

**Table S5.** Risk of bias of cohort studies based on ROBINS-I tool, as proposed by Cochrane.

Study	D1	D2	D3	D4	D5	D6	D7	Overall judgement
	Bias due to confounding	Bias in selecting participants for the study	Bias in classifying interventions	Bias due to deviations from intended intervention	Bias due to missing data	Bias in measuring outcomes	Bias in selecting reported result	
von Arx et al. 2007 [14]	LOW	LOW	LOW	LOW	LOW	MODERATE <sup>c)</sup>	LOW	LOW
Kim E et al. 2008 [15]	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
Song et al. 2013 [51]	LOW	LOW	LOW	LOW	MODERATE <sup>a)</sup>	MODERATE <sup>c)</sup>	LOW	MODERATE
Song et al. 2013 [13]	LOW	LOW	LOW	LOW	LOW	MODERATE <sup>c)</sup>	LOW	LOW
Song et al. 2011 [26]	LOW	LOW	LOW	LOW	MODERATE <sup>a)</sup>	MODERATE <sup>c)</sup>	LOW	MODERATE
von Arx et al. 2012 [53]	LOW	LOW	LOW	LOW	LOW	LOW	LOW	LOW
Song et al. 2012 [9]	LOW	LOW	LOW	LOW	MODERATE <sup>a)</sup>	LOW	LOW	LOW
Lui et al. 2014 [10]	LOW	LOW	LOW	LOW	HIGH <sup>b)</sup>	LOW	LOW	HIGH
Song et al. 2018 [11]	LOW	LOW	LOW	LOW	LOW	MODERATE <sup>c)</sup>	LOW	LOW
Kim D et al. 2020 [54]	LOW	LOW	LOW	LOW	LOW	MODERATE <sup>c)</sup>	LOW	LOW
Huang et al. 2020 [52]	LOW	LOW	LOW	LOW	HIGH <sup>b)</sup>	LOW	LOW	HIGH
Yoo et al. 2020 [17]	LOW	LOW	LOW	LOW	HIGH <sup>b)</sup>	MODERATE <sup>c)</sup>	LOW	HIGH

<sup>a)</sup> Recall rate between 50% and 70%; <sup>b)</sup> Recall rate < 50%; <sup>c)</sup> The outcome assessors were not blind to the intervention received by study's participants.