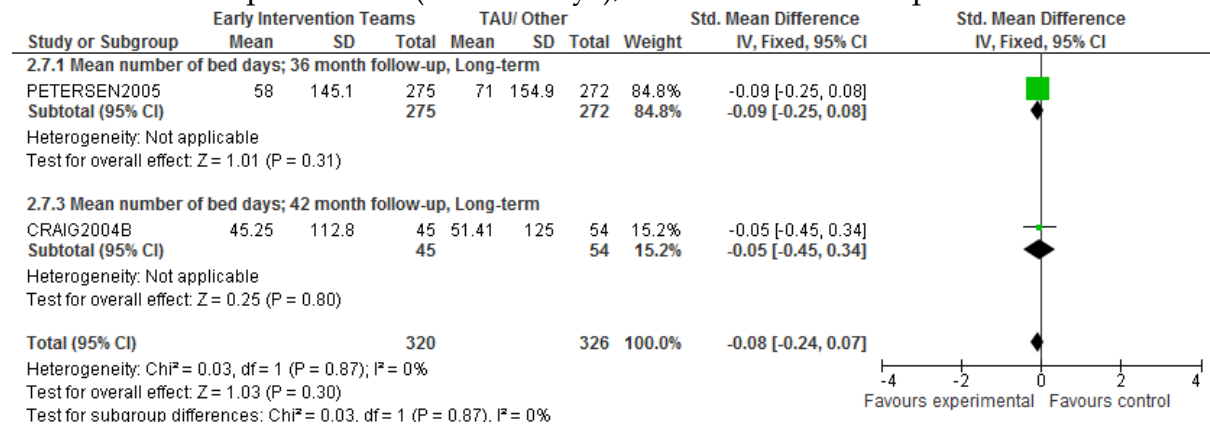
Service use - hospitalisation (no. of admissions), end of intervention



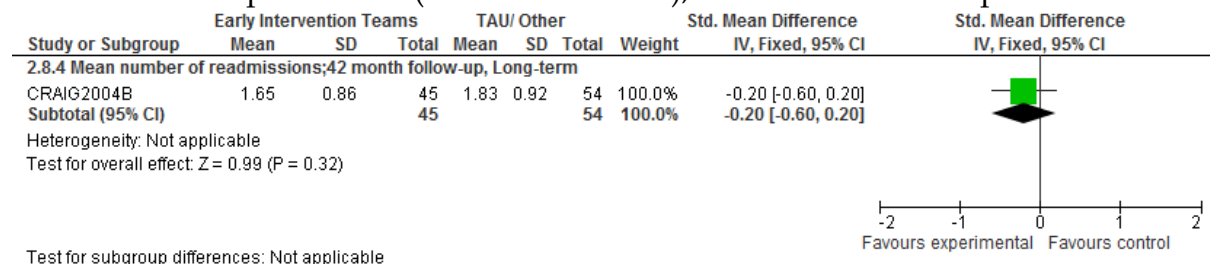
Service use - hospitalisation, >12 month follow-up



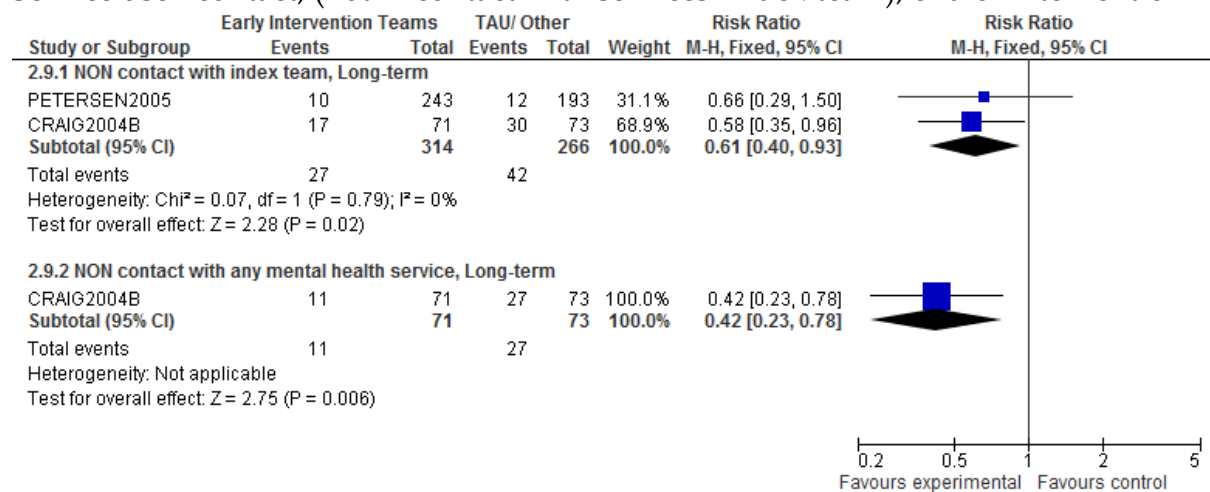
Service use - hospitalisation (no. bed days), >12 month follow-up



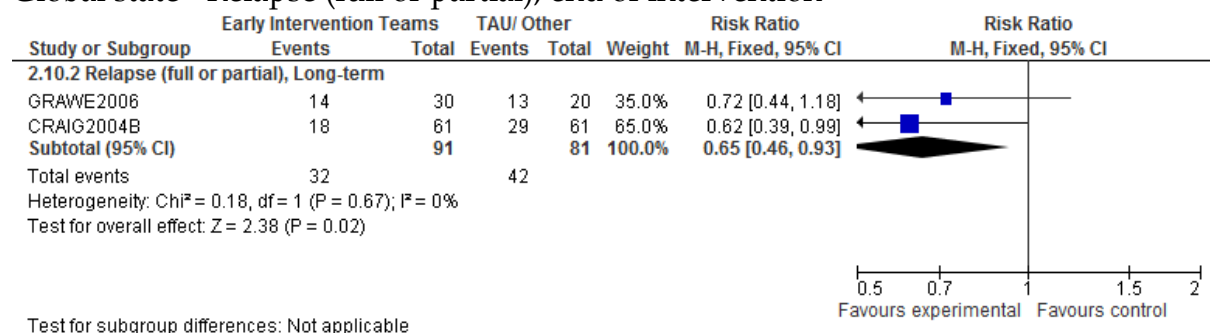
Service use - hospitalisation (no. of admissions), >12 month follow-up



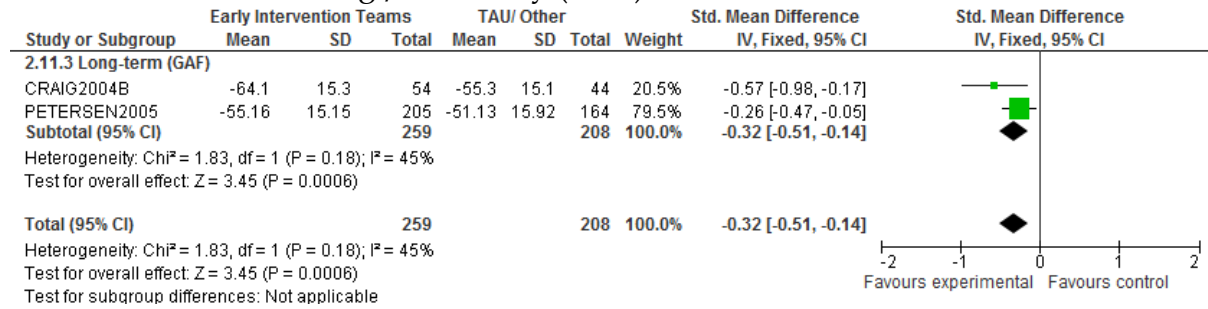
Service use - contact, (not in contact with services- index team), end of intervention



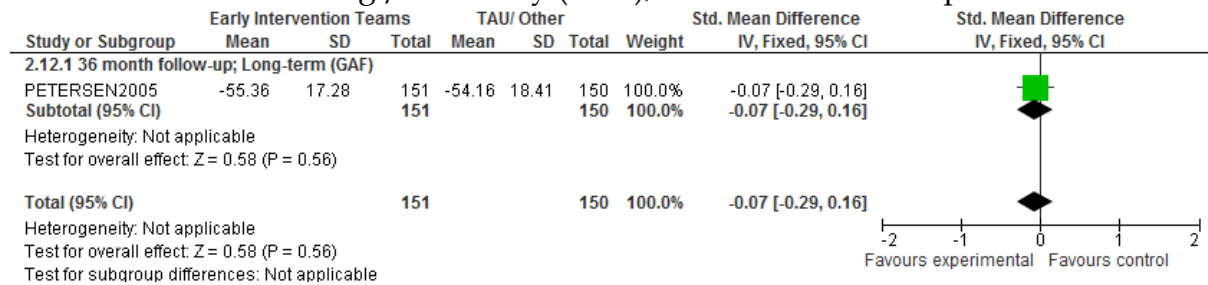
Global state - Relapse (full or partial), end of intervention



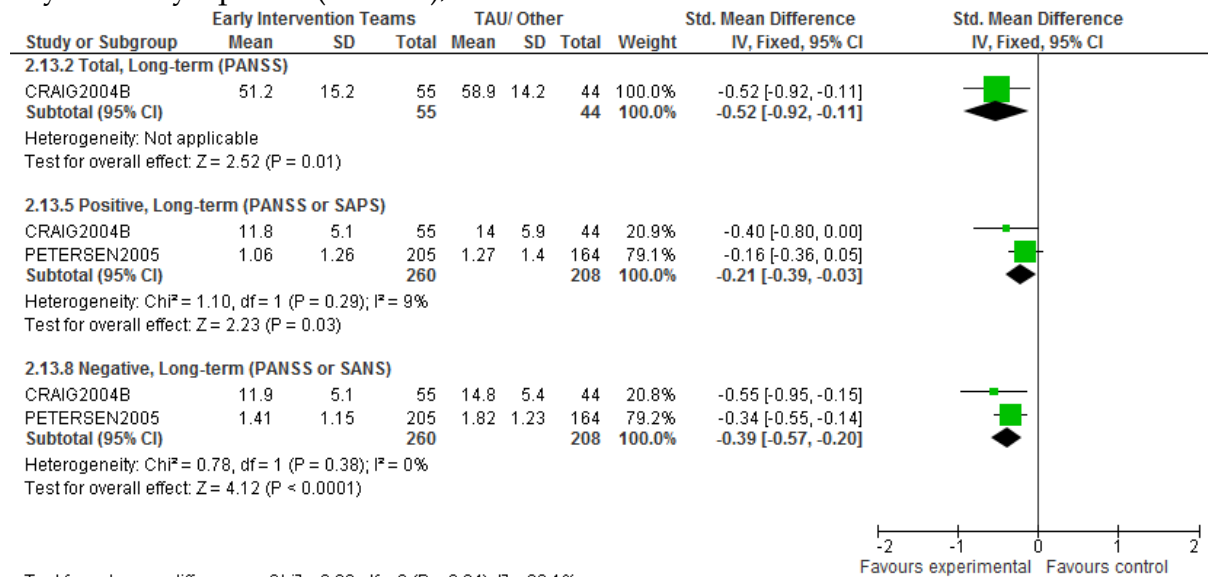
Global state - Functioning / Disability (GAF), end of intervention



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

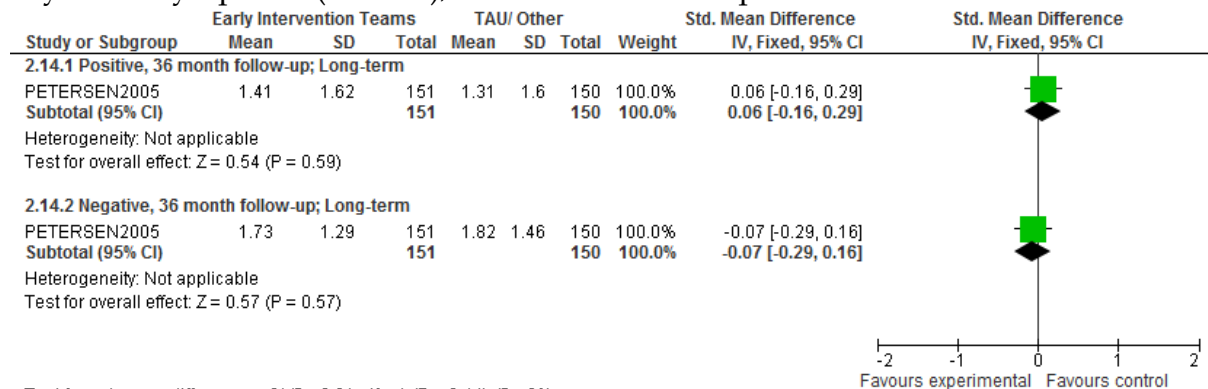


Psychosis Symptoms (PANSS), end of intervention



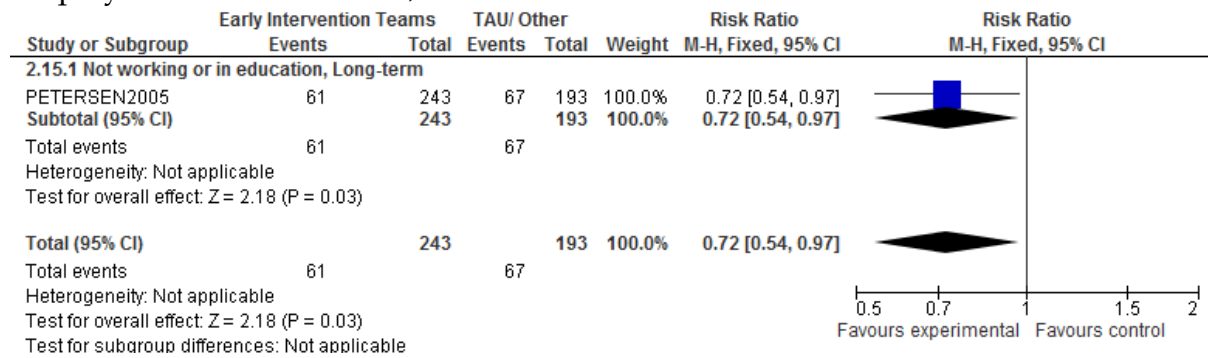
Test for subgroup differences: Chi² = 2.86, df = 2 (P = 0.24), I² = 30.1%

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

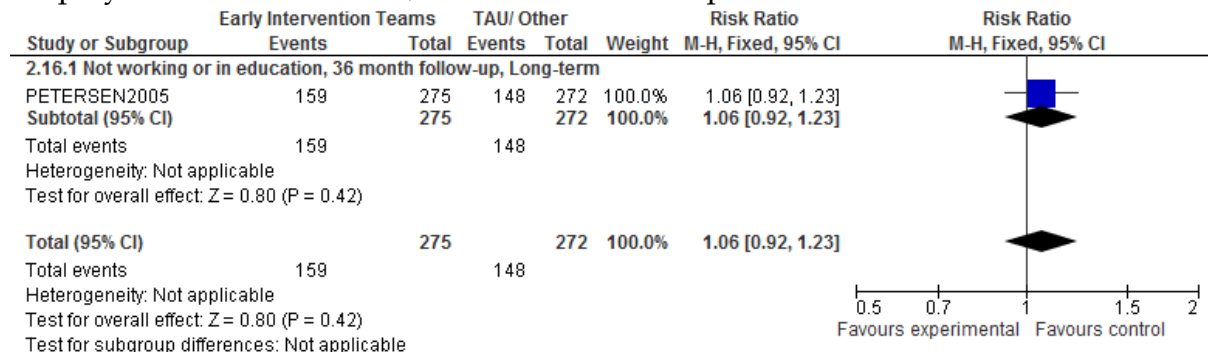


Test for subgroup differences: Chi² = 0.61, df = 1 (P = 0.44), I² = 0%

Employment and Education, end of intervention



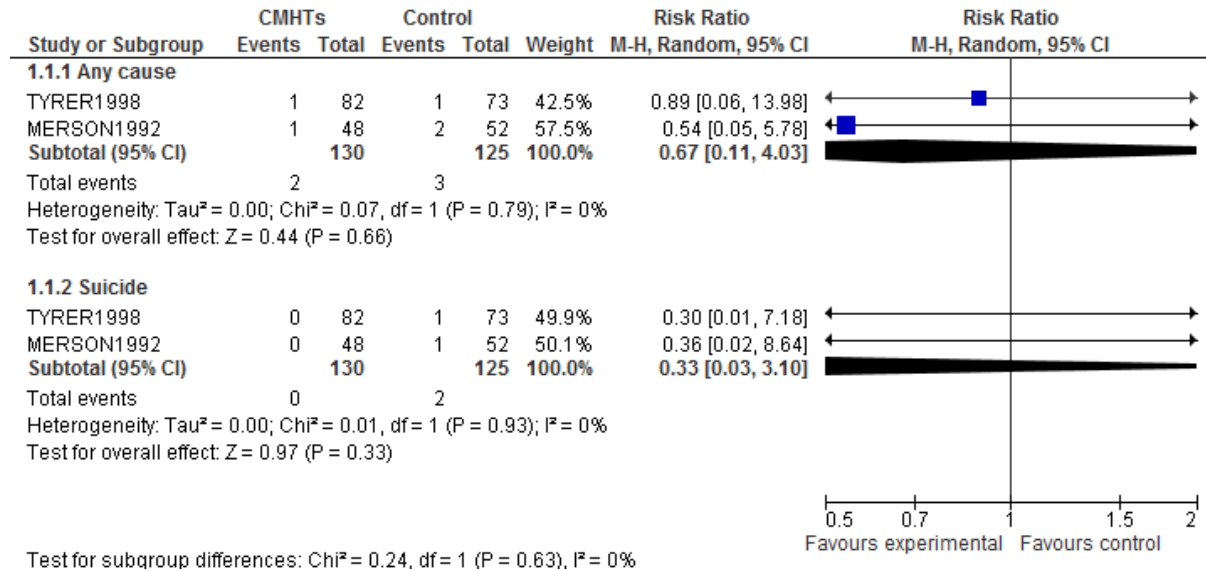
Employment and Education, >12 month follow-up



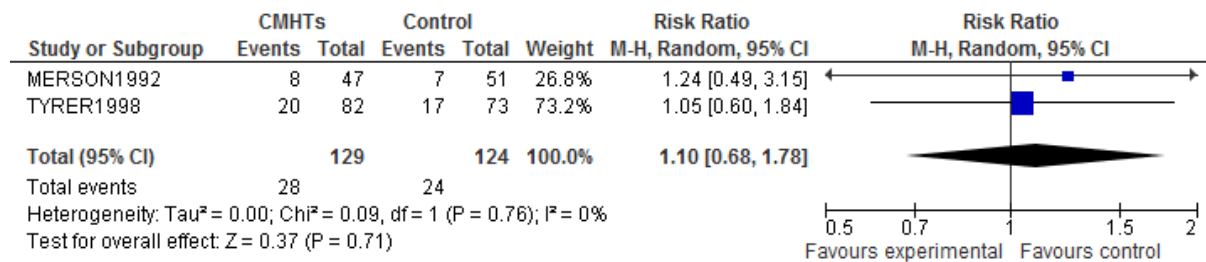
6. COMMUNITY MENTAL HEALTH TEAMS

6.1 Community mental health teams compared with TAU

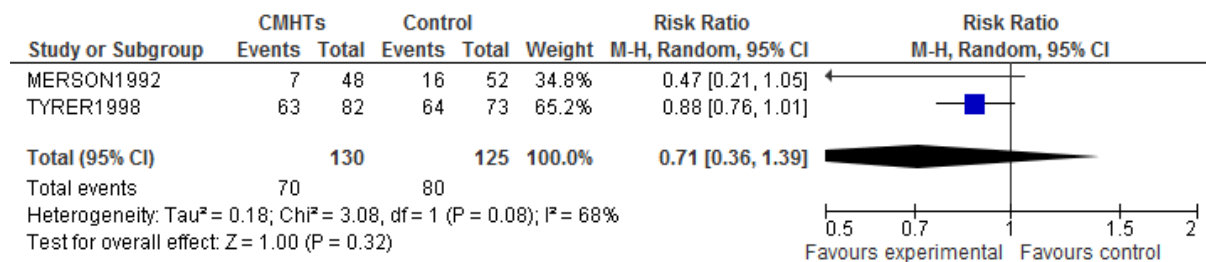
Death - medium term (up to 12 months).



