

OSAHs

E.1 Auto-CPAP versus fixed level CPAP- severe OSAHS

Figure 2: Machine usage (hours/night)

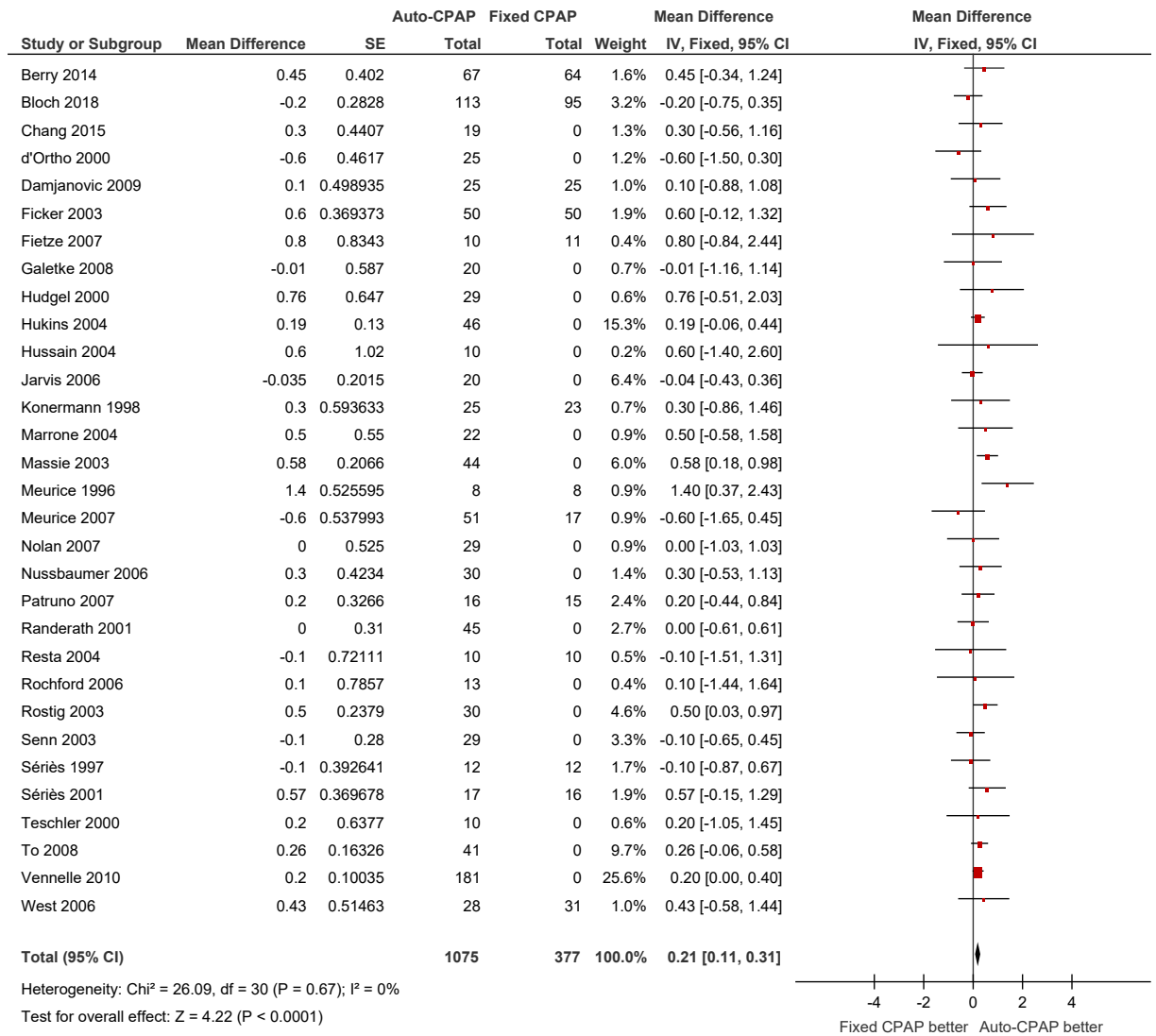


Figure 3: Number of participants who used CPAP therapy > 4 hours per night

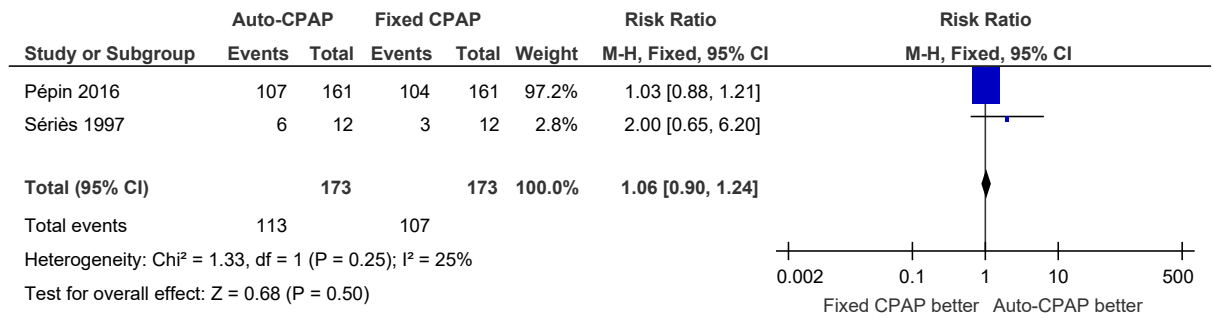


Figure 4: Symptoms (Epworth Sleepiness Scale) (0 to 24, higher is worse)

