

Supplementary Table 3. Risk of bias based on ROBINS-I assessment tool

The Risk of Bias in Non-Randomized Studies-of-Interventions (ROBINS-I) Assessment Tool		
Adriaanse et al. [18]		
Pre-intervention and at-intervention domains	Bias due to confounding	Moderate risk
	Bias in the selection of participants into the study	Moderate risk
	Bias in the classification of interventions	Low risk
Post-intervention domains	Bias due to deviations from intended intervention	Low risk
	Bias due to missing data	Low risk
	Bias in the measurement of outcomes	Low risk
	Bias in the selection of the reported result	Low risk
Interpretation of domain-level and overall risk of bias judgments	Within each domain	Low risk
	Across domains	Low risk
	Criterion	Low to moderate risk
Werlin et al. [20]		
Pre-intervention and at-intervention domains	Bias due to confounding	Low risk
	Bias in the selection of participants into the study	Low risk
	Bias in the classification of interventions	Moderate risk
Post-intervention domains	Bias due to deviations from intended intervention	Low risk
	Bias due to missing data	Low risk
	Bias in the measurement of outcomes	Low risk
	Bias in the selection of the reported result	Low risk
Interpretation of domain-level and overall risk of bias judgments	Low risk	Within each domain
	Low risk	Across domains
	Low to moderate risk	Criterion
Parisi et al. [10]		
Pre-intervention and at-intervention domains	Bias due to confounding	Low risk
	Bias in the selection of participants into the study	Low risk
	Bias in the classification of interventions	Low risk
Post-intervention domains	Bias due to deviations from intended intervention	Low risk
	Bias due to missing data	Low risk
	Bias in the measurement of outcomes	Low risk
	Bias in the selection of the reported result	Low risk
Interpretation of domain-level and overall risk of bias judgments	Within each domain	Low risk
	Across domains	Low risk
	Criterion	Low risk
Dhaliwal et al. [19]		
Pre-intervention and at-intervention domains	Bias due to confounding	Moderate risk
	Bias in the selection of participants into the study	Low risk
	Bias in the classification of interventions	Low risk
Post-intervention domains	Bias due to deviations from intended intervention	Low risk
	Bias due to missing data	Low risk
	Bias in the measurement of outcomes	Low risk
	Bias in the selection of the reported result	Low risk
Interpretation of domain-level and overall risk of bias judgments	Within each domain	Low risk
	Across domains	Low risk
	Criterion	Low to moderate risk
de Freitas et al. [22]		
Pre-intervention and at-intervention domains	Bias due to confounding	Low risk
	Bias in the selection of participants into the study	Low risk
	Bias in the classification of interventions	Low risk
Post-intervention domains	Bias due to deviations from intended intervention	Low risk
	Bias due to missing data	Low risk
	Bias in the measurement of outcomes	Low risk
	Bias in the selection of the reported result	Low risk
Interpretation of domain-level and overall risk of bias judgments	Within each domain	Low risk
	Across domains	Low risk
	Criterion	Low risk

Supplementary Table 3. Continued

The Risk of Bias in Non-Randomized Studies-of-Interventions (ROBINS-I) Assessment Tool		
Stallings et al. [21]		
Pre-intervention and at-intervention domains	Bias due to confounding	Low risk
	Bias in the selection of participants into the study	Low risk
	Bias in the classification of interventions	Low risk
Post-intervention domains	Bias due to deviations from the intended intervention	Low risk
	Bias due to missing data	Low risk
	Bias in the measurement of outcomes	Low risk
	Bias in the selection of the reported result	Low risk
Interpretation of domain-level and overall risk of bias judgments	Within each domain	Low risk
	Across domains	Low risk
	Criterion	Low risk