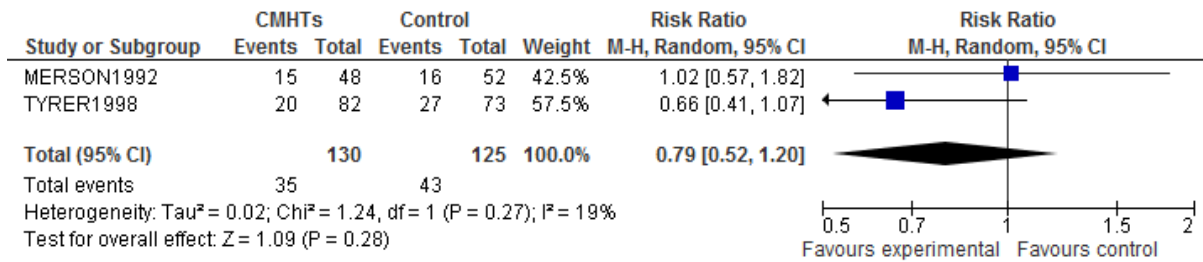
Leaving study early - medium term (up to 12 months).



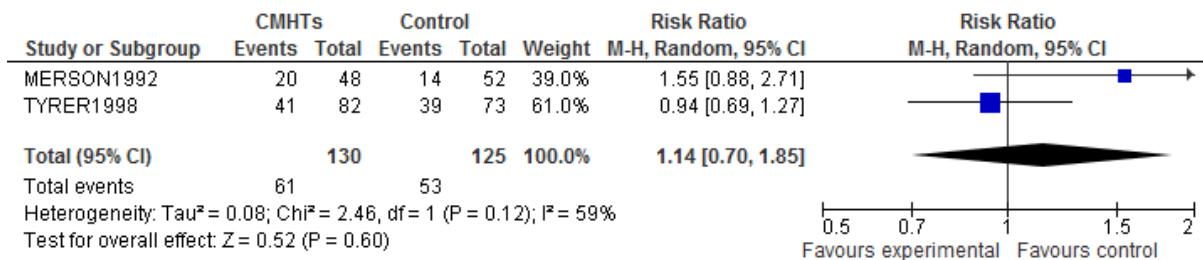
Service use: Admitted to hospital - medium term (up to 12 months).



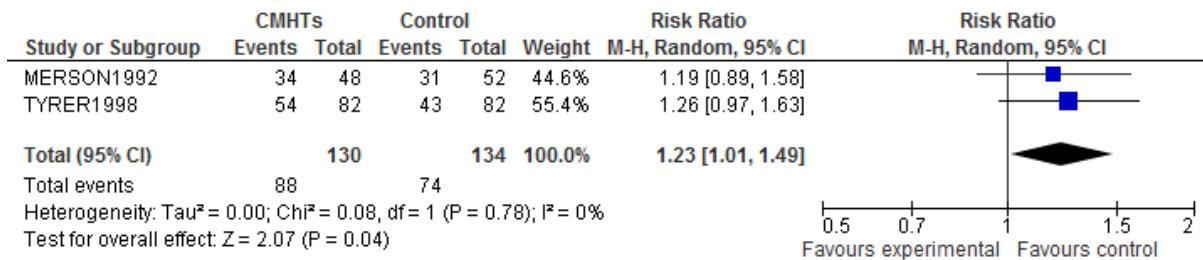
Service use: Use of Accident and Emergency and general hospital - medium term (up to 12 months).



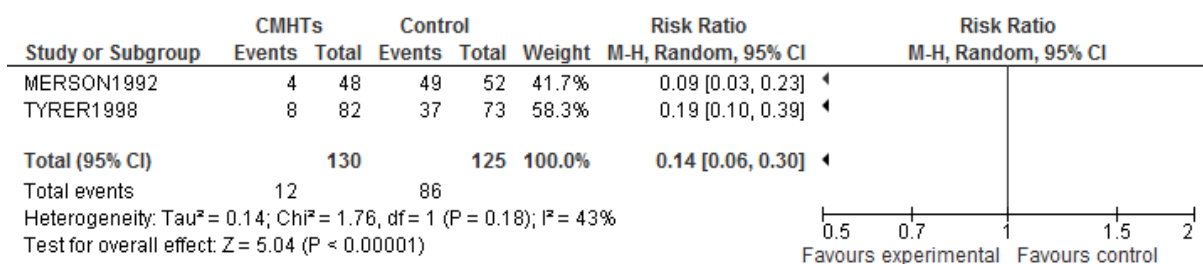
Service use: Not in Contact with Primary Care - medium term (up to 12 months)



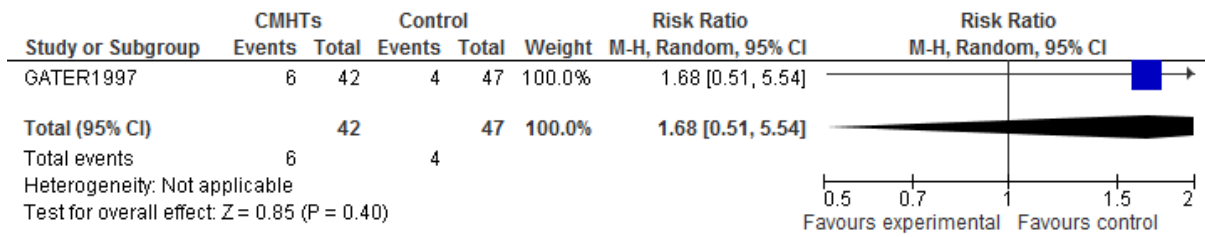
Service use: Not in Contact with social services - medium term (up to 12 months).



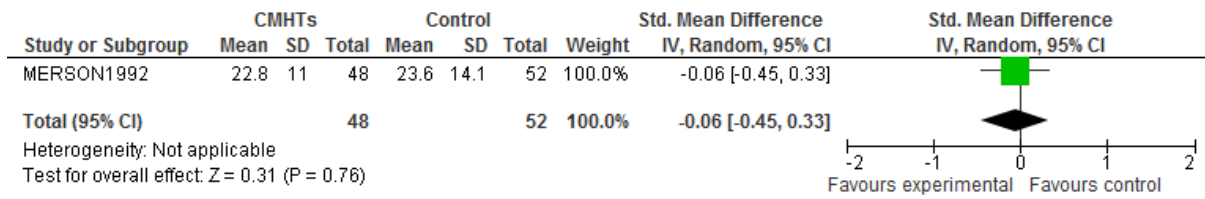
Not in Contact with community psychiatric services - medium term (up to 12 months).



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



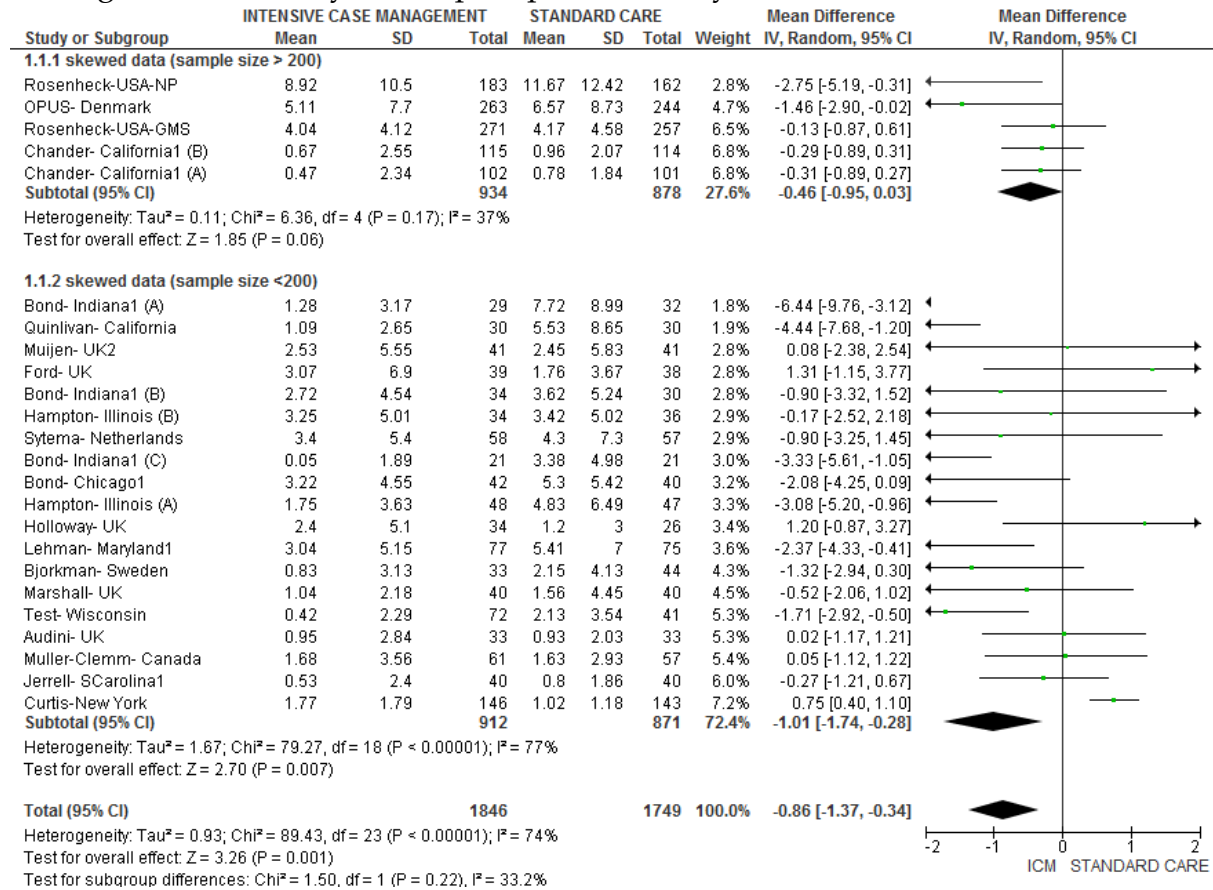
Mental state- medium term (up to 12 months).



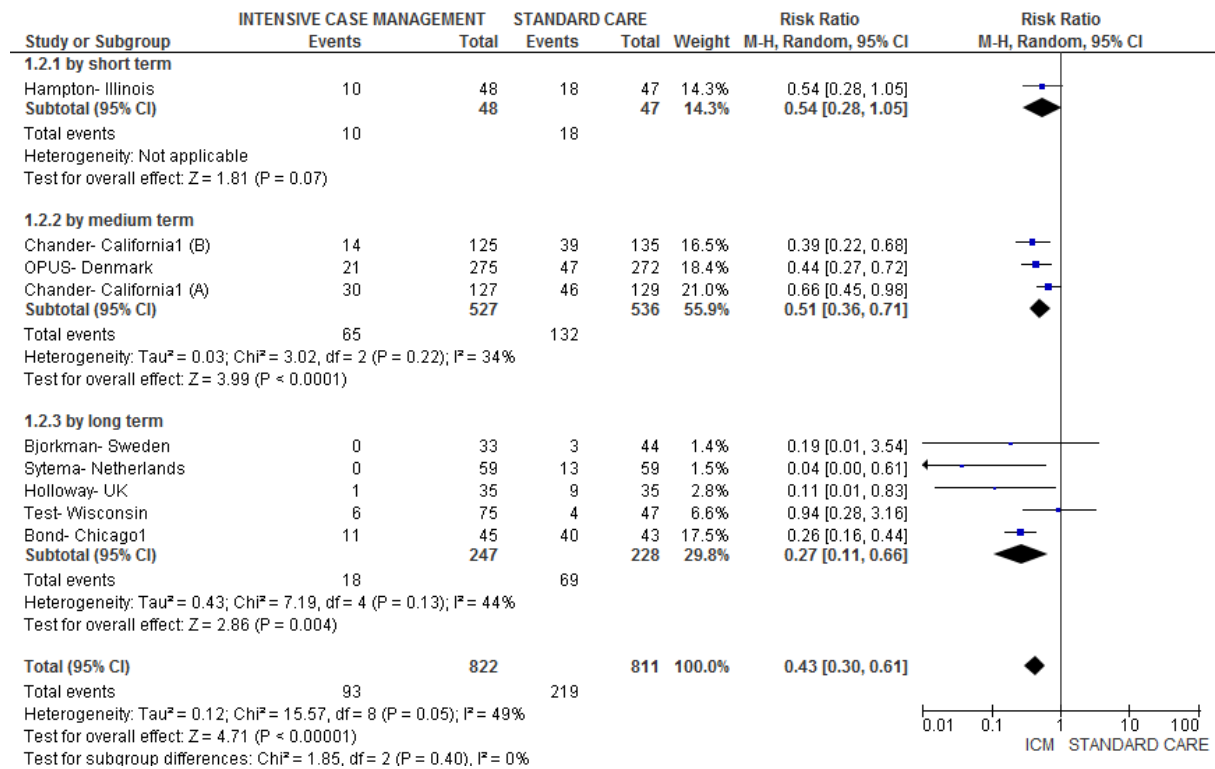
7. INTENSIVE CASE MANAGEMENT

7.1 Intensive case management (CM) compared with Standard care

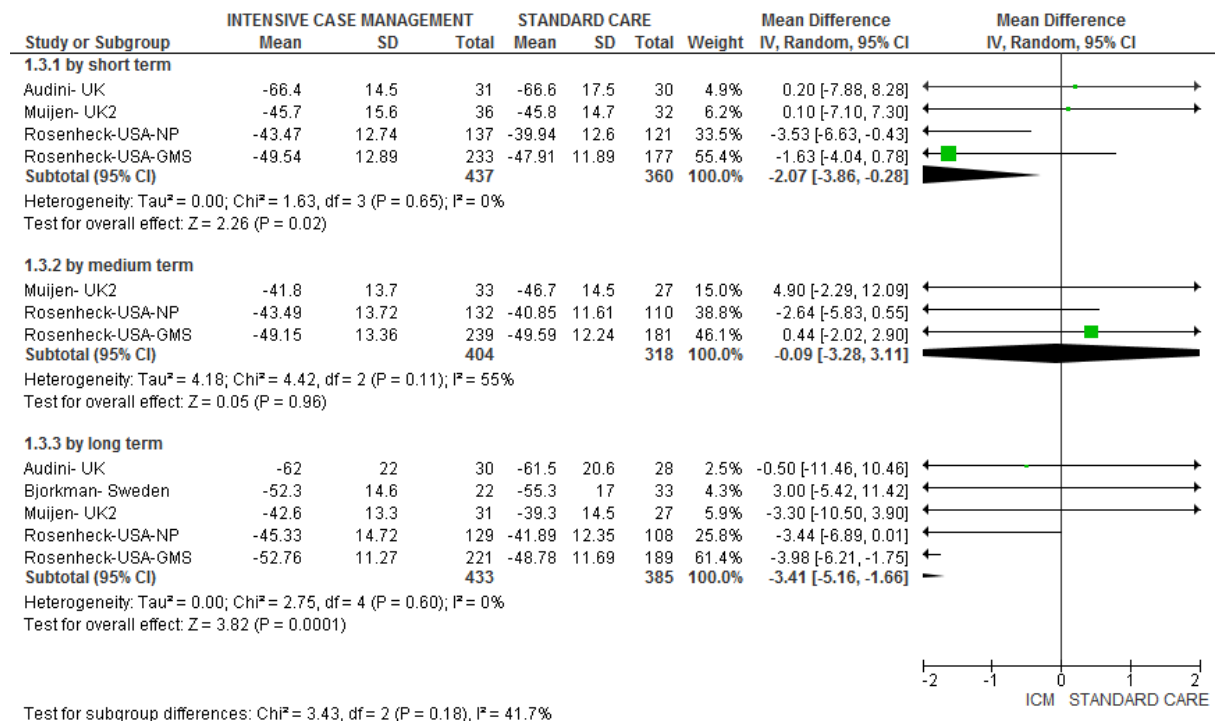
Average number of days in hospital per month- by about 24 months.



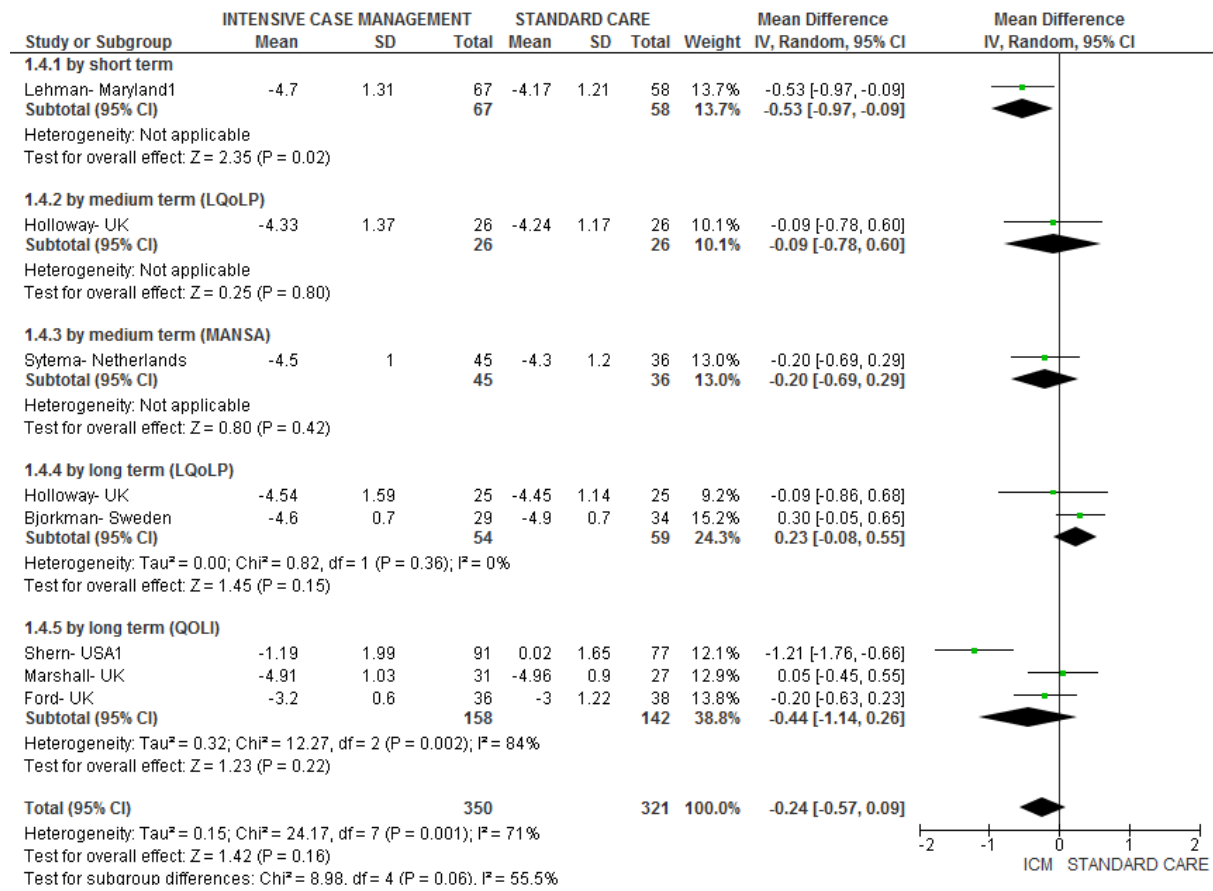
Not remaining in contact with psychiatric services.