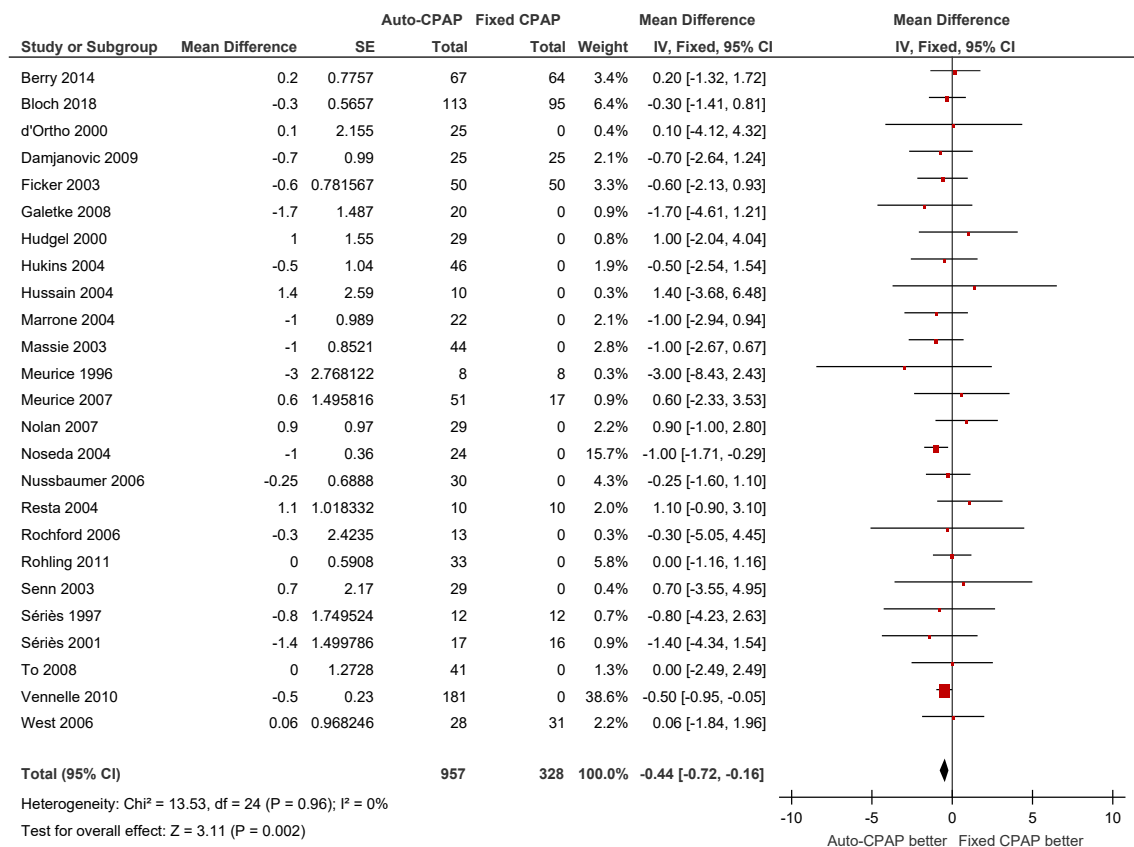


Figure 5: Withdrawals (parallel group trials/first arm crossover trials)

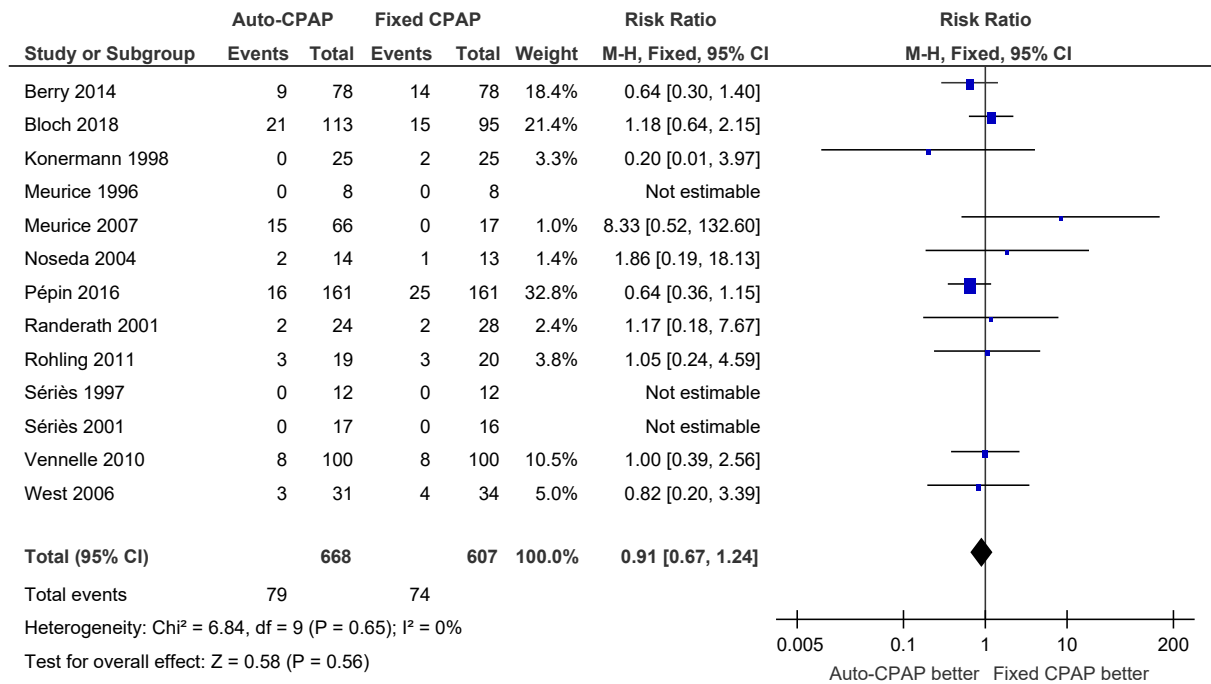


Figure 6: Quality of life (Functional Outcome of Sleep Questionnaire) (5-20, higher is better)

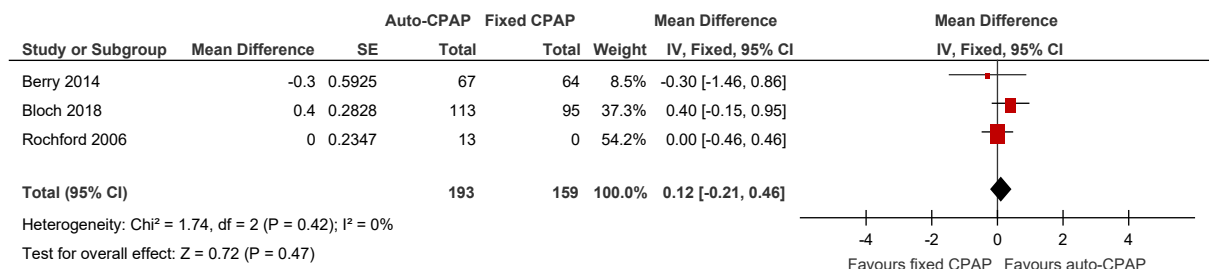


Figure 7: Quality of life (Sleep Association Quality of Life Index) (1-7, higher is better)

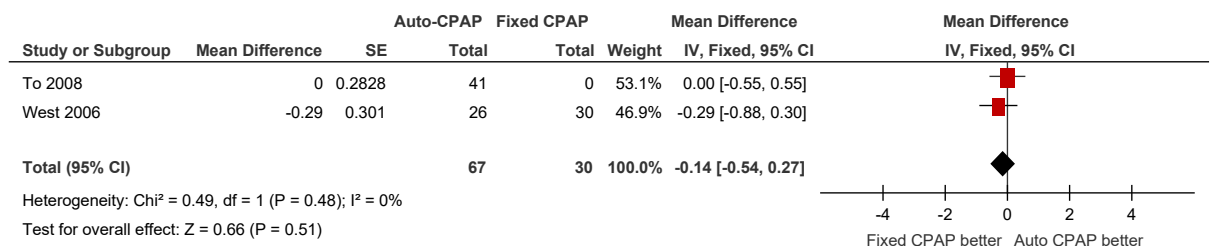


Figure 8: Quality of life (SF-36) (0-100, higher is better)

