Supplementary Table 2: Risk of bias assessments using ROBINS-I assessment tool for interventions and pre-post research studies

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author(s) and year of publication | Due to confounding | Selection of participants into the study | Classification of interventions | Deviations from intended interventions | Missing data | Measurement of outcomes | Selection of the reported result | Overall Bias |
| Baggett et al (2018) | L | L | L | L | L | L | L | L |
| Baggett et al (2019) | L | L | L | L | L | L | L | L |
| Bonevski et al (2012) | L | L | L | L | M | L | L | M |
| Businelle et al (2013) | L | L | L | L | M | L | L | L |
| Businelle et al (2014) | L | M | L | L | L | L | L | L |
| Businelle et al (2015) | L | M | L | L | M | M | L | M |
| Carpenter et al (2015) | L | L | L | L | L | L | L | L |
| Connor et al (2014) | L | M | L | L | H | L | L | L |
| Okuyemi et al (2006) | L | L | L | L | L | L | L | L |
| Pinsker et al (2017) | L | L | L | L | M | L | L | L |
| Power et al (2015) | L | M | L | L | M | L | L | L |
| Reitzel et al (2014) | L | L | M | L | X | L | H | M |
| Reitzel et al (2014) | L | L | L | L | L | M | H | L |
| Robinson et al (2016) | L | L | L | L | X | L | L | L |
| Santa Ana et al (2016) | L | M | L | L | X | L | L | L |
| Segan et al (2015) | L | L | L | L | L | L | L | L |
| Shelley et al (2010) | L | L | L | L | M | L | L | L |
| Spector, Alpert & Karam-Hage (2007) | L | M | L | L | H | M | H | M |
| Vijayaraghavan, Guydish & Pierce (2016) | L | M | L | L | M | L | L | L |

L = Low risk of bias; M = moderate risk of bias; H = High risk of bias; X = No information