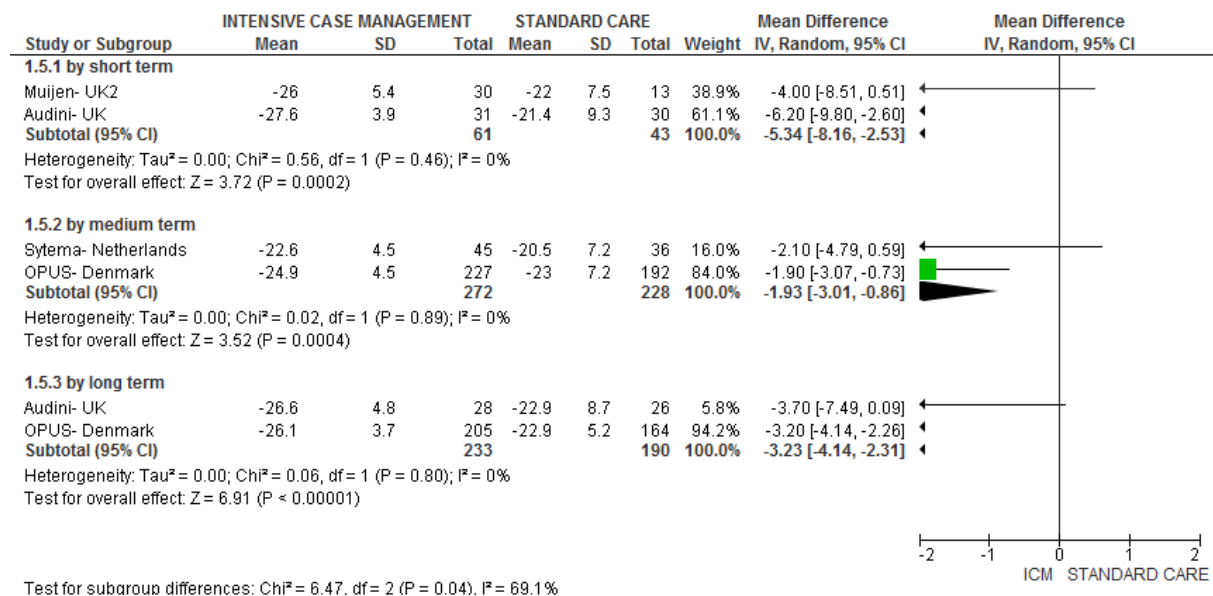
Functioning (GAF).



Quality of Life.

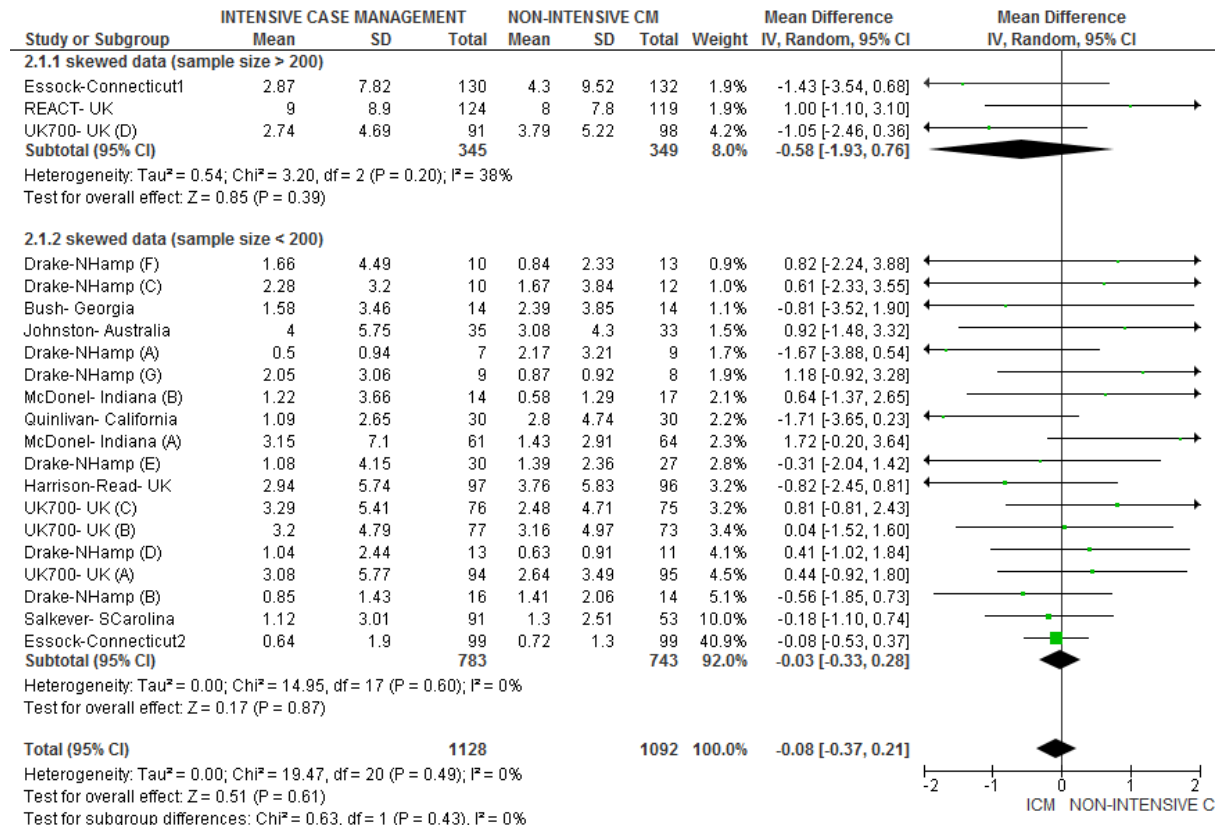


Participant Satisfaction

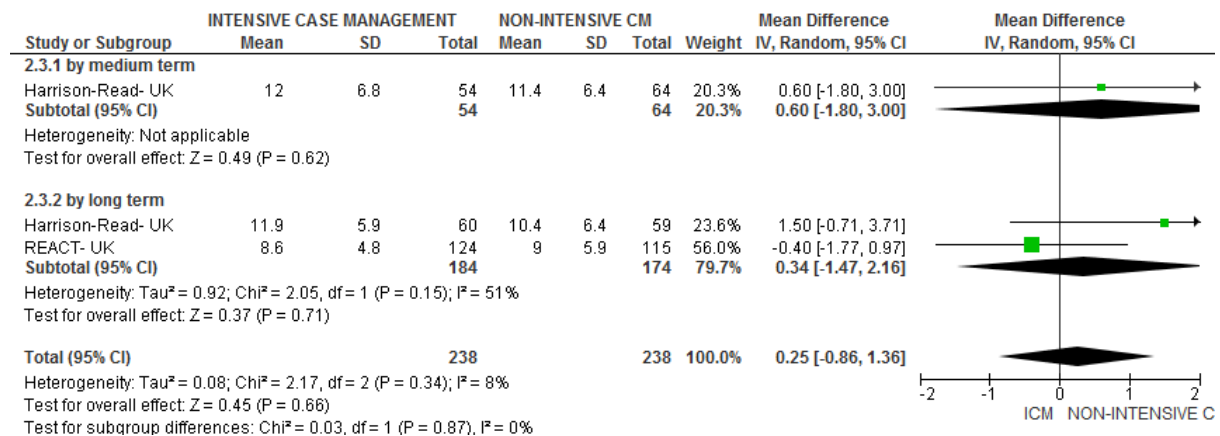


7.2 Intensive case management (CM) compared with non-intensive case management (NICM)

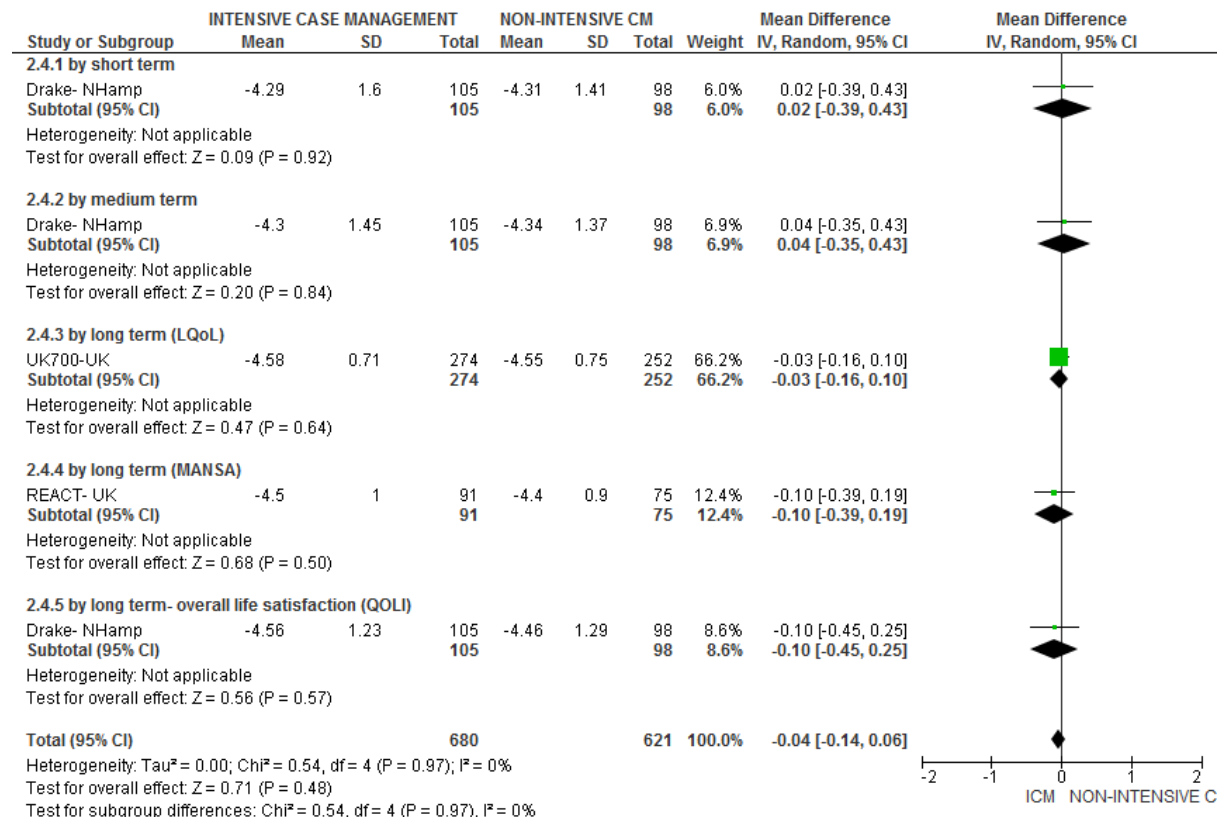
Average number of days in hospital per month- by about 24 months.



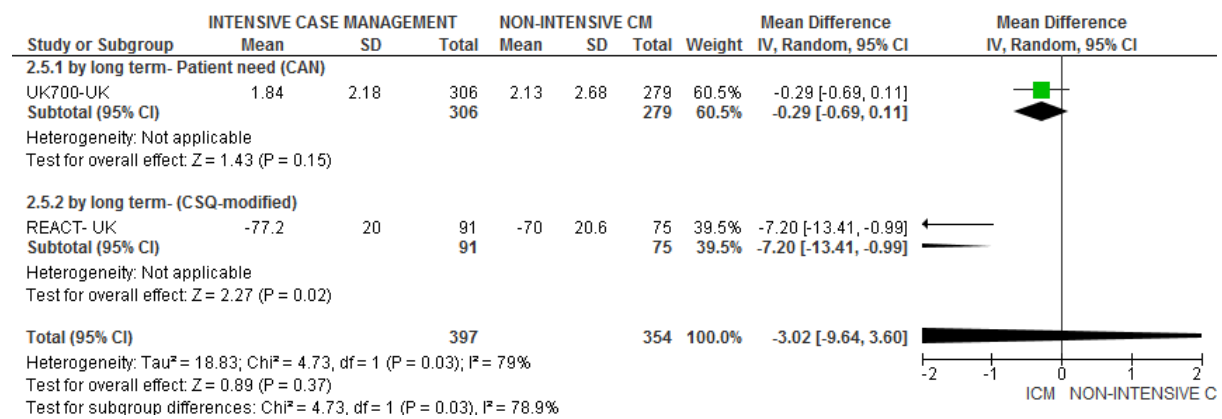
Functioning



Quality of Life.



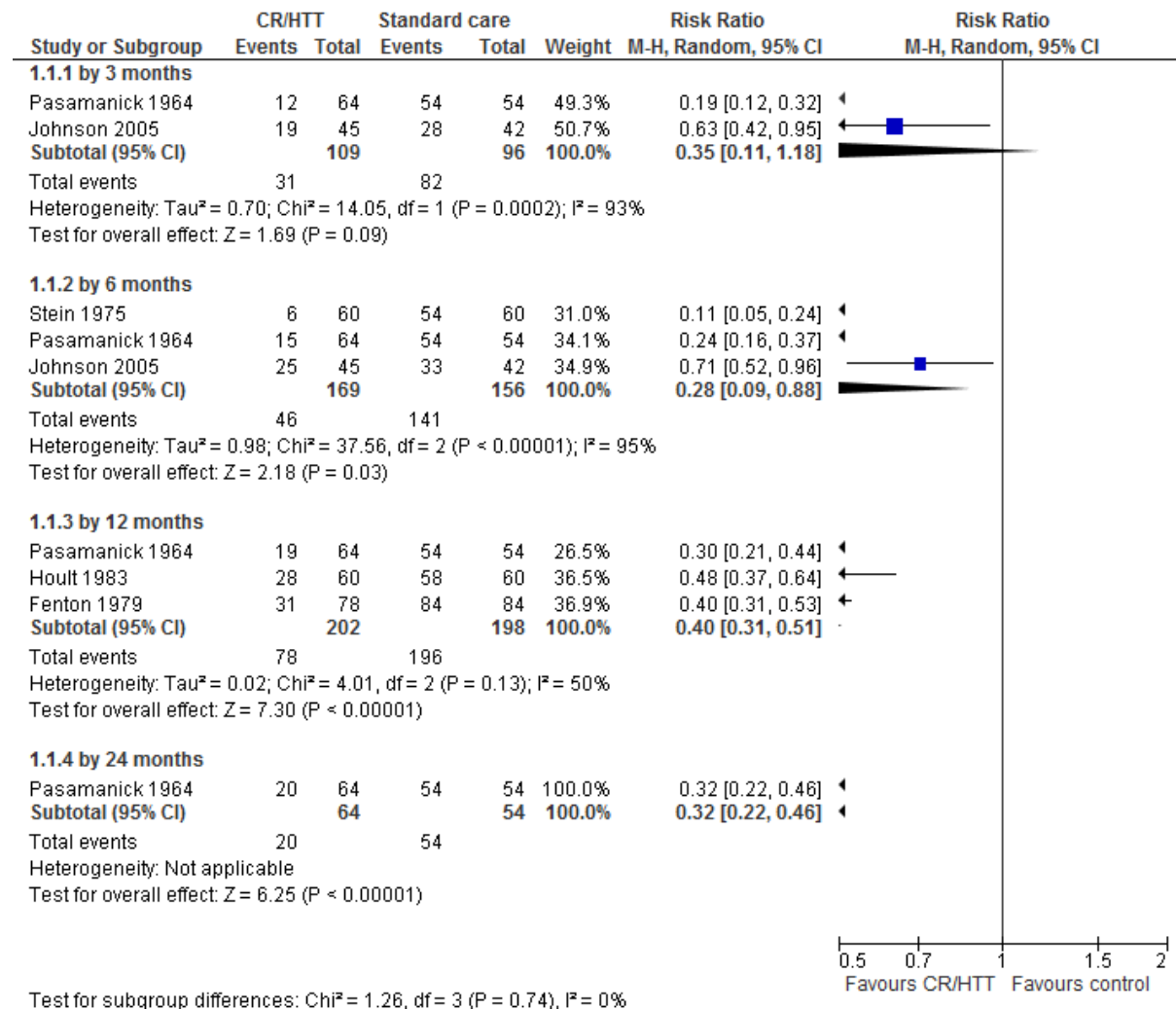
Participant Satisfaction.