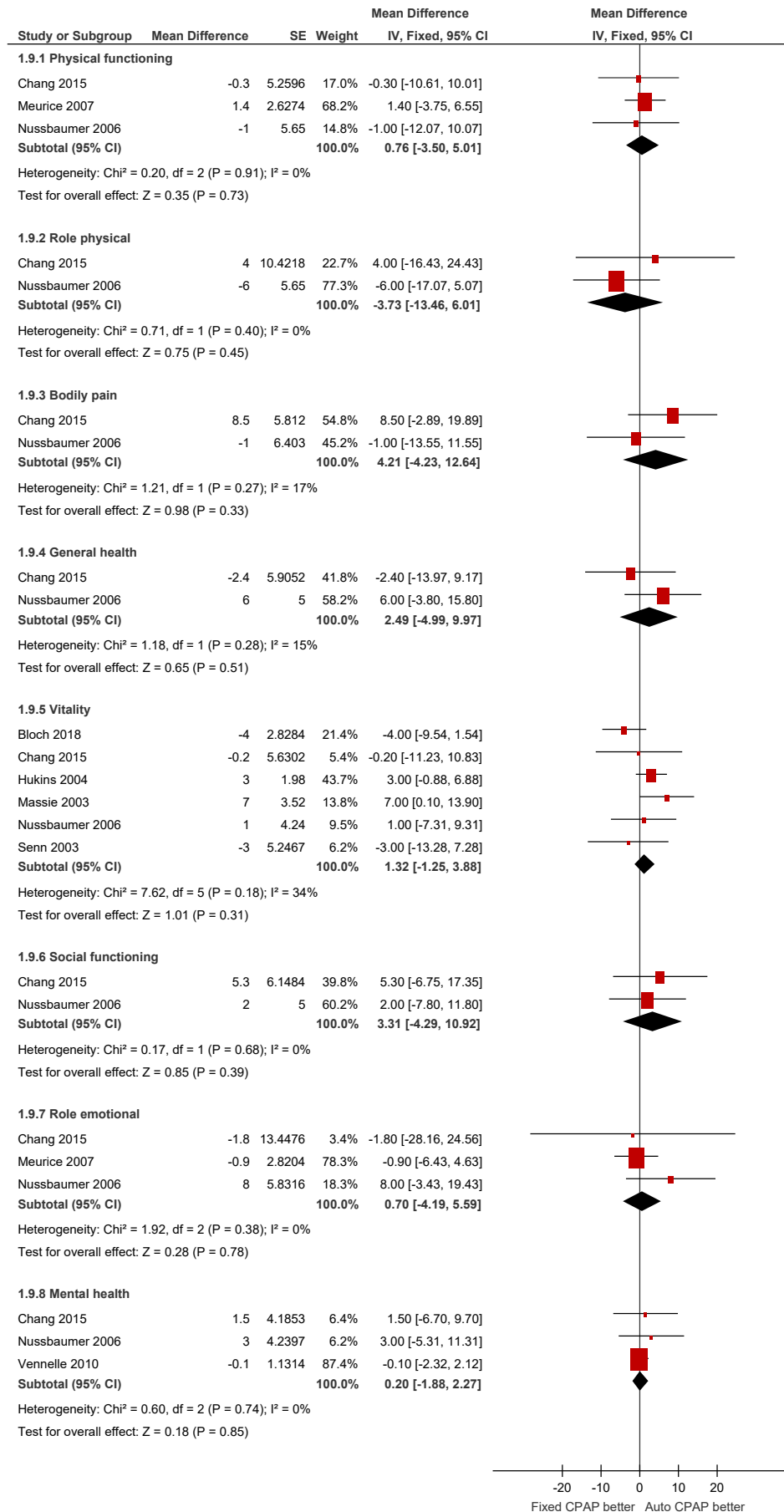


Figure 9: Apnoea Hypopnoea Index (events/hr) (lower is better)

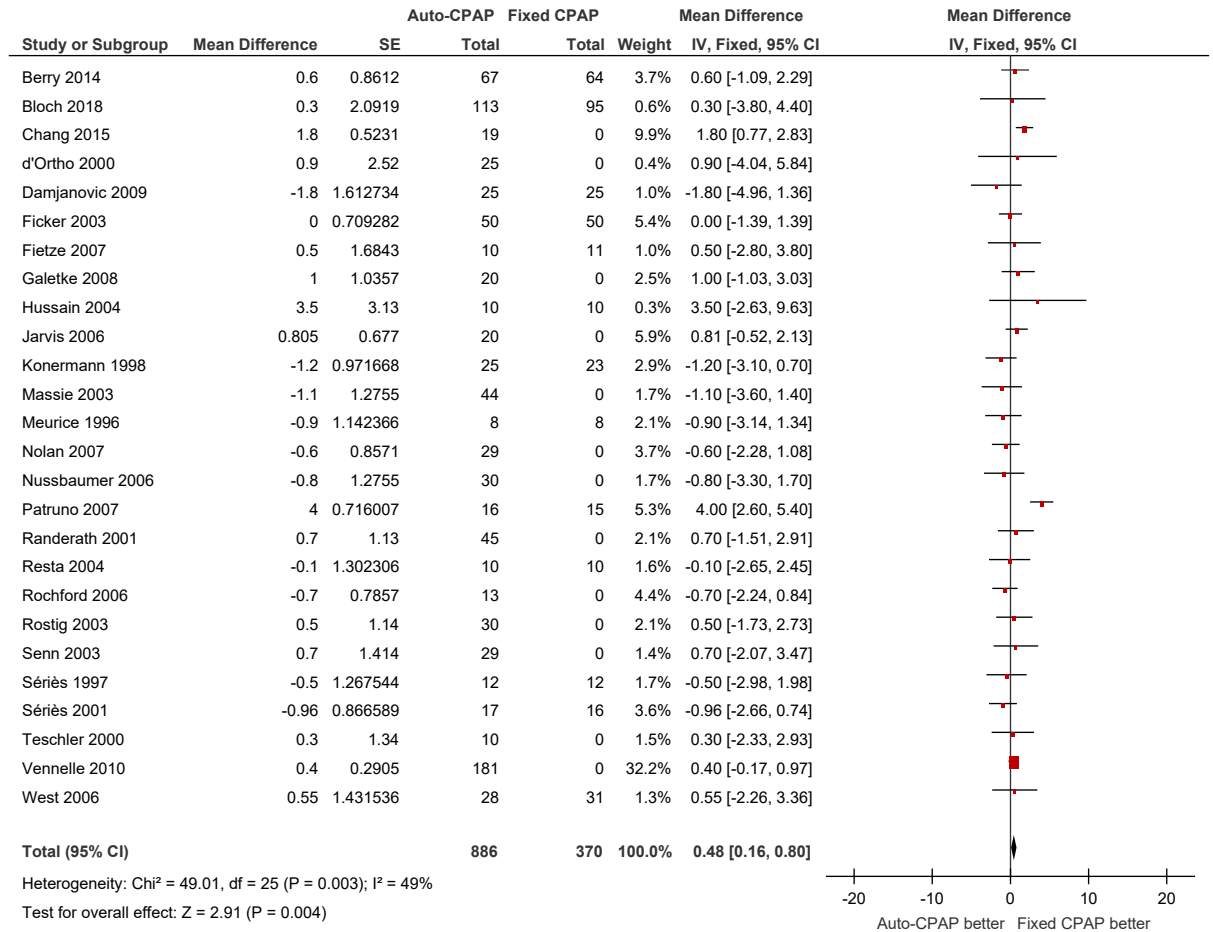


Figure 10: Arousals (events/hr)

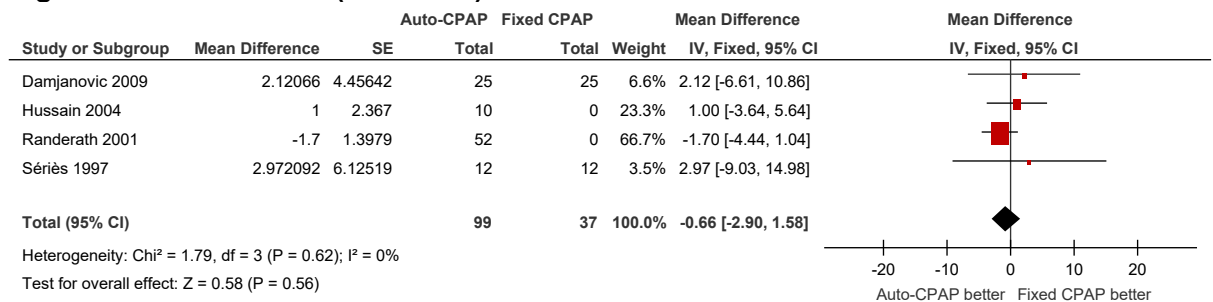


Figure 11: Pressure of CPAP treatment (cm H₂O)

