

Appendix 5

Table showing risk of bias across all domains for included studies.

Author, year	External validity			Internal validity						Overall external validity ROB	Overall internal validity ROB	Overall ROB
	A	B	C	D	E	F	G	H	I			
Abukhdeir 2013(77)	Yes	Unclear	Yes	No	Yes	NA	Yes	Yes	No	Low	High	High
Adrega 2018(71)	No	No	NA	Yes	No	No	Yes	Unclear	Yes	High	High	High
An 2015(50)	No	No	NA	Yes	No	No	Yes	Yes	Yes	High	High	High
Anon. 2010(109)	Yes	Yes	No	Yes	Yes	Unclear	NA	No	Yes	High	High	High
Balcilar 2016(79)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Low	Low	Low
Burger 2019(61)	No	No	NA	Yes	No	No	Yes	Unclear	Yes	High	High	High
Burton 2009(60)	No	NA	NA	No	Yes	No	Yes	Yes	Yes	High	Low	High
Cetorelli 2017(68)	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Low	High	High
Chahda 2015(80)	No	Yes	Yes	Yes	No	No	Yes	Unclear	Yes	High	High	High
Doocy 2013(63)	No	Yes	Yes	No	No	No	Yes	Unclear	Yes	High	High	High
Doocy 2015(82)	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Low	High	High
Doocy 2016 Jordan(89)	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	Low	High	High
Doocy 2016 Lebanon(83)	No	Yes	Yes	No	Yes	No	Yes	Yes	No	High	High	High
Doocy 2018(81)	No	No	No	Yes	No	Unclear	Yes	Yes	Yes	High	High	High
Dudova 2015(69)	No	Yes	NA	No	No	No	Yes	Unclear	Yes	High	High	High
Ebner 2016(38)	No	Yes	NA	No	No	No	Yes	No	Yes	High	High	High
Eryurt 2019(84)	Yes	Yes	NA	Yes	Yes	Yes	Yes	No	No	High	High	High
Furusawa 2011(36)	Yes	Yes	NA	Yes	No	No	Yes	No	No	High	High	High
Gomez 2009(51)	No	Yes	NA	No	No	No	NA	Unclear	No	High	High	High
Gomez-Restrepo 2015(35)	Unclear	No	NA	Yes	Yes	No	Yes	Unclear	Yes	High	High	High
Greenough 2008(52)	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Low	High	High

Hayashi 2017 (39)	No	Yes	NA	No	No	No	Yes	No	Yes	High	High	High
Hoshide 2019 (40)	No	No	NA	Yes	Yes	Yes	Yes	Yes	Yes	High	Low	High
Hurricane Katrina Community Advisory Group 2007 (53)	Yes	Yes	No	Yes	No	No	Yes	Unclear	No	High	High	High
Islam 2008 (54)	No	NA	No	Yes	Yes	Yes	Yes	Yes	Yes	High	Low	High
Jen 2015 (31)	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	High	Low	High
Kayali 2019 (90)	No	Yes	NA	No	Yes	No	Yes	NA	Yes	High	High	High
Khader 2012 (73)	No	Yes	NA	No	Yes	No	Yes	NA	Yes	High	High	High
Khader 2014 (72)	No	Yes	NA	No	Yes	No	Yes	NA	Yes	High	High	High
Krol 2007 (55)	No	Yes	NA	No	No	No	Yes	Unclear	Yes	High	High	High
Krousel-Wood, 2008 (56)	No	No	NA	Yes	Yes	Yes	Yes	NA	Yes	High	Low	High
Lafta 2016 (65)	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	High	High	High
Lin 2015 (91)	No	No	NA	Yes	No	No	Yes	Unclear	Yes	High	High	High
Lipsitz 2010 (70)	No	Yes	NA	No	No	No	Yes	Yes	No	High	High	High
Maldari 2019 (34)	No	No	Yes	Yes	No	No	Yes	Unclear	No	High	High	High
Mateen 2012 (64)	No	No	NA	No	Yes	No	NA	Unclear	Yes	High	High	High
Mobula 2016 (78)	No	Yes	NA	No	No	No	yes	yes	No	High	High	High
Mousa 2010 (74)	No	Yes	NA	Yes	No	No	Yes	No	Yes	High	High	High
Nagai 2018 (41)	No	Yes	NA	No	No	No	Yes	No	Yes	High	High	High
Nomura 2016 (42)	No	Yes	NA	No	No	No	Yes	No	Yes	High	High	High
Ohira 2016 (43)	No	Yes	NA	No	Yes	Yes	Yes	Yes	Yes	High	Low	High
Prueksaritanond 2007 (62)	No	No	NA	Yes	No	No	NA	Unclear	Yes	High	High	High
Rehr 2018 (85)	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Low	High	High
Renzaho 2014 (33)	No	No	NA	Yes	Yes	No	Yes	Yes	Yes	High	Low	High
Rodriguez 2006 (57)	No	No	NA	Yes	No	No	Yes	Unclear	No	High	High	High
Saadeh 2015 (75)	No	yes	NA	No	No	No	Yes	Yes	Yes	High	High	High
Sakai 2017 (44)	No	Yes	NA	No	No	No	Yes	Yes	No	High	High	High
Saleh 2018 (76)	No	Yes	Yes	Yes	No	No	Yes	No	Yes	High	High	High
Satoh 2016 (45)	No	Yes	NA	Yes	Yes	No	Yes	Yes	No	High	High	High
Shiba 2019 (46)	Yes	No	No	Yes	Yes	No	Yes	Yes	Yes	High	High	High
Suda 2019 (47)	No	Yes	NA	No	Yes	Unclear	Yes	Unclear	No	High	High	High
Sun 2013 (92)	Yes	Yes	NA	Yes	No	No	Yes	Yes	Yes	High	High	High
Takahashi 2016 (48)	No	Yes	NA	Yes	No	No	Yes	Unclear	Yes	High	High	High

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Taylor 2014(32)	No	Yes	No	Yes	No	No	Yes	Unclear	No	High	High	High
Toda 2017(49)	No	Yes	NA	Yes	Yes	Yes	Yes	Yes	Yes	High	Low	High
UNHCR 2014(87)	Yes	No	Yes	Unclear	No	No	Yes	Unclear	Yes	High	High	High
Vanasse 2016(37)	Yes	Yes	NA	No	No	No	Yes	Yes	Yes	Low	High	High
Vernier 2019(88)	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Low	High	High
Vest 2006(58)	No	Yes	No	Yes	No	No	Yes	Unclear	Yes	High	High	High

A= Was the sampling frame a true or close representation of the target population?

B= Was some form of random selection used to select the sample, or was a census undertaken?

C= Was the likelihood of non-response bias minimal?

D= Were data collected directly from the subjects (as opposed to a proxy)?

E= Was an acceptable case definition used?

F= Was the study instrument that measured the parameter of interest shown to have reliability and validity?

G= Was the same mode of data collection used for all subjects?

H= Was the length of the shortest prevalence period for the parameter of interest appropriate?

I= Were the numerator and denominator for the parameter of interest appropriate?