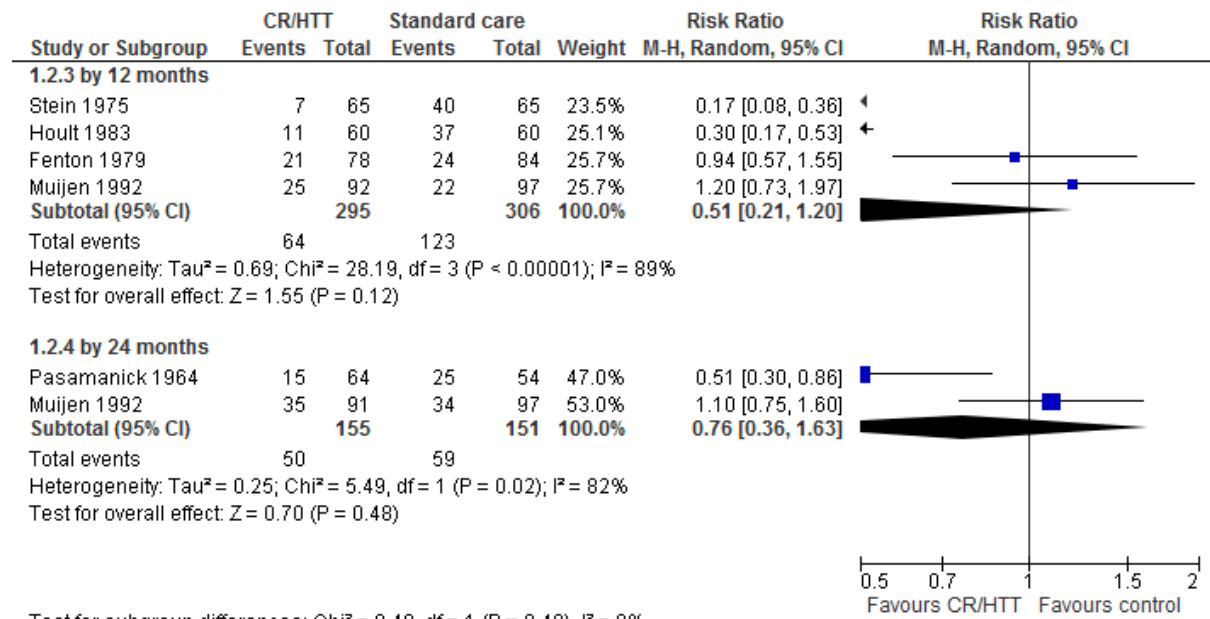
8. CRISIS RESOLUTION AND HOME TREATMENT TEAMS (CRHTT)

8.1 CRHTT compared with TAU

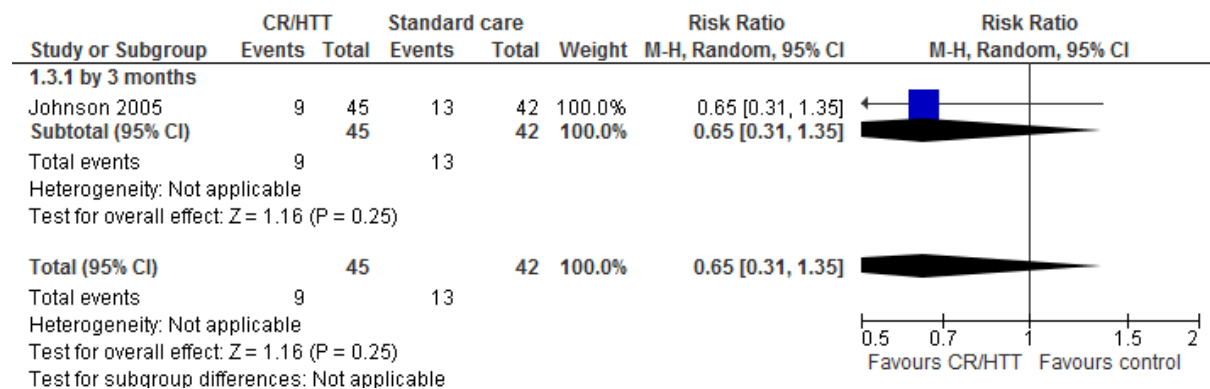
Service use: Admitted to acute care.



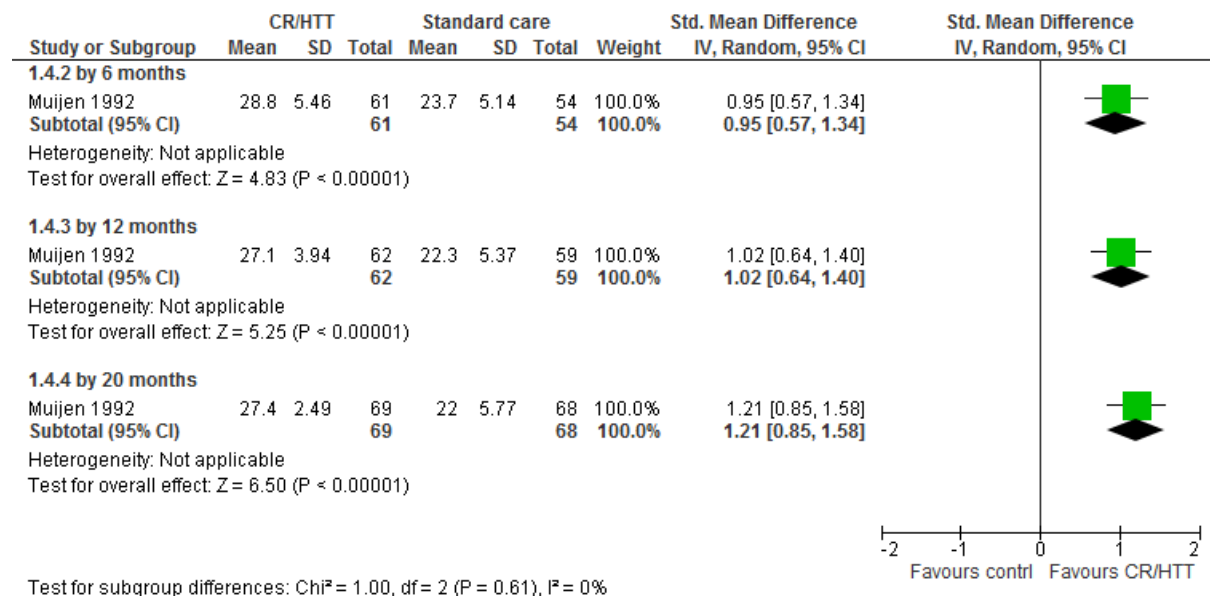
Service use: Readmitted to acute care.



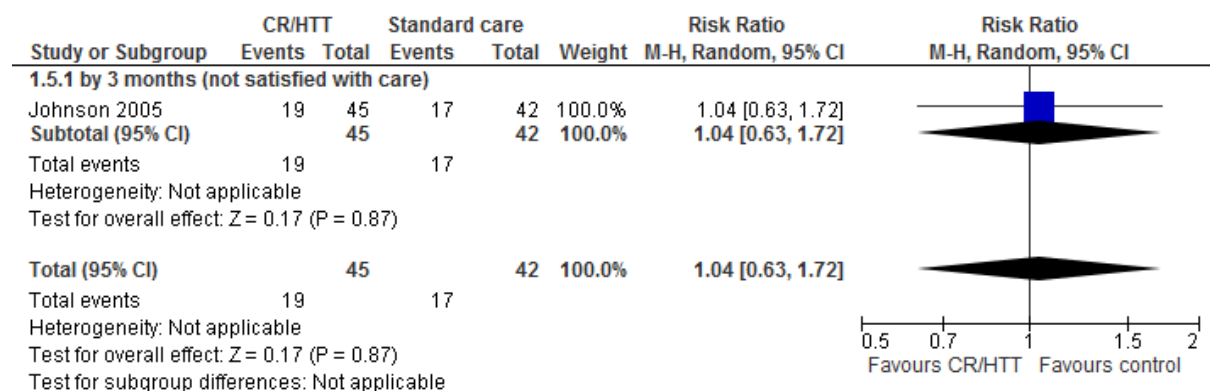
Mental Health Act Admission.



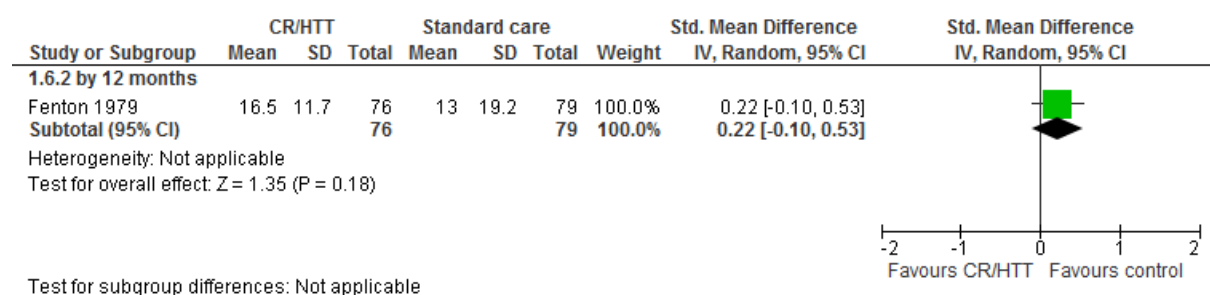
Satisfaction -patient: Patient satisfied with care: Satisfaction Scale.



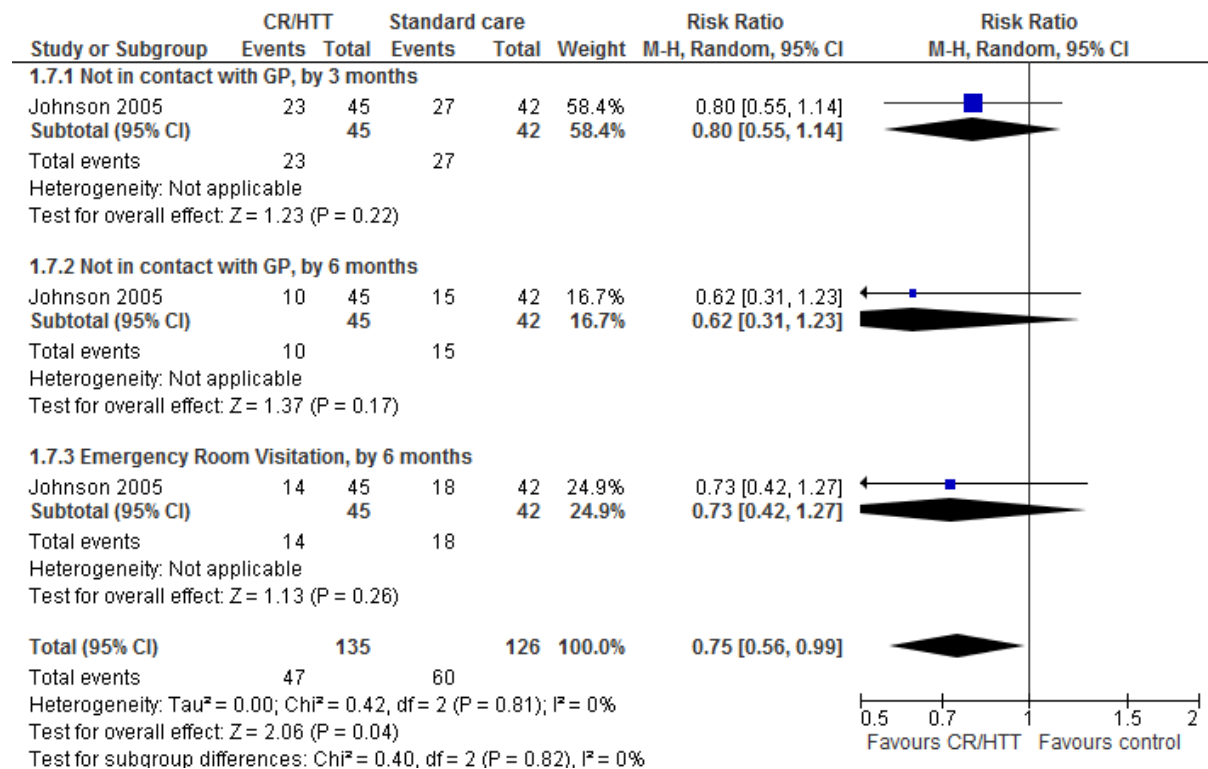
Satisfaction- patient (CSQ).



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



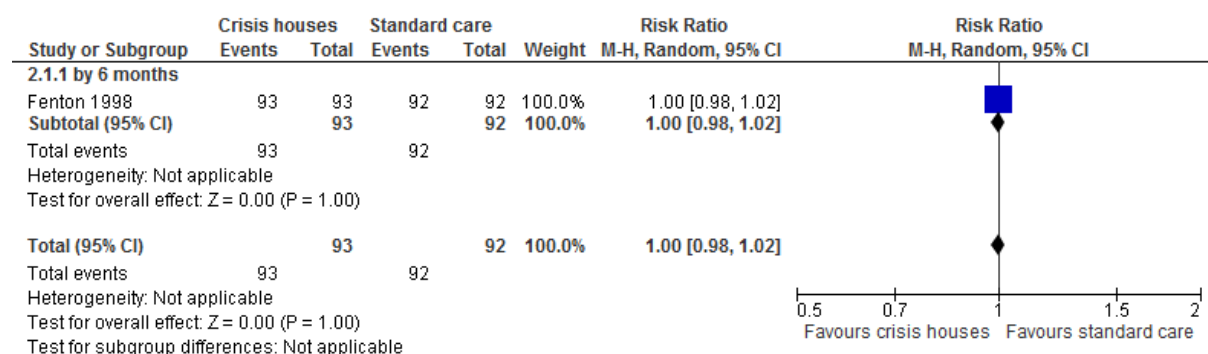
Service use: Contact with services.



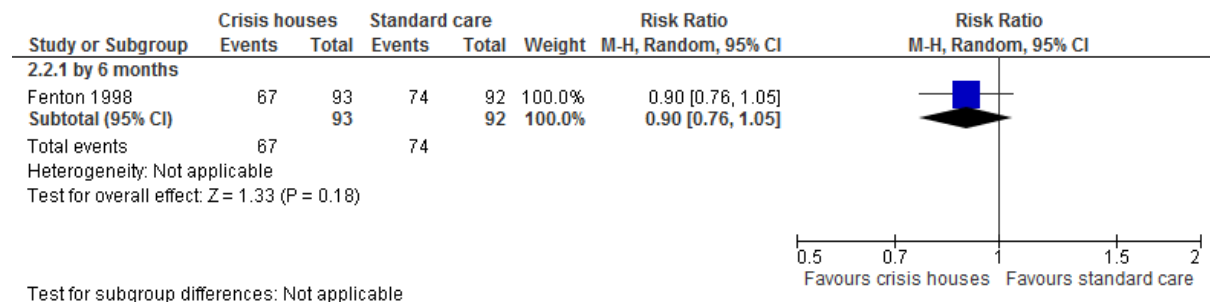
9. CRISIS HOUSES (RECOVERY HOUSES)

9.1 Crisis houses compared with TAU

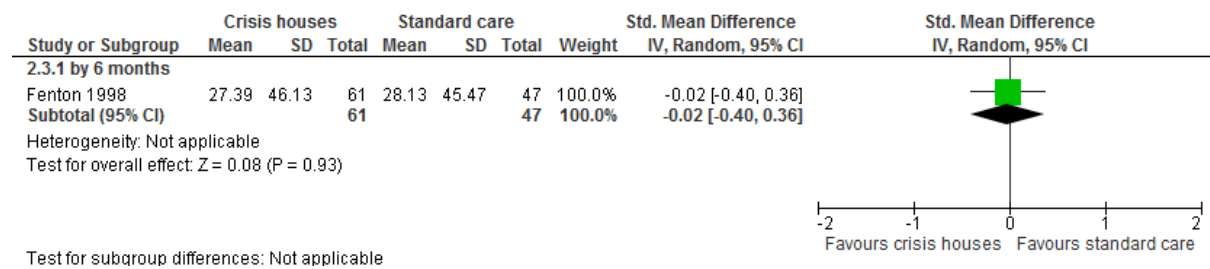
Service use: Admitted to acute care.



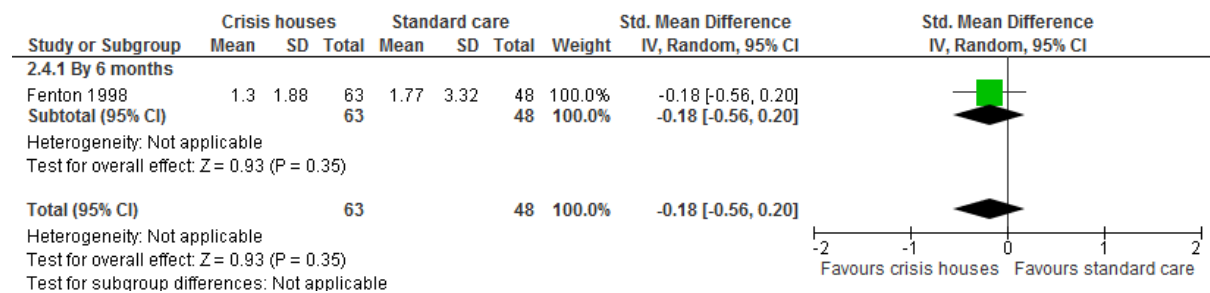
Hospital Use: Repeat admissions.



Hospital use: Days in acute care.



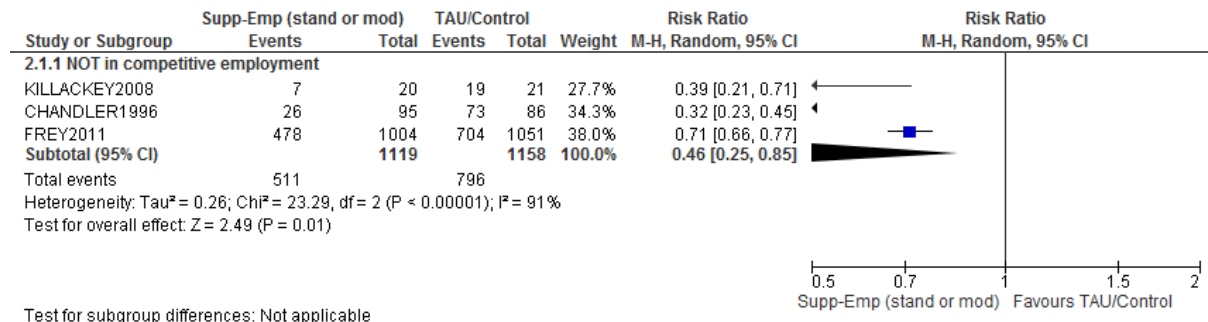
Hospital Use: Number of repeat admissions per participant.