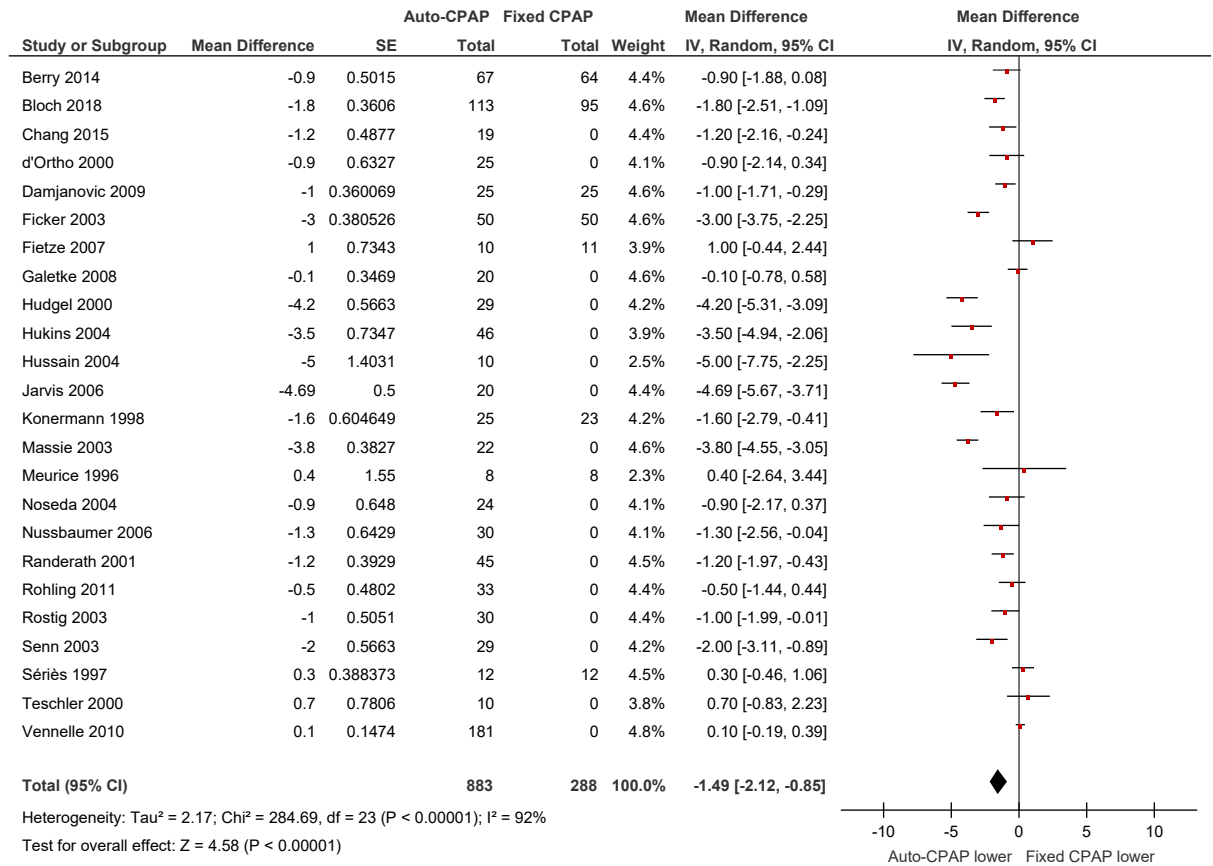


Figure 12: Systolic blood pressure [mmHg]

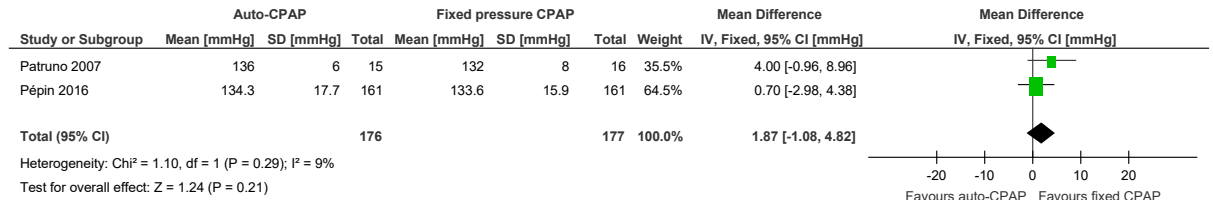


Figure 13: Diastolic blood pressure [mmHg]

