

Appendix 4. Risk of bias screening results

Study	Domain 1	Domain 2	Domain 3	Domain 4	Domain 5	Overall
Bogosian et al. (2015)	Low	Some Concerns ^{d,f}	Low	High ^l	Some Concerns ⁿ	High
Cavalera et al. (2019)	Some Concerns ^b	High ^{d,e,f}	High ^{g,i}	Some Concerns ^k	High ^m	High
Hall et al. (2017)	Some Concerns ^{a,b}	Some Concerns ^{d,f}	Low	Some Concerns ^k	Some Concerns ⁿ	Some Concerns
Heckman et al. (2006)	Some Concerns ^b	Low	Some Concerns ^j	High ^l	Some Concerns ⁿ	High
Heckman et al. (2007)	Some Concerns ^{a,b}	Low	Low	Some Concerns ^k	Some Concerns ⁿ	Some Concerns
Heckman et al. (2013)	Some Concerns ^b	Low	High ^{h,i,g}	Some Concerns ^k	Some Concerns ⁿ	High
Hum et al. (2019)	Some Concerns ^b	Some Concerns ^{d,f}	High ^{g,i}	High ^l	Some Concerns ⁿ	High
Lepore et al. (2014)	Low	Low	Low	Some Concerns ^k	Some Concerns ⁿ	High
Marziali et al. (2006)	Some Concerns ^{a,b}	High ^{d,e}	High ^{g,h}	High ^l	Some Concerns ⁿ	High
Park et al. (2020)	High ^{b,c}	High ^{d,e,f}	High ^{g,i}	High ^l	Some Concerns ⁿ	High
Paxton et al. (2007)	Some Concerns ^b	Low	High ^{g,i}	High ^l	Some Concerns ⁿ	High
Thompson et al. (2010)	Some Concerns ^{a,b}	High ^{d,e,f}	High ^{g,h,i}	High ^l	Some Concerns ⁿ	High
Thompson et al. (2015)	Some Concerns ^{a,b,c}	Some Concerns ^{d,f}	High ^{g,h,i}	High ^l	Some Concerns ^m	High
Van der Zanden et al. (2012)	Some Concerns ^b	Some Concerns ^{d,f}	Low	High ^l	Some Concerns ⁿ	High
Vazquez et al. (2017)	Low	Some Concerns ^{d,f}	Some Concerns ^g	High ^l	Some Concerns ^m	High
Vranceanu	Some	Some	Low	Some	Some	Some

et al. (2016)	Concerns ^b	Concerns ^f		Concerns ^k	Concerns ⁿ	Concerns
Wakefield et al. (2016)	Low	High ^{d,e}	High ^{g,h,i}	High ^l	High ^m	High
Winter et al. (2007)	Some Concerns ^{a,b}	Some Concerns ^{d,e,f}	Some Concerns ^j	High ^l	Some Concerns ⁿ	High
Zale et al. (2018)	Some Concerns ^b	Some Concerns ^f	High ^{h,i}	Some Concerns ^k	Some Concerns ⁿ	High
Zernicke et al. (2014)	Low	Some Concerns ^{d,f}	Low	High ^l	Low	High
Zerwas et al. (2016)	Low	Some Concerns ^{d,f}	High ^{g,h}	High ^l	Some Concerns ⁿ	High