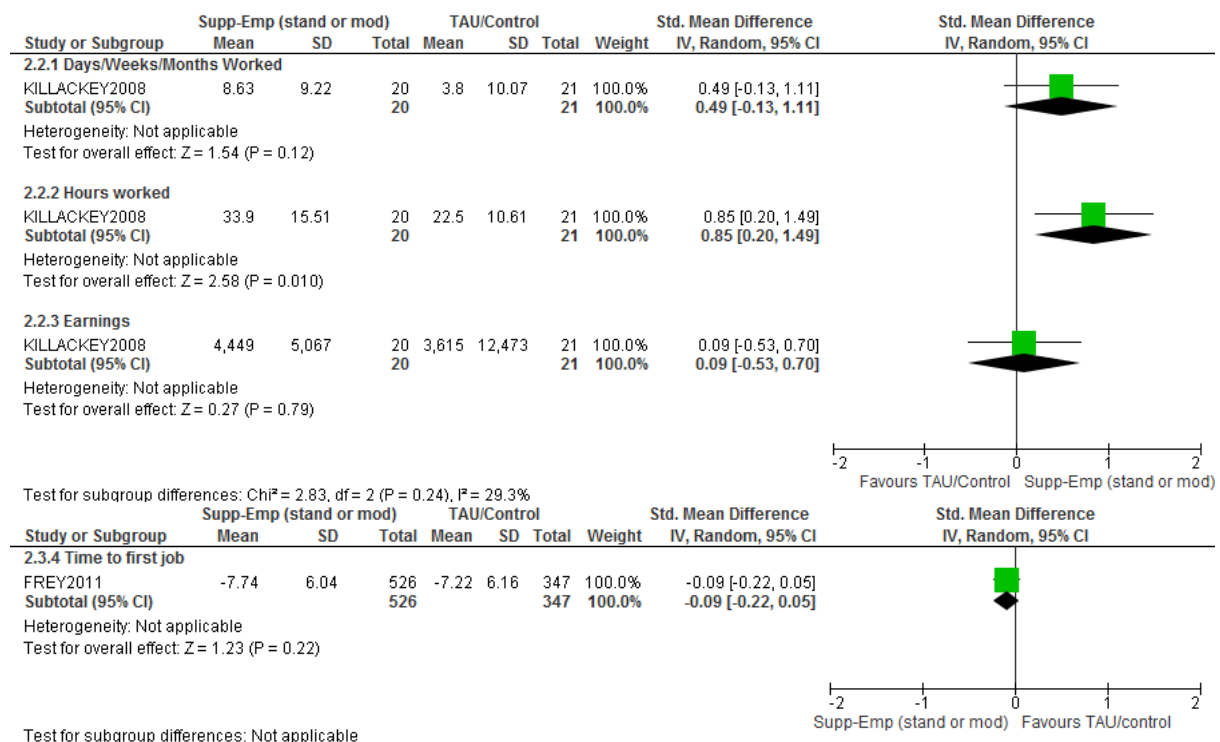
10. VOCATIONAL REHABILITATION

10.1 Supported Employment compared with TAU/Control

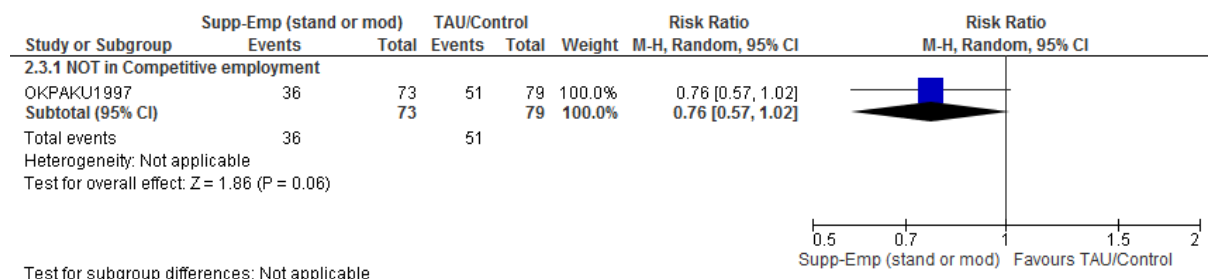
Employment (competitive) - end of intervention.



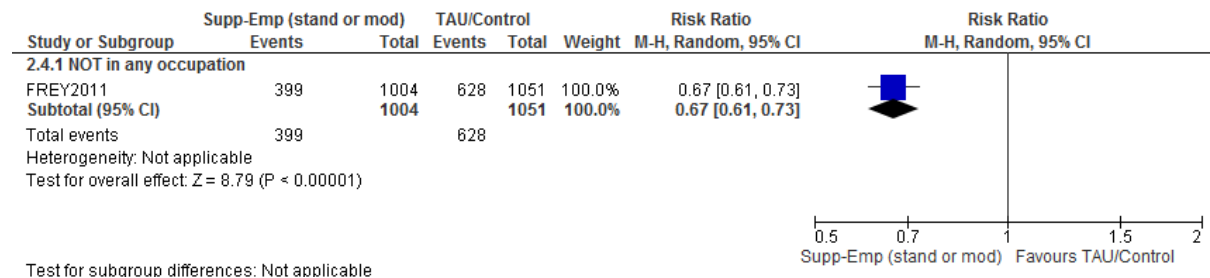
Employment (competitive) - end of intervention.



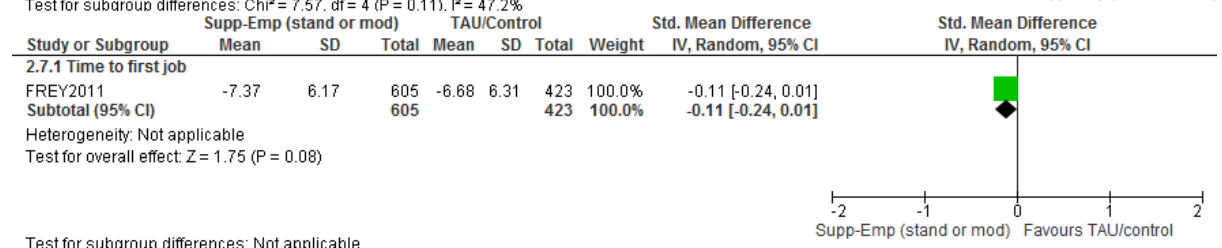
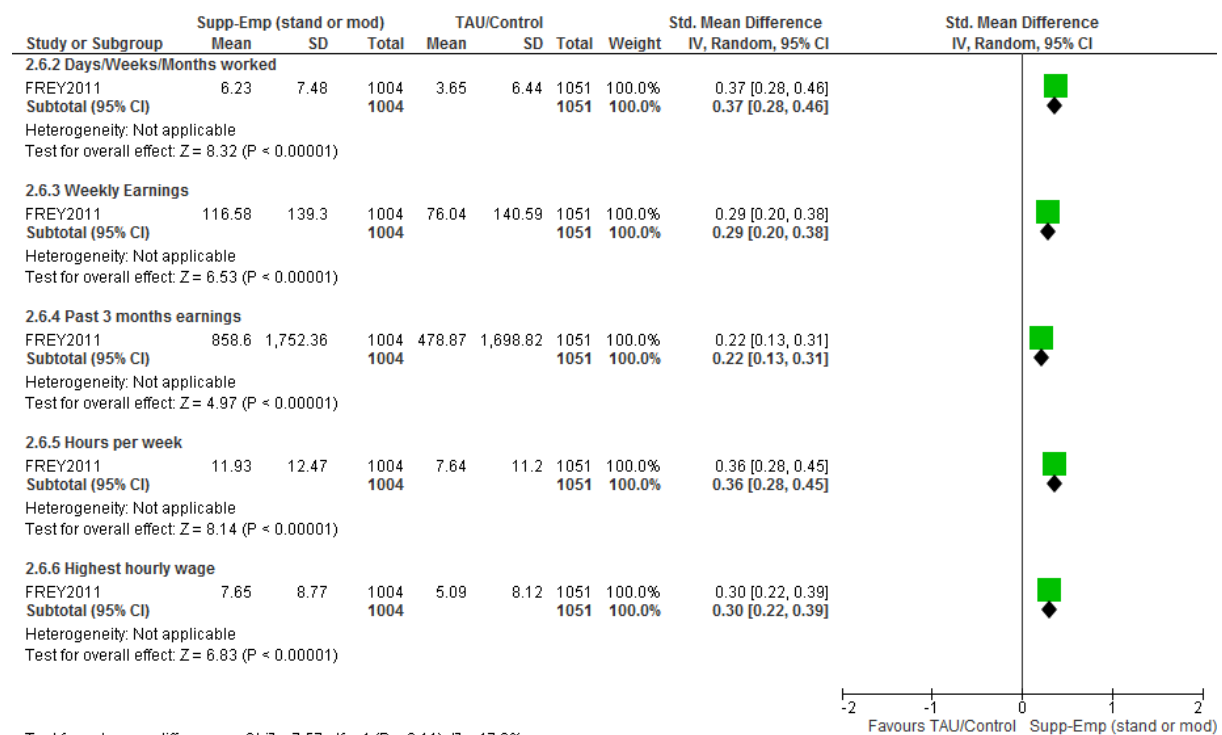
Employment (competitive) - > 12 month follow-up.



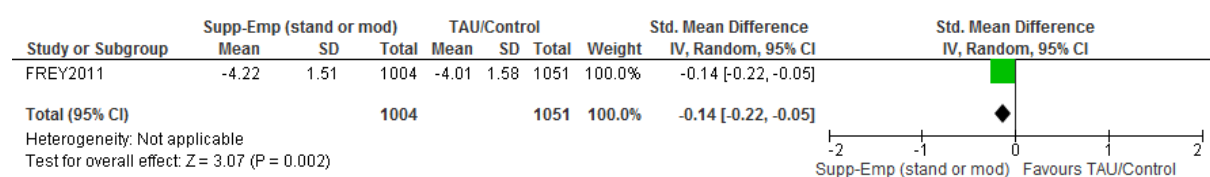
Occupation (any) - end of intervention.



Occupation (any) - end of intervention.

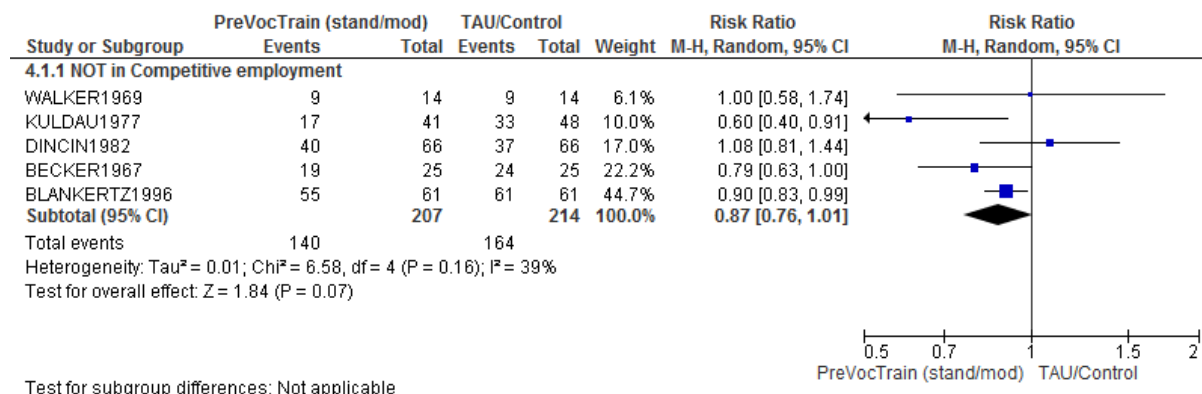


Quality of Life - end of intervention.

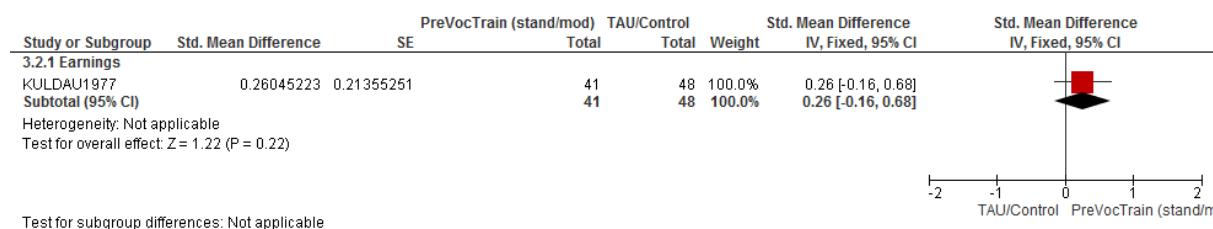


10.2 Pre-vocational training compared with TAU/control

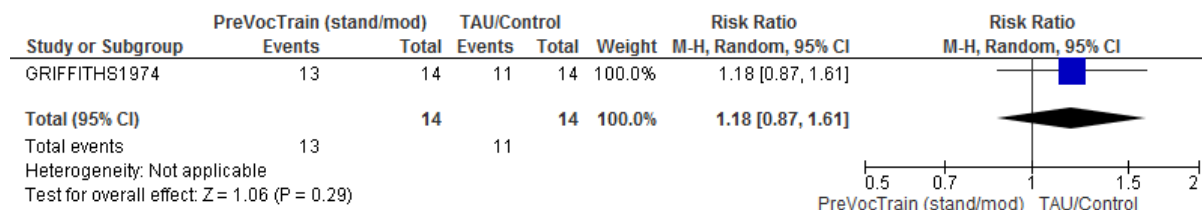
Employment (competitive) - end of intervention.



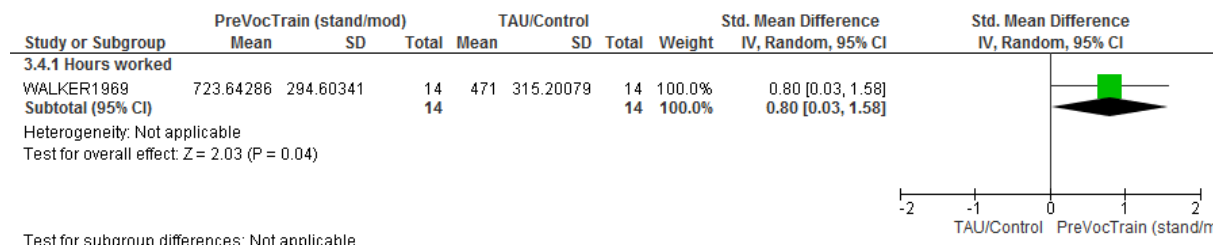
Employment (competitive) - end of intervention.



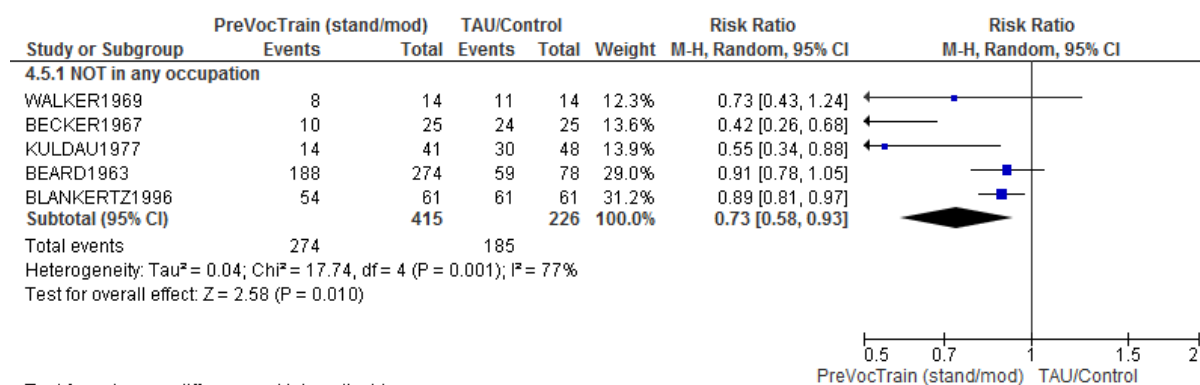
Employment (competitive)- up to 12 month follow-up.



Occupation (any) - end of intervention.

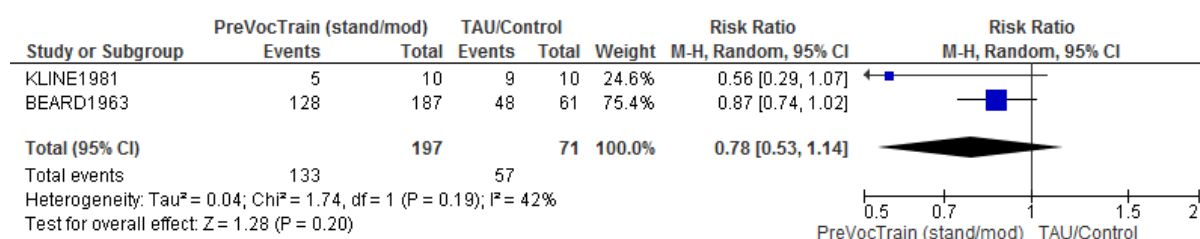


Occupation (any) - end of intervention.

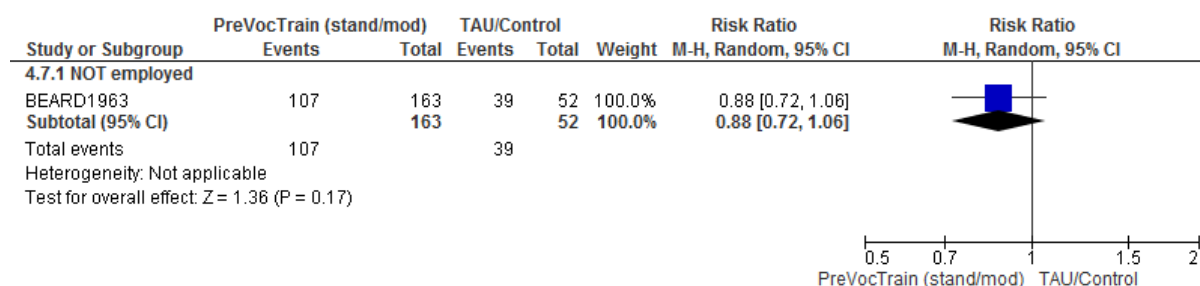


Test for subgroup differences: Not applicable

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

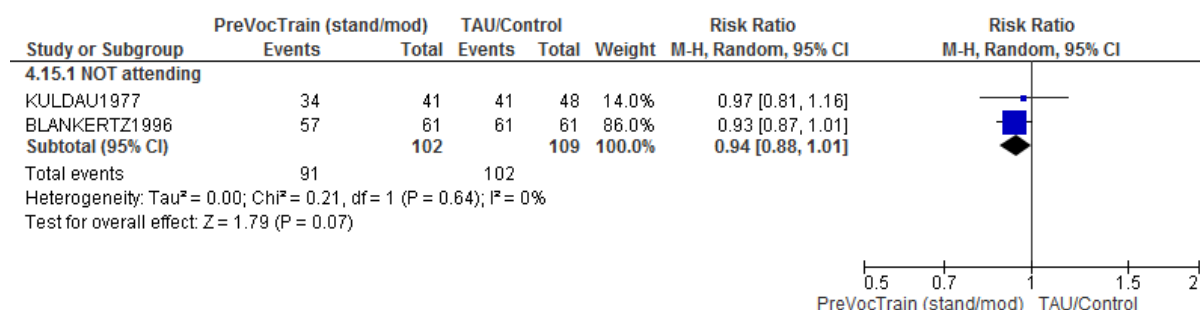


Occupation (any) - 7-12 month follow-up.



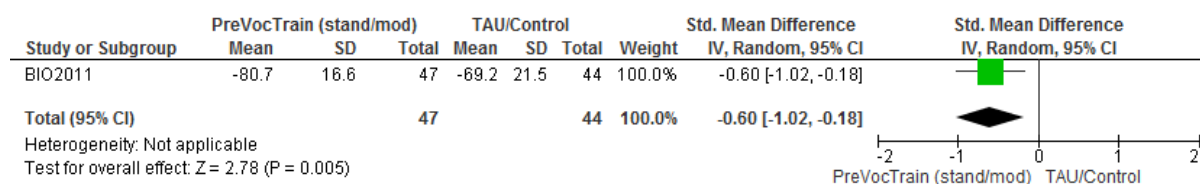
Test for subgroup differences: Not applicable

Education, attendance - end of intervention.