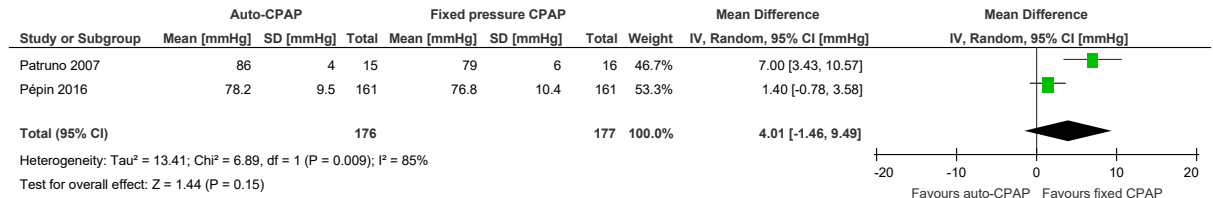


Figure 14: 24 hour mean BP

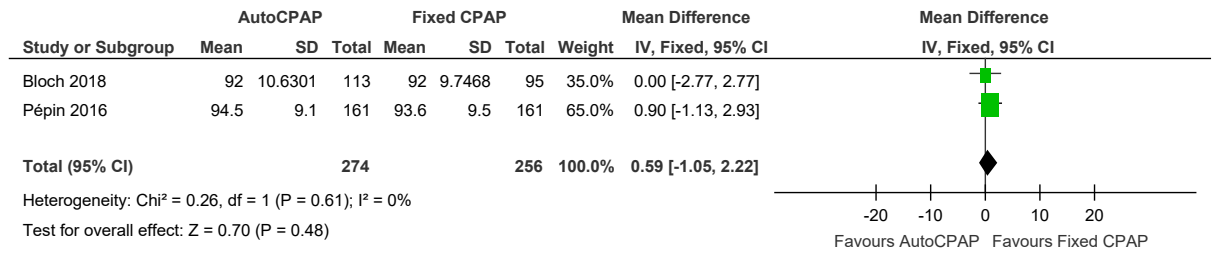


Figure 15: 24 hour systolic BP

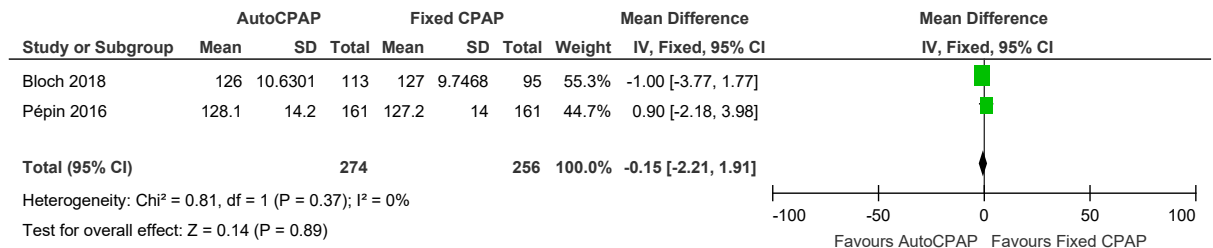


Figure 16: 24 hour diastolic BP

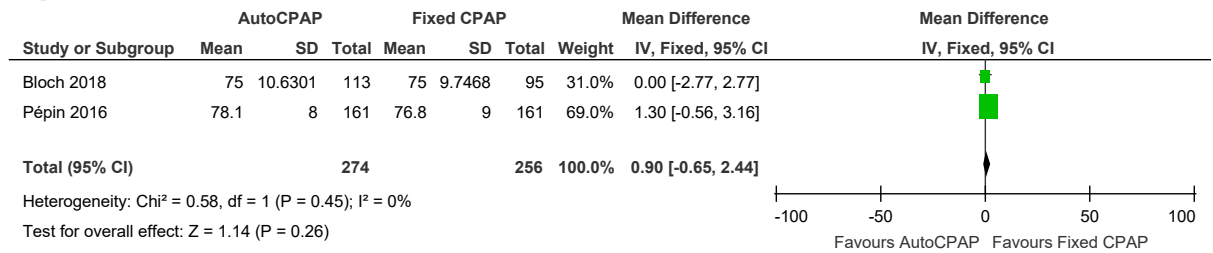


Figure 17: Tolerability outcomes

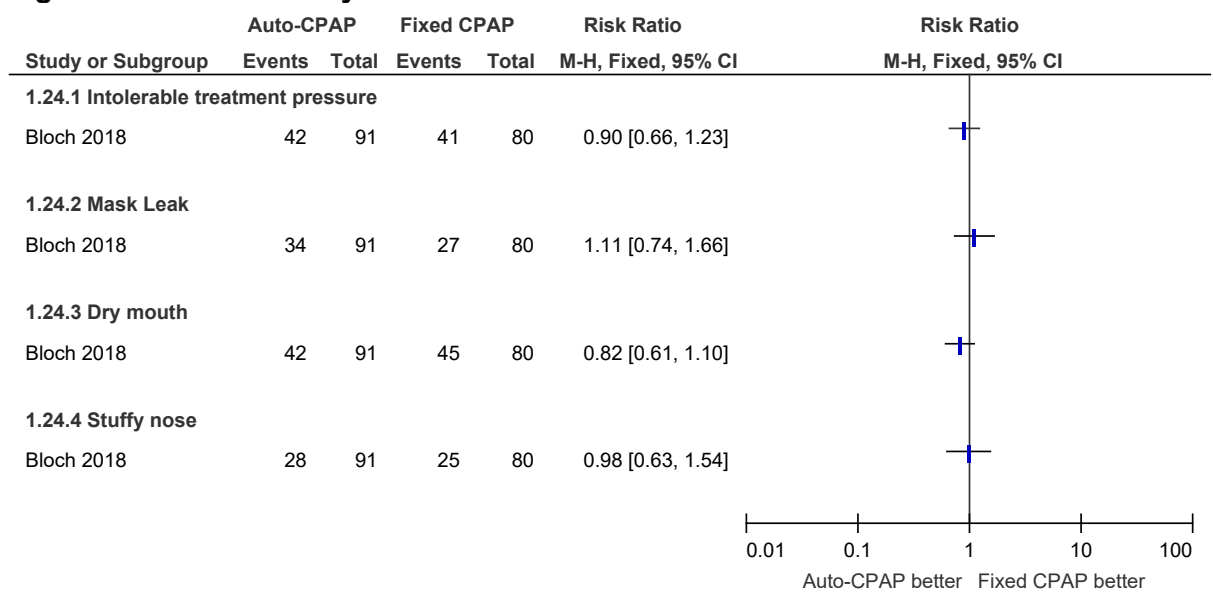
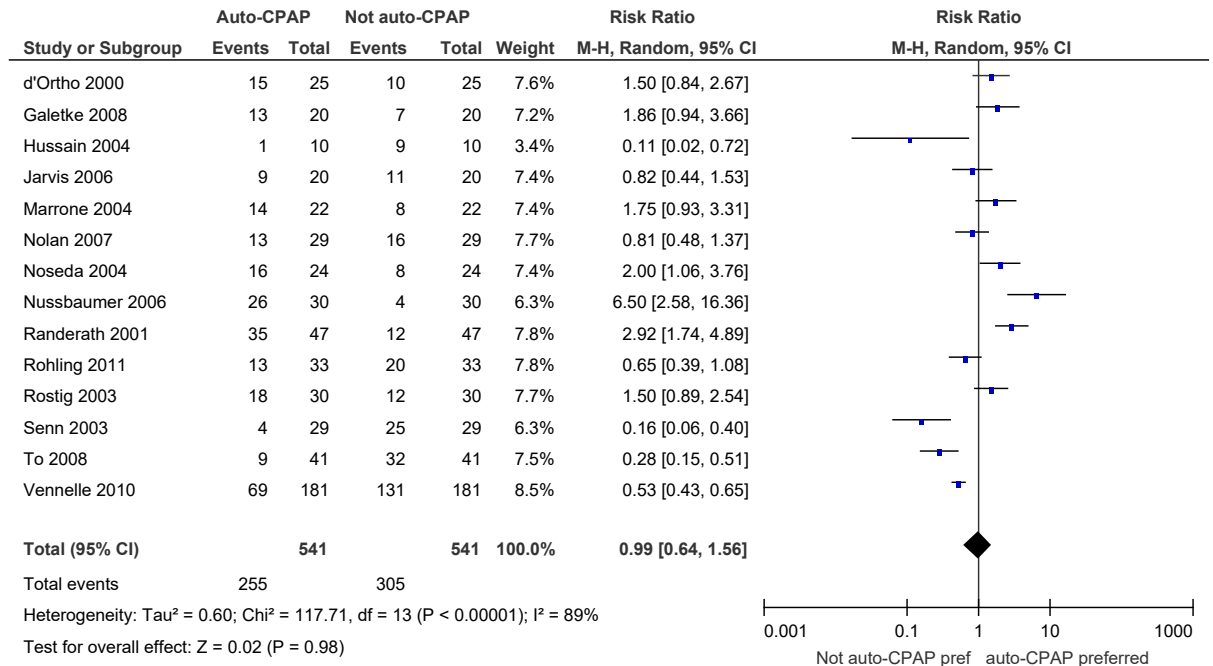


Figure 18: Patient preference (auto-CPAP/not auto-CPAP)



E.2 Non-invasive ventilation versus fixed level CPAP- severe OSAHS

Figure 19: Machine usage (hours/night) (higher is better)