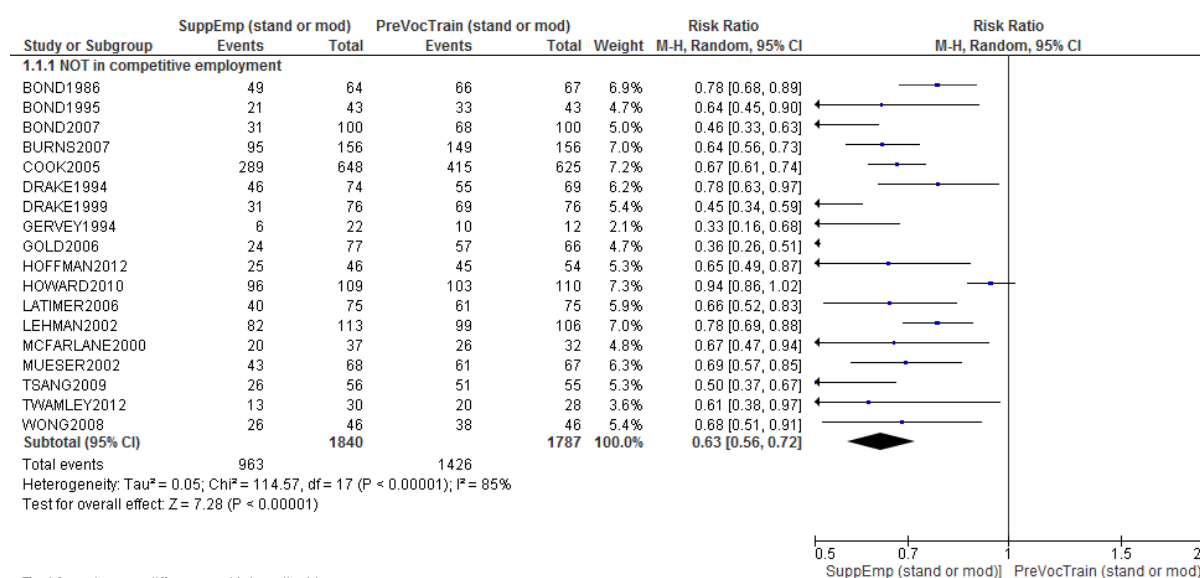
Test for subgroup differences: Not applicable

Quality of Life - end of intervention.

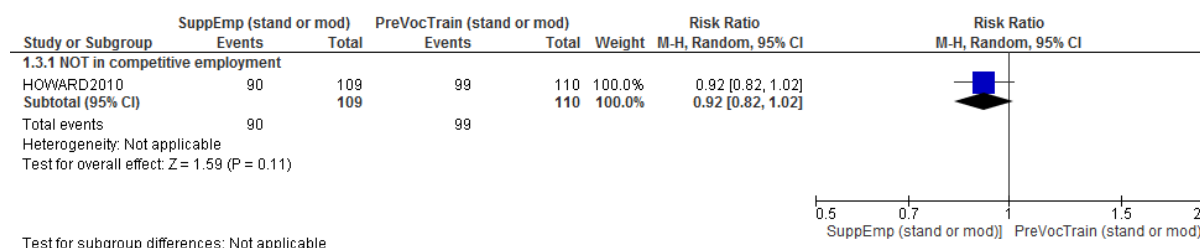


10.3 Supported Employment compared with pre-vocational training

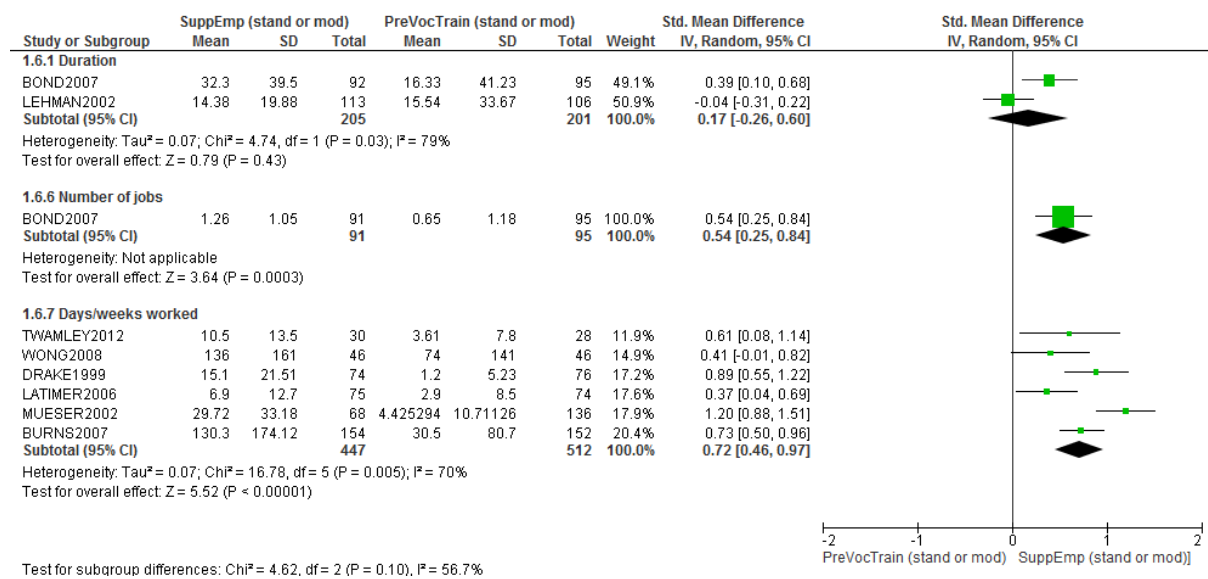
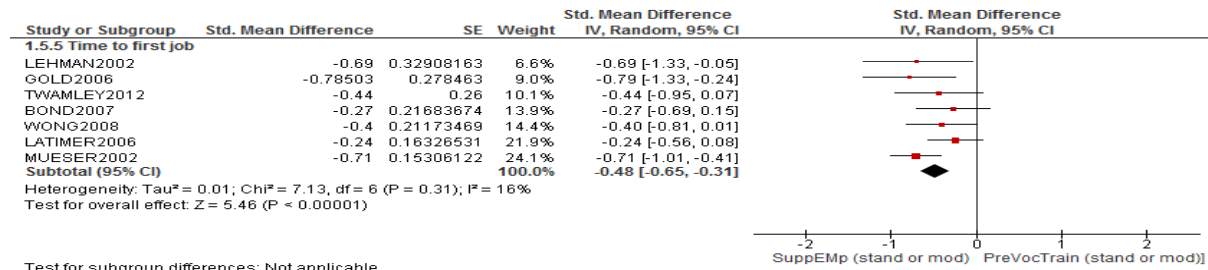
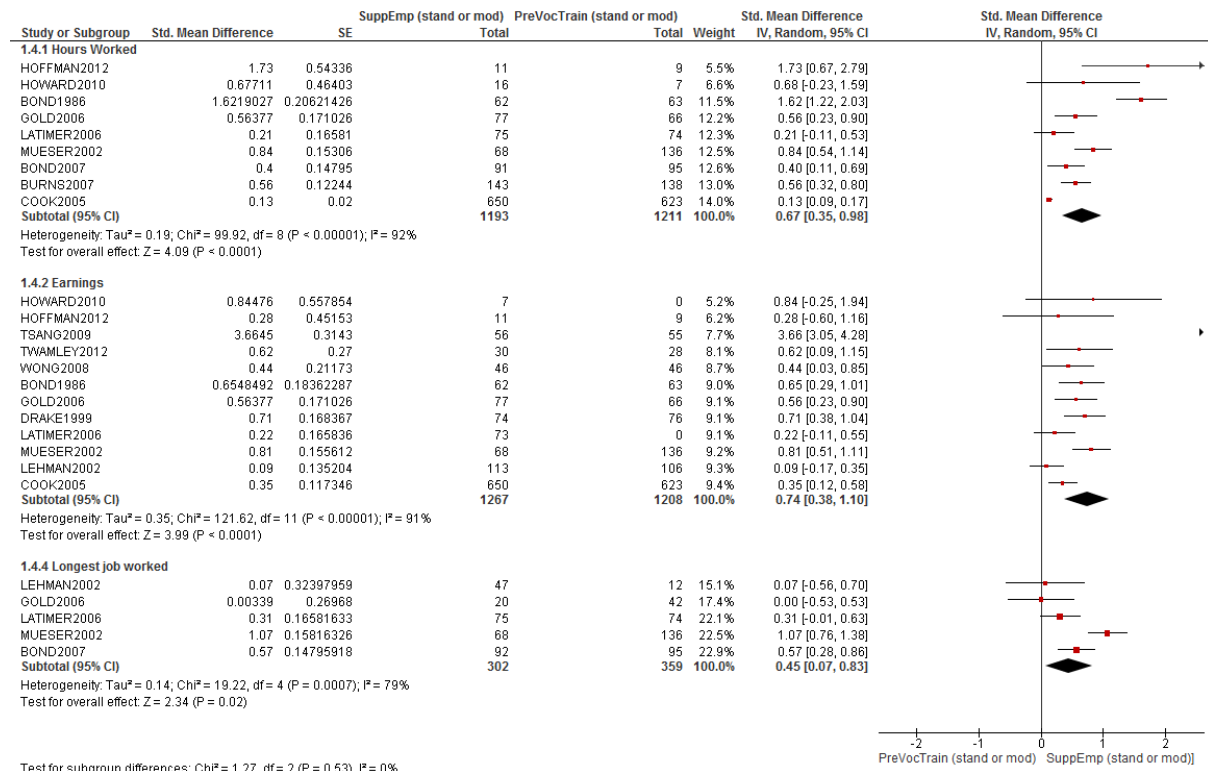
Employment (competitive) - end of intervention.



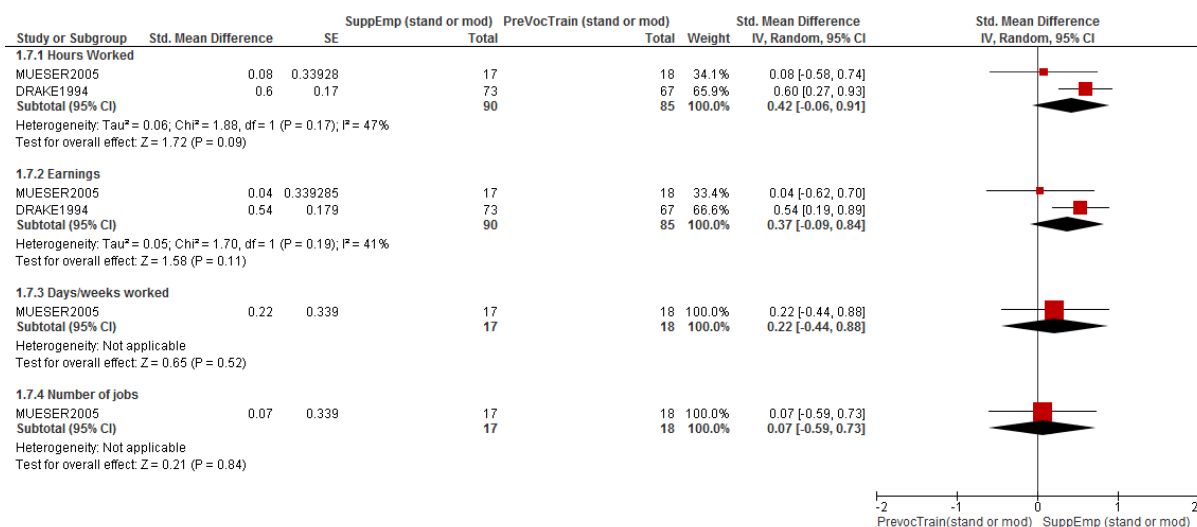
Employment (competitive)- up to 12 month follow-up.



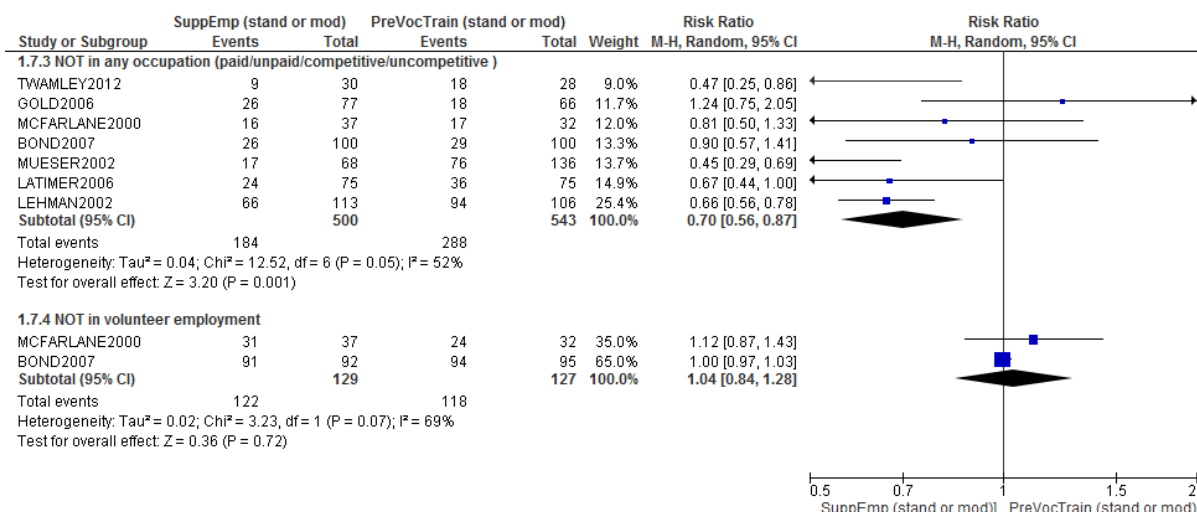
Employment (competitive) - end of intervention.



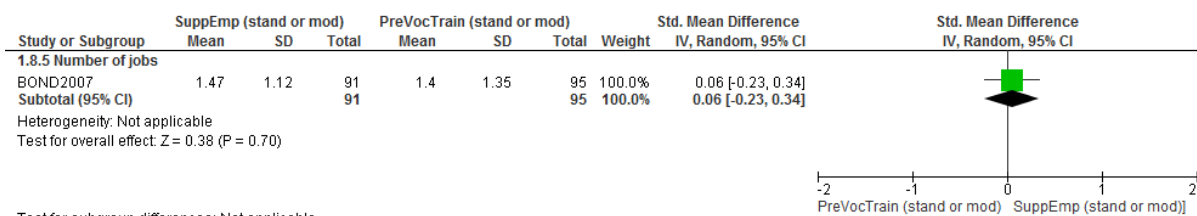
Employment (competitive) - >12 months follow-up.



Occupation (any)- end of intervention.

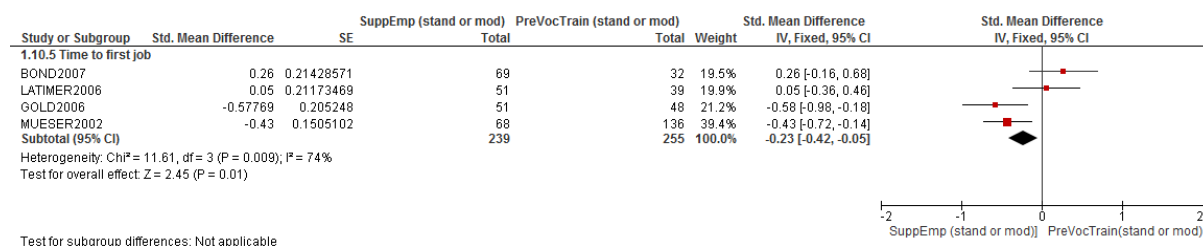
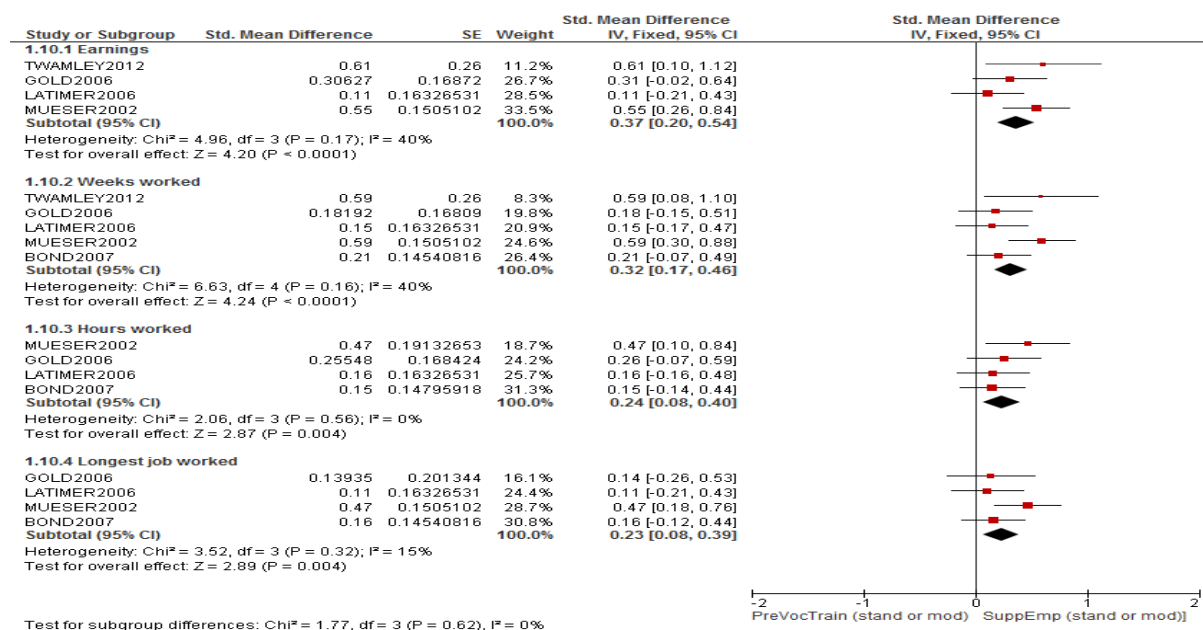


Occupation (any) - end of intervention.

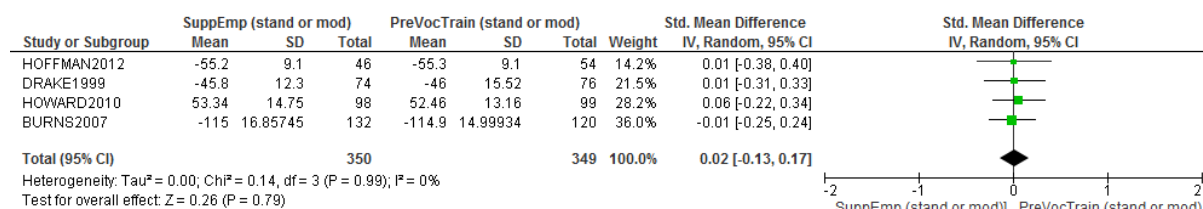


Test for subgroup differences: Not applicable

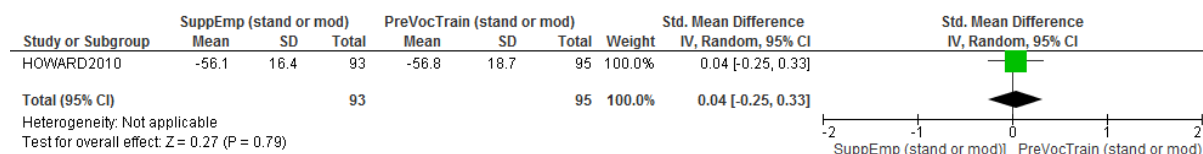
Occupation (any)- end of intervention.