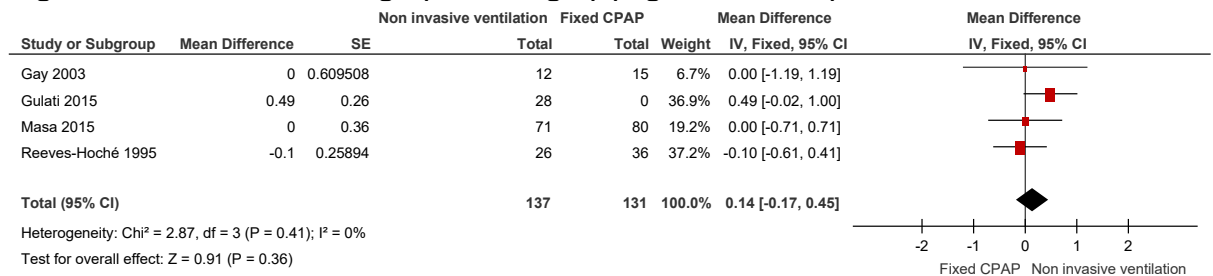


Figure 20: Symptoms (Epworth Sleepiness Scale) (0 to 24, higher is worse)

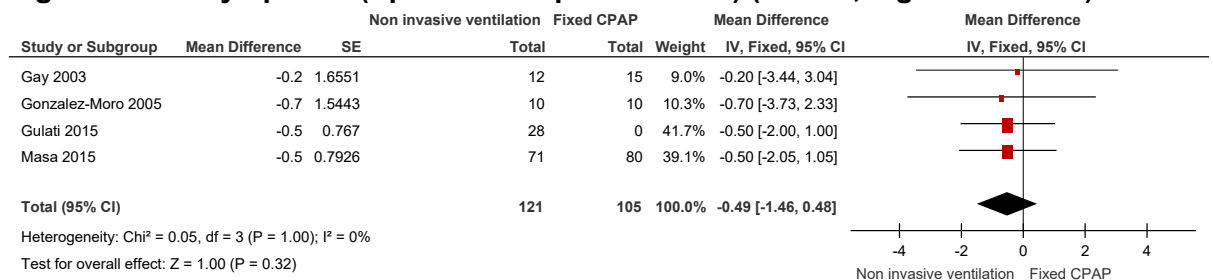


Figure 21: Withdrawals (parallel group trials/first arm cross-over trials)

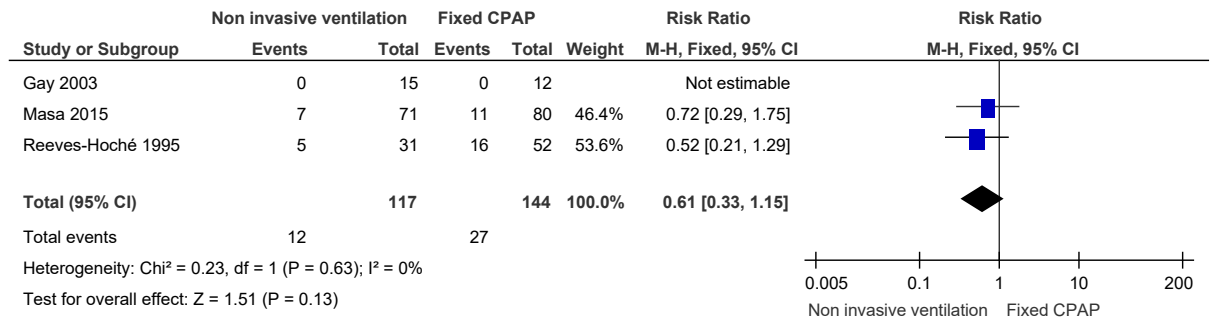


Figure 22: Quality of life (Functional Outcome of Sleep Questionnaire) (5-20, higher is better)

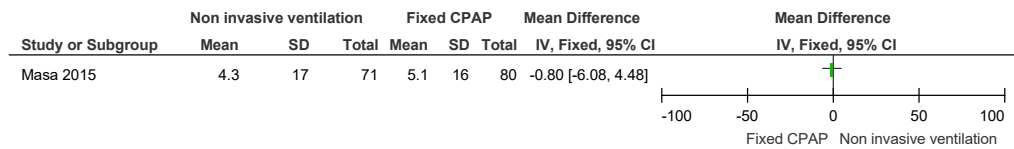


Figure 23: Quality of life (Sleep Association Quality of Life Index) (1-7, higher is better)

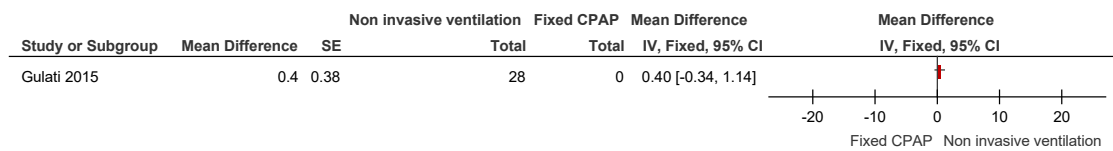


Figure 24: Quality of life (SF-36 questionnaire) (0-100, higher is better)

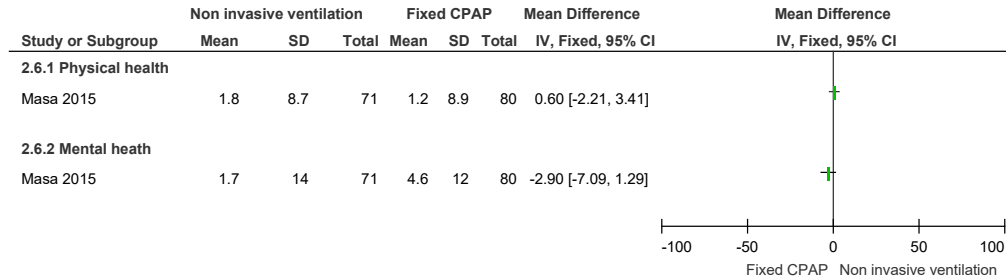


Figure 25: Apnoea Hypopnoea Index (events/hr) (lower is better)

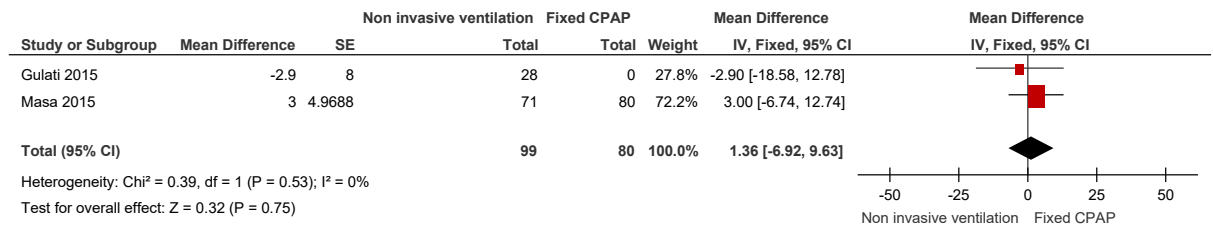


Figure 26: Patient preference – Non-invasive ventilation/no preference or CPAP

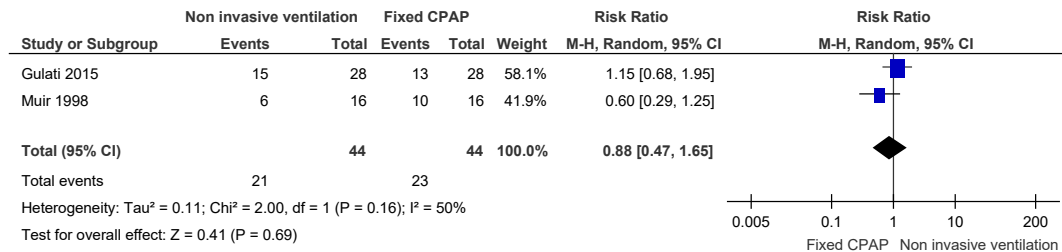


Figure 27: Tolerability outcomes (lower is better)

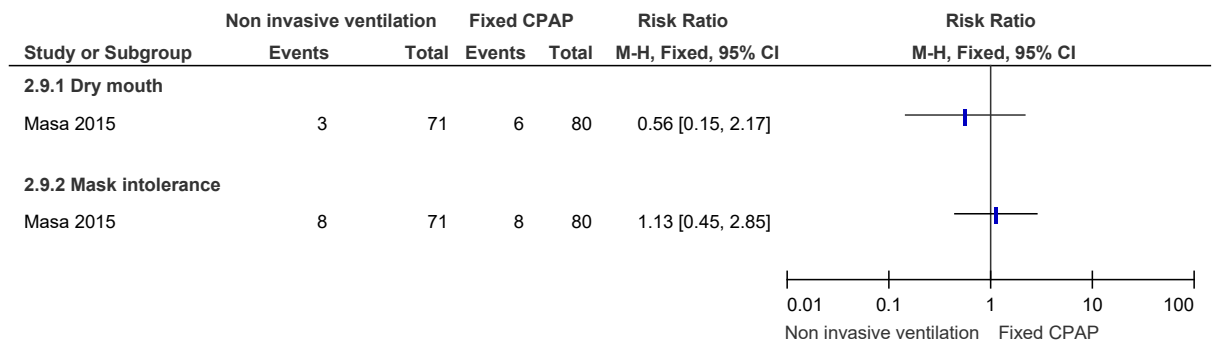
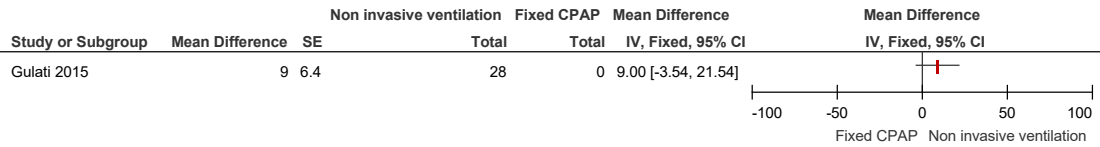


Figure 28: Treatment comfort score



E.3 Heated humidification + fixed level CPAP versus fixed level CPAP alone- severe OSAHS

Figure 29: Machine usage (hours/night) (higher is better)

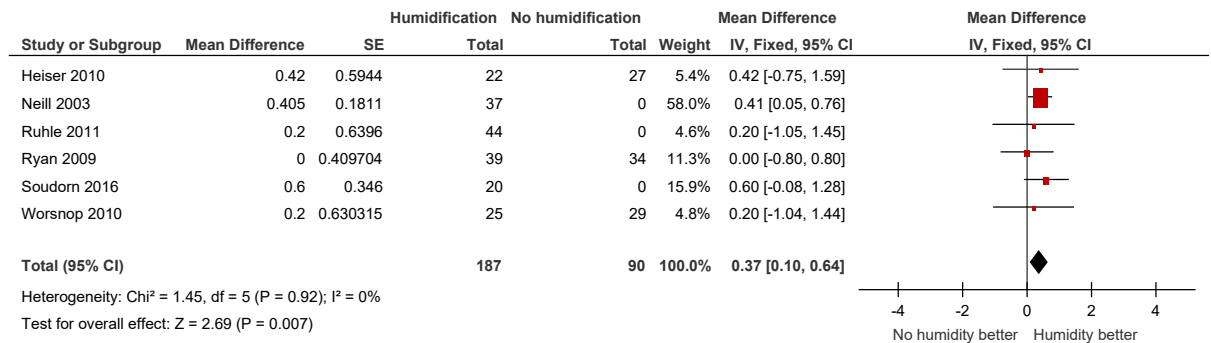


Figure 30: Symptoms (Epworth Sleepiness Scale) (0 to 24, higher is worse)

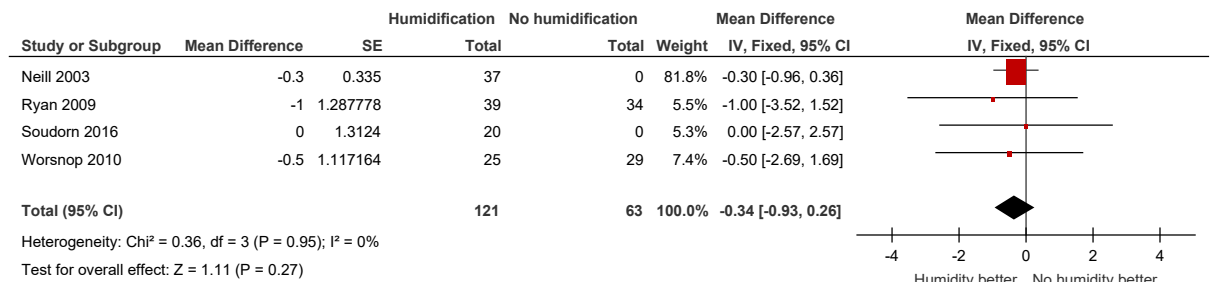


Figure 31: Withdrawals (parallel group trials/first arm cross-over trials)

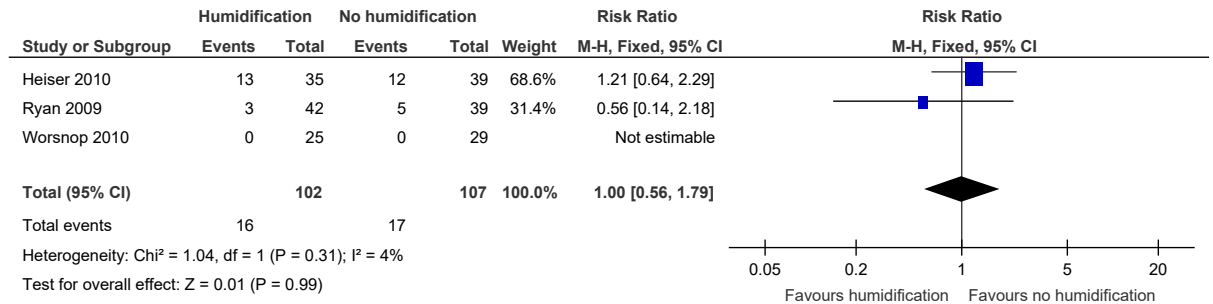


Figure 32: Apnoea Hypopnoea Index (events/hr) (lower is better)

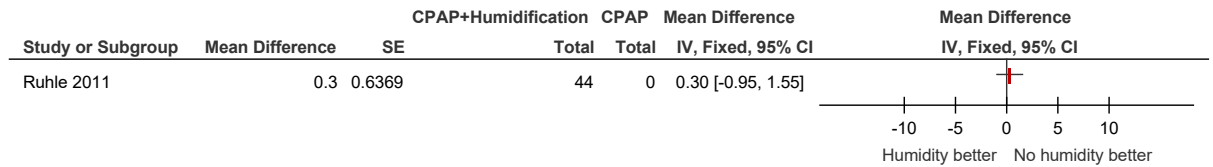


Figure 33: Quality of life (SF-36 questionnaire) [SF-36] (0-100 , higher is better)