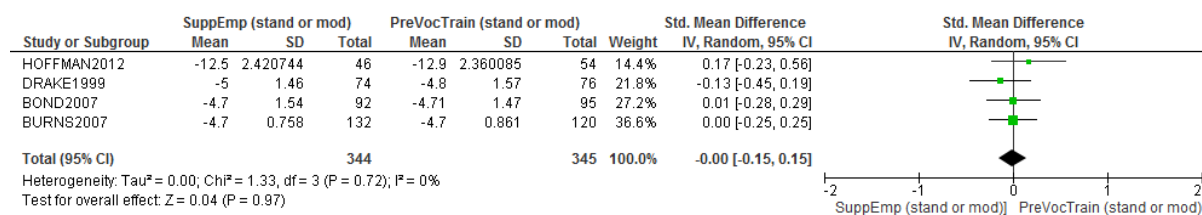
Global state - Functioning, disability - end of intervention.



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

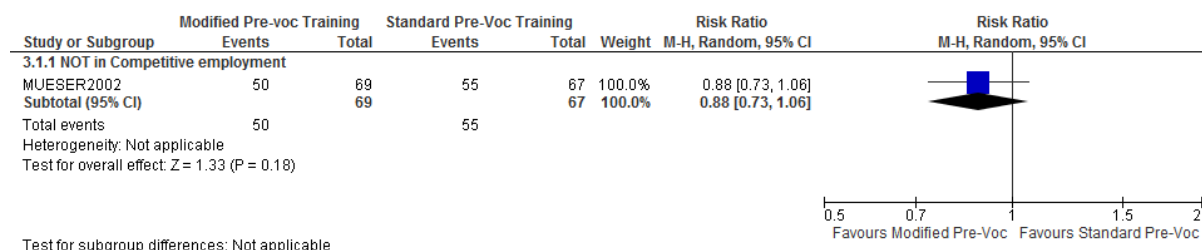


Quality of Life - end of intervention.

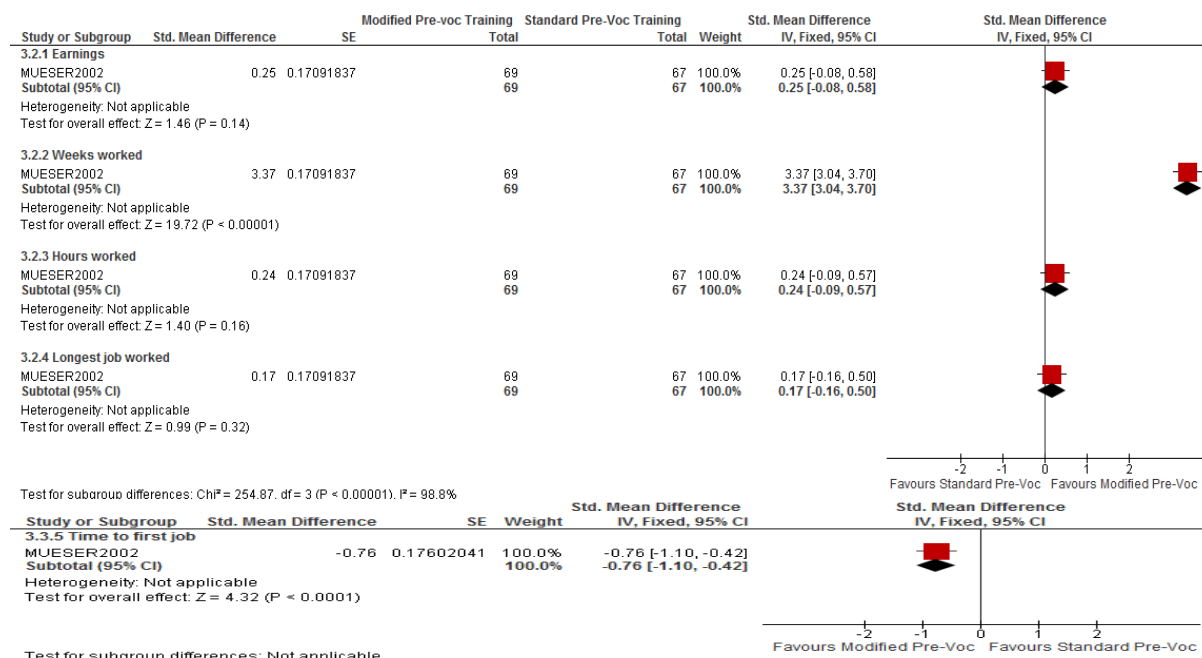


10.4 Modified pre-vocational training compared with standard pre-vocational training

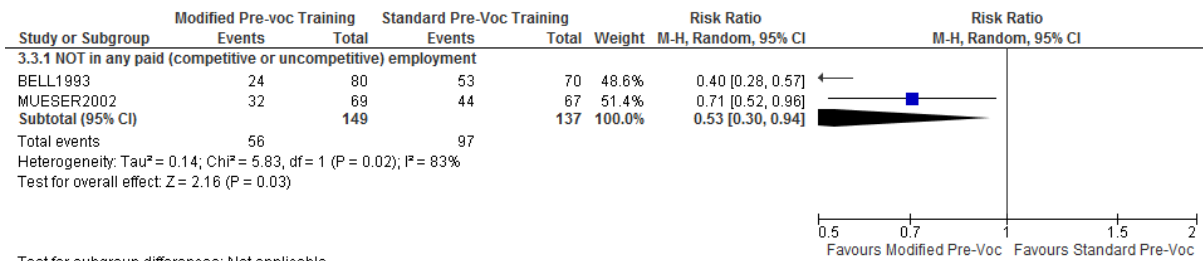
Employment (competitive) - end of intervention.



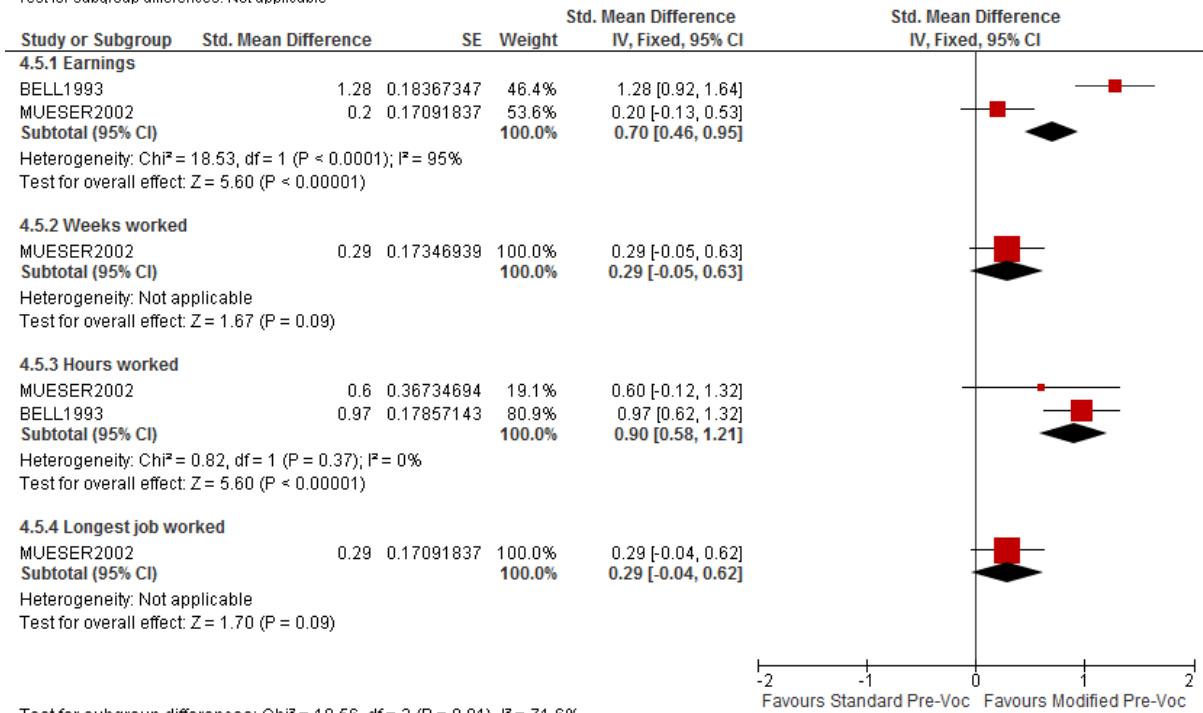
Employment (competitive)- end of intervention.



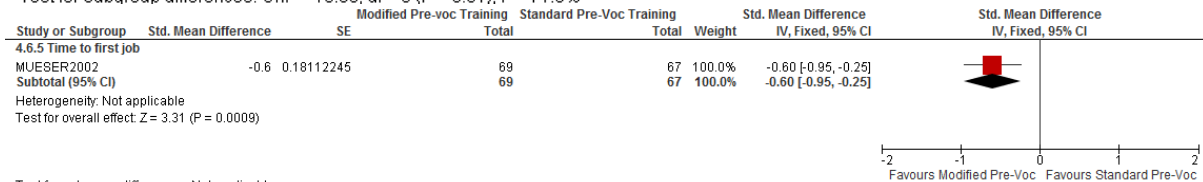
Occupation (any)- end of intervention.



Test for subgroup differences: Not applicable



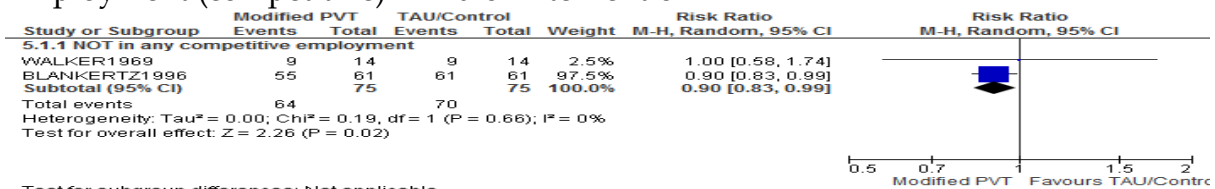
Test for subgroup differences: Chi² = 10.56, df = 3 (P = 0.01), I² = 71.6%



Test for subgroup differences: Not applicable

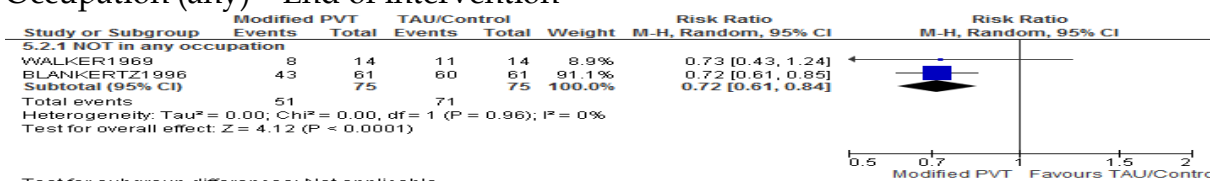
10.5 Modified prevocational training versus TAU/control (non-vocational comparison)

Employment (competitive) – End of intervention

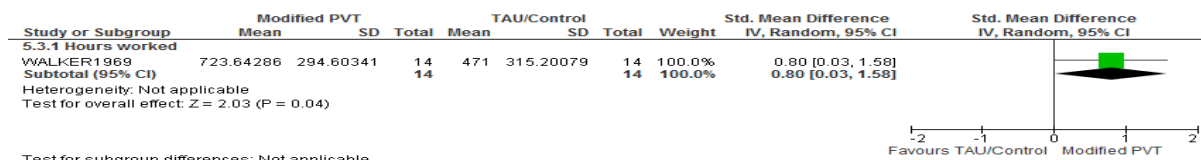


Test for subgroup differences: Not applicable

Occupation (any) – End of intervention

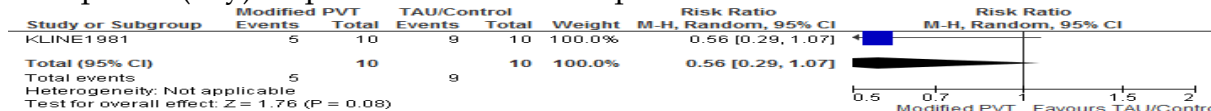


Test for subgroup differences: Not applicable

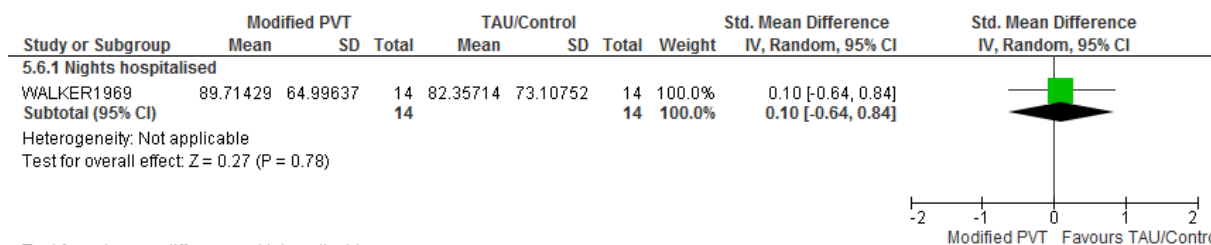
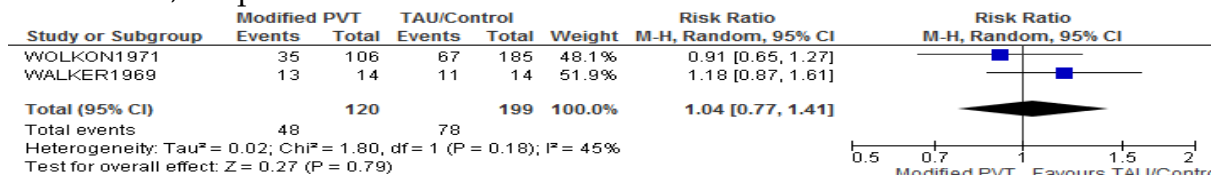


Test for subgroup differences: Not applicable

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

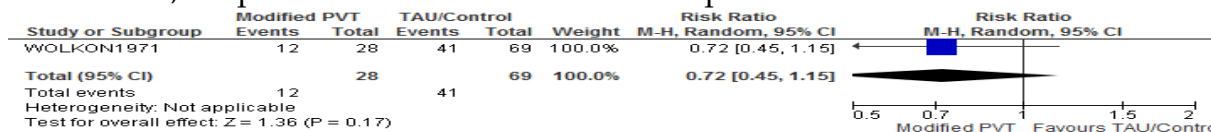


Service Use, hospitalisation - End of intervention

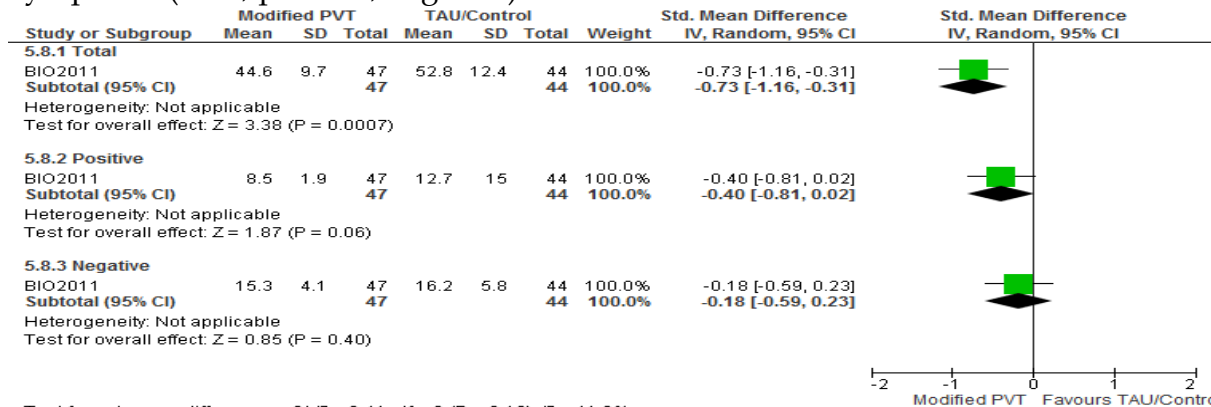


Test for subgroup differences: Not applicable

Service Use, hospitalisation - >12 month follow-up

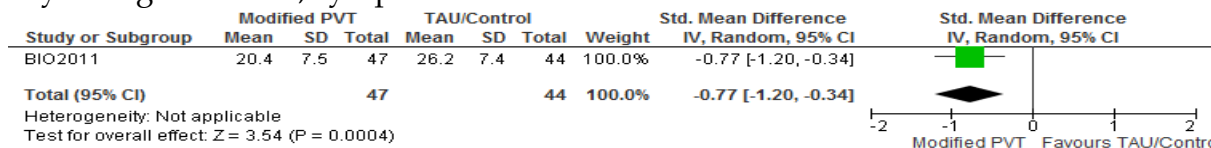


Symptoms (total, positive, negative)- End of intervention

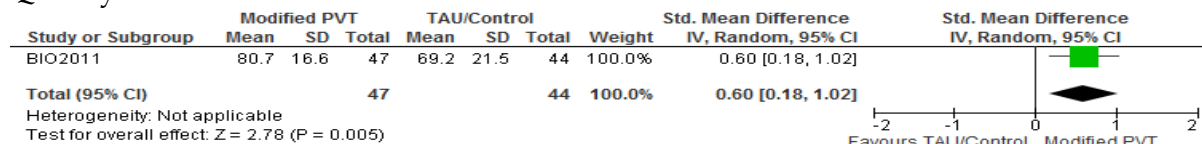


Test for subgroup differences: Chi² = 3.41, df = 2 (P = 0.18), I² = 41.3%

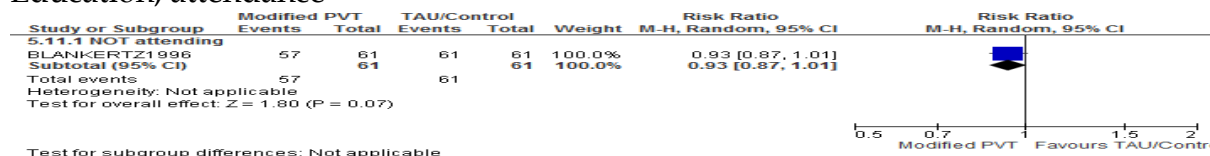
Psychological health, symptoms - End of intervention



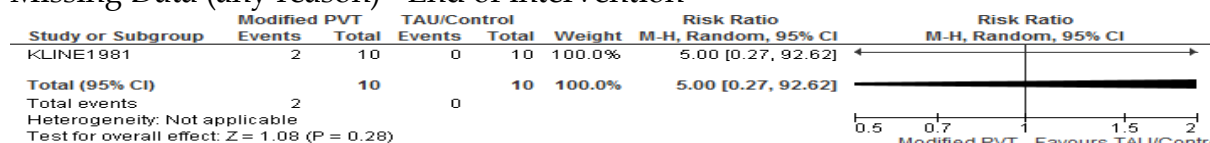
Quality of Life - End of intervention



Education, attendance

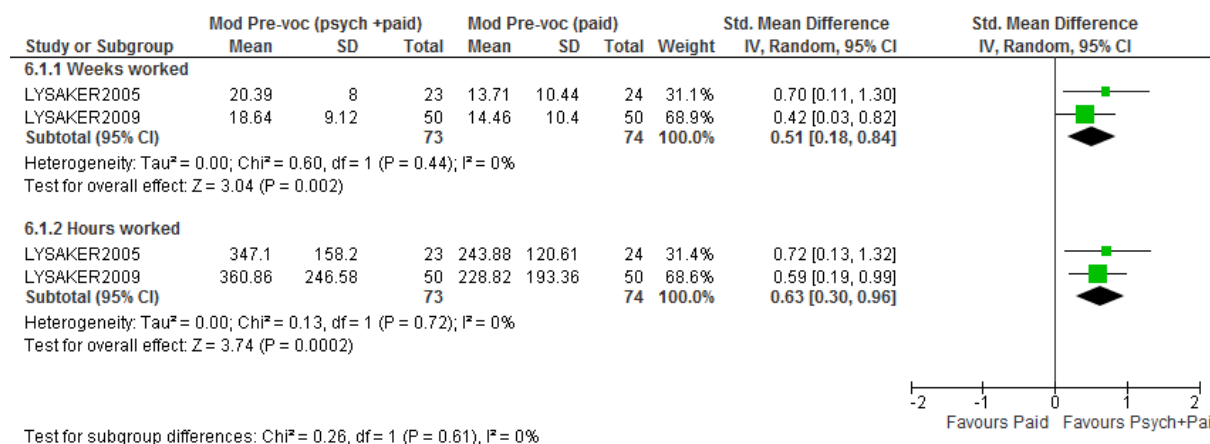


Missing Data (any reason) - End of intervention

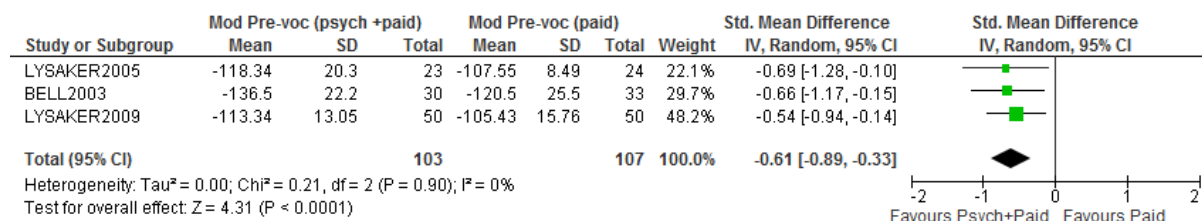


10.6 Modified prevocational training (paid + psychological intervention) versus modified prevocational training (paid)

Occupation (any)- end of intervention.