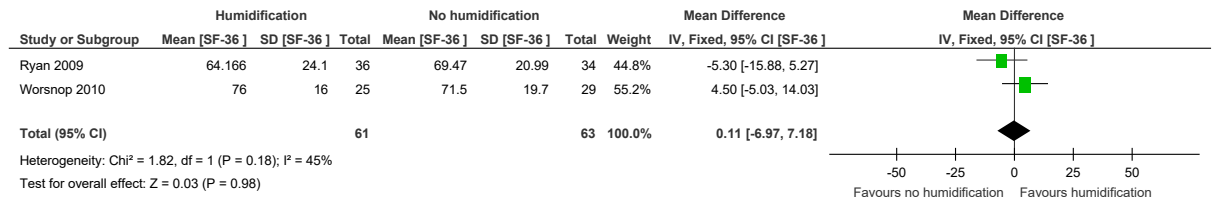


Figure 34: Nasal symptoms (parallel group trials) – dichotomous

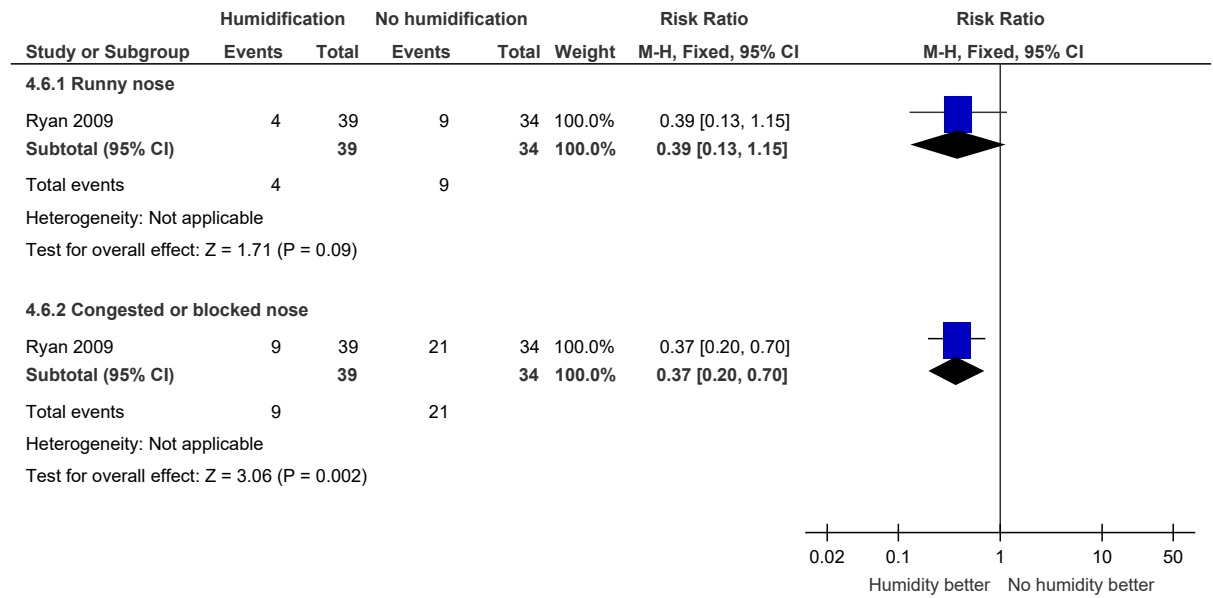


Figure 35: Nasal symptoms (parallel group trials) – number of days (continuous)

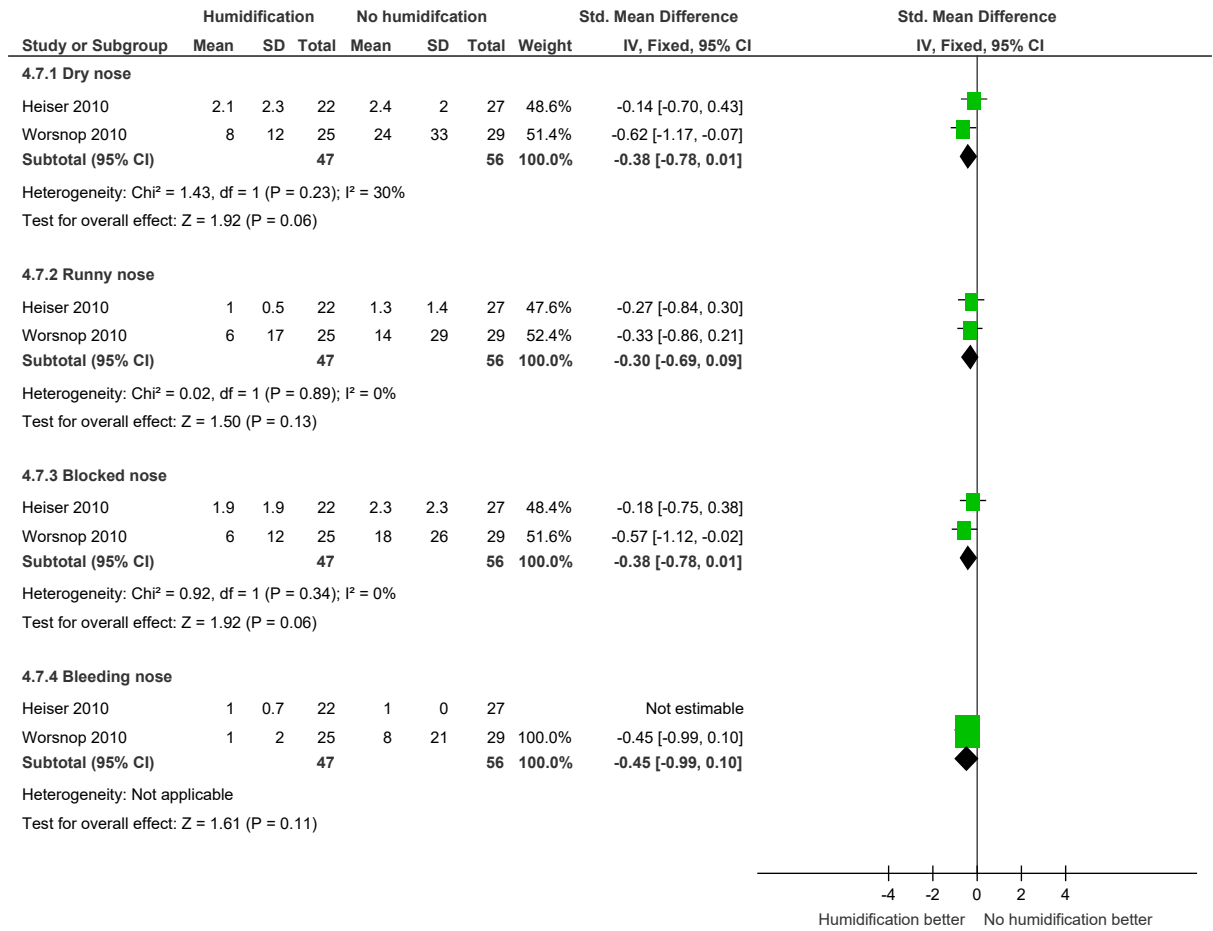


Figure 36: Preference