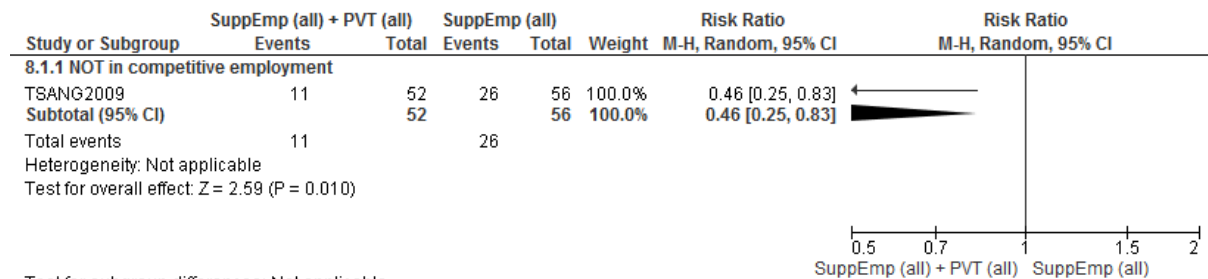


Global state - Functioning, disability - end of intervention.



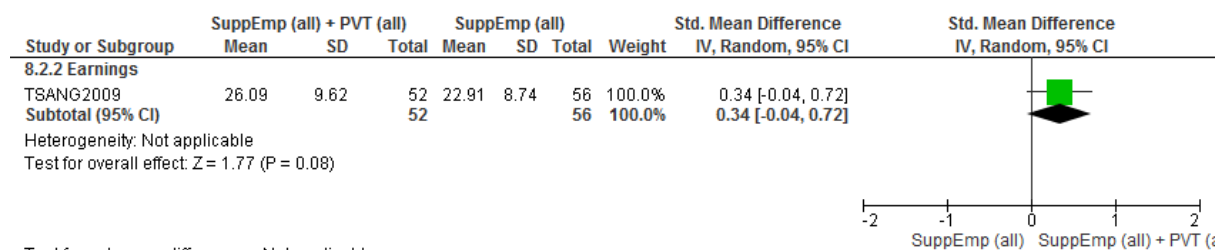
10.7 Supported employment + prevocational training versus supported employment

Employment (competitive) - end of intervention.



Test for subgroup differences: Not applicable

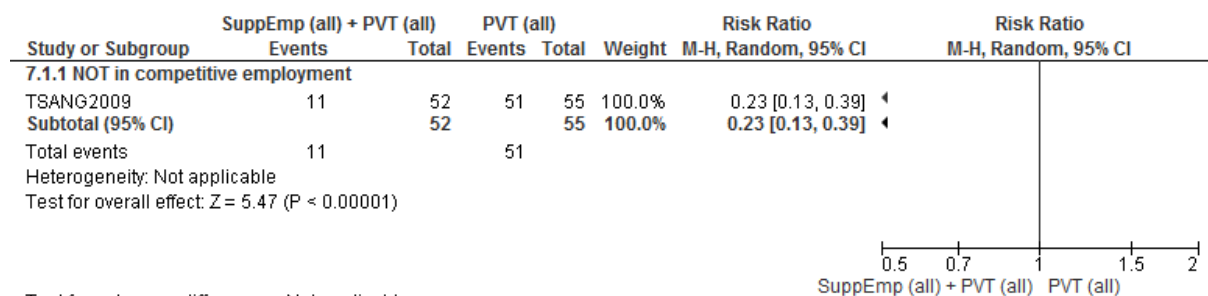
Employment (competitive) - end of intervention.



Test for subgroup differences: Not applicable

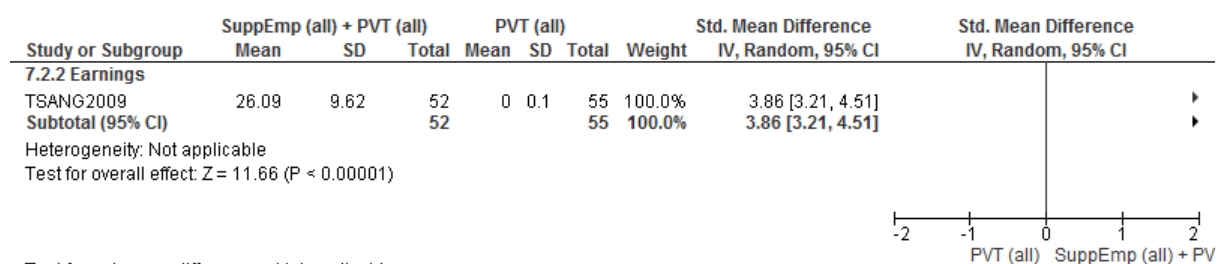
10.8 Supported employment + prevocational training versus prevocational training

Employment (competitive) - end of intervention.



Test for subgroup differences: Not applicable

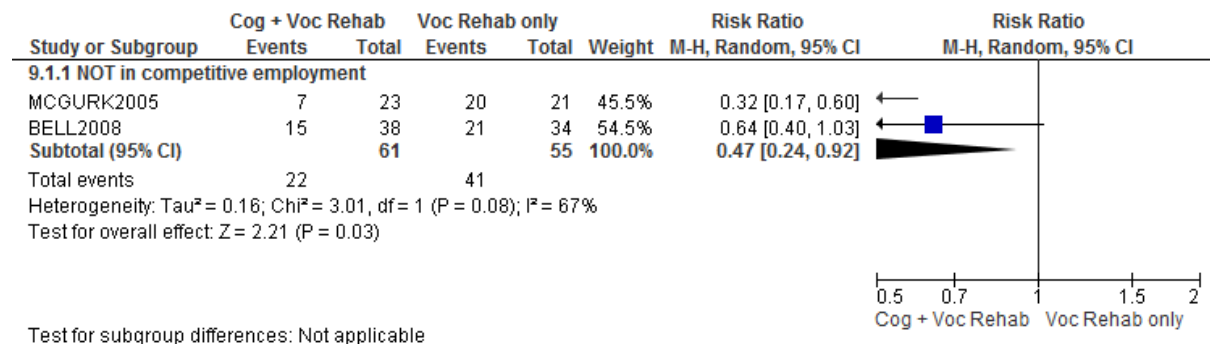
Employment (competitive) - end of intervention.



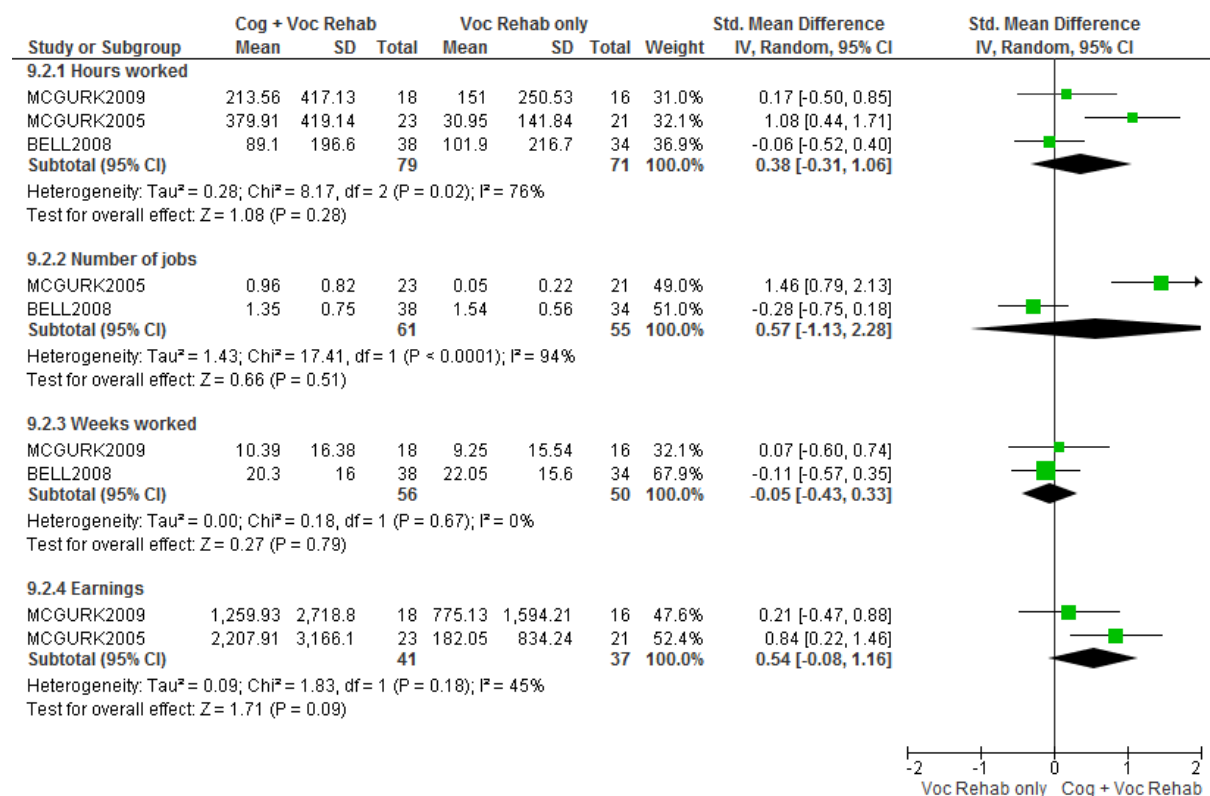
Test for subgroup differences: Not applicable

10.9 Cognitive remediation with vocational rehabilitation versus vocational rehabilitation alone

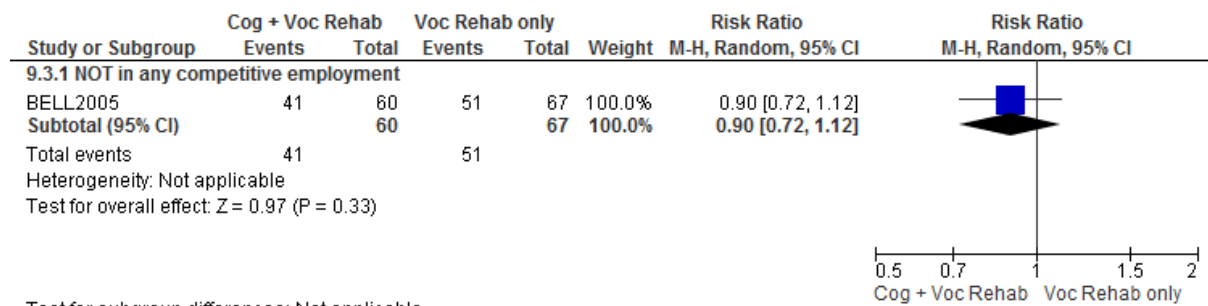
Employment (competitive) - end of intervention.



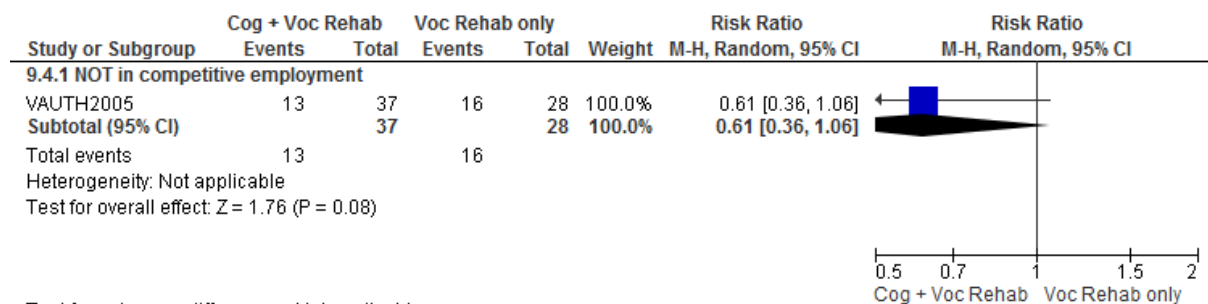
Employment (competitive)- end of intervention.



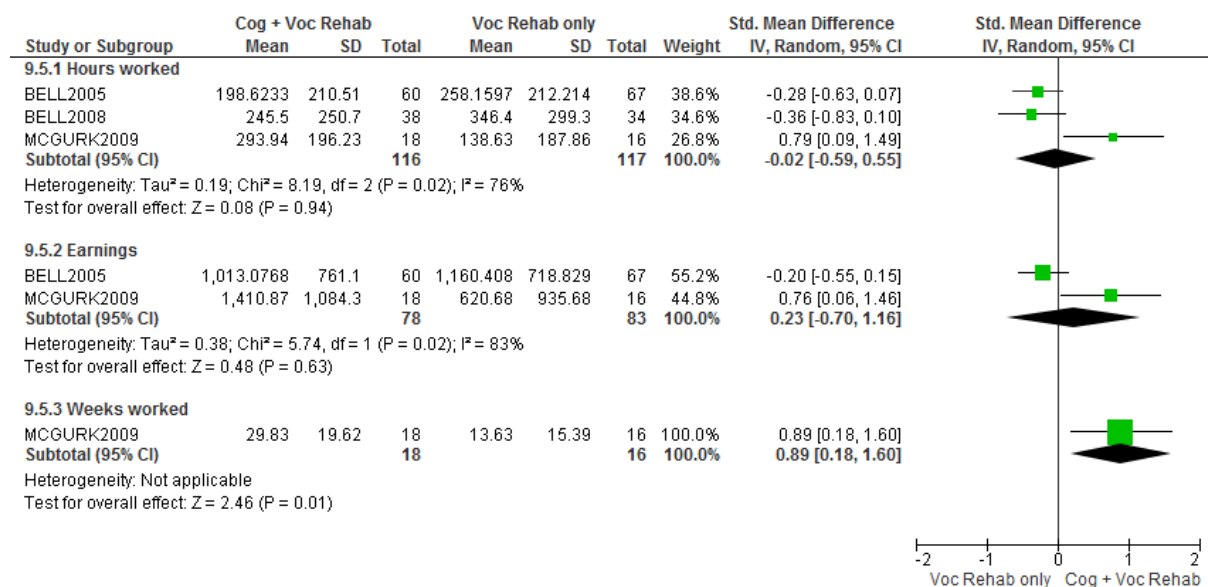
Employment (competitive) - up to 6 month follow-up.



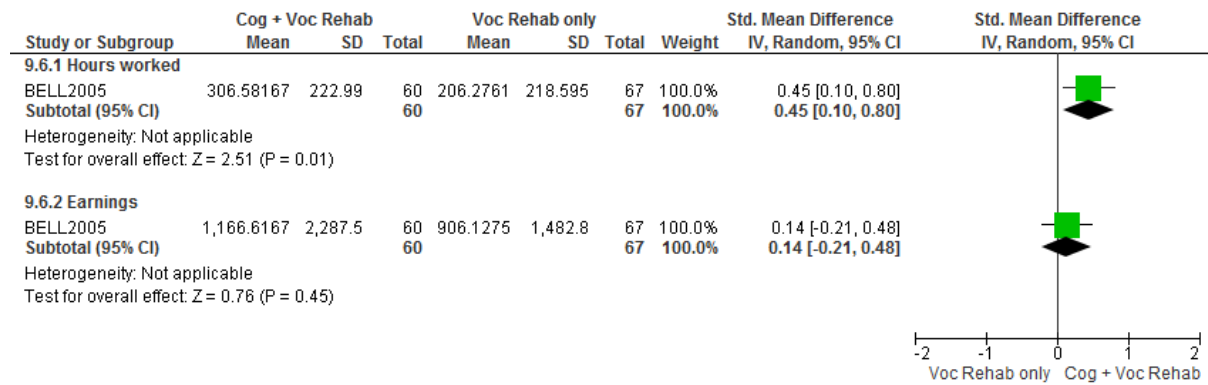
Employment (competitive) - up to 12 month follow-up



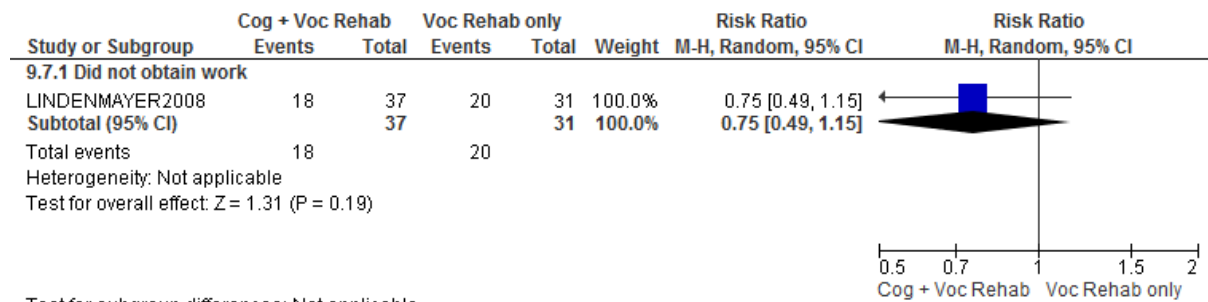
Occupation (any) - end of intervention.



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



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



Test for subgroup differences: Not applicable

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

