

Table S2 : Risk of bias analysis

Study	Risk of bias							Overall
	D1	D2	D3	D4	D5	D6	D7	
Stovund 1991	Low	Low	Low	Low	Low	Low	Low	Low
Pattarasirwong 2018	Low	Low	Low	Low	Low	Low	Low	Low
Harrison 1992	Low	Unclear	High	Low	Low	Low	Low	High
Akhtar 2020	Low	Low	High	Low	Low	Low	Low	High
Rozaci 2014	Low	Low	Low	Low	Low	Low	Low	Low
Acharyapota 2008	Low	Low	Low	Low	Low	Low	Low	Low
Dodd 2004	Low	Low	Low	Low	Low	High	Low	Low
Wilarusmee 2008	Low	Low	Low	Low	Low	Low	Low	Low
Facchinetti 2005	Low	Low	Low	Low	Low	Low	Low	Low
Lim 2008	Low	Low	Low	Low	Low	Low	Low	Low
Suhrabi 2013	Low	Low	High	Low	Low	Low	Low	High
Altunçü 2012	Low	Low	High	Low	Low	Low	Low	High
Yildizhan 2009	Low	Low	Low	Low	Low	Low	Low	High
Ijaz 2021	Low	Low	High	Low	Low	Low	Low	Low
Akli 2014	Low	Low	Low	Low	Low	Low	Low	Low
Peter 2001	Low	Low	Low	Low	Low	Low	Low	Low
Laffi 2021	Low	Low	Low	Low	Low	Low	Low	Low
Abboud 1994	Low	Low	Low	Low	Low	Low	Low	Low
Niv 1994	Low	Low	Low	Low	Low	Low	Low	Low
Macdonald 1984	Low	Low	Low	Low	High	Low	Low	High
PeraSolano 2012	Low	Low	Low	Low	Low	Low	Low	Low
Assaoui 2008	Low	Low	Low	Low	Low	Low	Low	Low
Schinkel 2010	Low	Low	Low	Low	Low	Low	Low	Low
Cantallac 2022	Low	Low	Low	Low	Low	Low	Low	Low
Bhatta 2017	Low	Low	Low	Low	Low	Low	Low	Low
Pawenna 2020	Low	Low	Low	Low	Low	Low	Low	Low
Khwanwong 2020	Low	Low	Low	Low	Low	Low	Low	Low
Dongfeng 2020	Low	Low	Low	Low	Low	Low	Low	Low
Khan 1987	Low	Low	High	Low	Low	Low	Low	High
Sopkin 2002	Low	Low	High	High	Low	Low	Low	High
Kalali 2008	Low	High	High	Low	Low	Low	Low	High
Tay 1999	Low	Low	High	High	Low	Low	Low	High
Deisram 2016	Low	Low	High	Low	Low	Low	Low	High
Mantre 2015	Low	Low	High	Low	Low	Low	Low	Low
Golezar 2016	Low	Low	Low	Low	Low	Low	Low	Low
Cheahfar 2022	Low	Low	Low	Low	Low	Low	Low	Low
Aradmehr 2017	Low	Low	Low	Low	Low	Low	Low	Low
Hajhashemi 2016	Low	Low	High	Low	Low	Low	Low	High
Mohammad 2014	Low	Low	Low	Low	Low	Low	Low	Low
Toomari 2021	Low	High	Low	Low	Low	Low	Low	Low
Kaviani 2017	Low	Low	High	Low	Low	Low	Low	High
Lavafi 2018	Low	Low	Low	Low	Low	Low	Low	Low
Asgharikhatoon 2015	Low	Low	Low	Low	Low	Low	Low	Low
Dorbati 2018	Low	Low	High	High	Low	Low	Low	High
Vasilova 2019	Low	Low	High	High	Low	Low	Low	High
Moudi 2018	Low	Low	High	Low	Low	Low	Low	High
SoltKianca 2020	Low	Low	High	Low	Low	Low	Low	Low
Francisco 2018	Low	Low	High	Low	Low	Low	Low	Low
Leventhal 2011	Low	Low	Low	Low	Low	Low	Low	Low
Beleza 2011	Low	Low	High	High	Low	Low	Low	Low
Steen 2000	Low	Low	High	High	Low	Low	Low	Low
Steen 2007	Low	Low	High	High	Low	Low	Low	Low
Naviba 2009	Low	Low	High	High	Low	Low	Low	High
Jaid 2019	Low	Low	High	High	Low	Low	Low	High
Kwan 2014	Low	Low	High	Low	Low	Low	Low	Low
Pitangui 2012	Low	Low	High	Low	Low	Low	Low	Low
Zakariaco 2019	Low	High	High	Low	Low	Low	Low	Low
Breille 2020	Low	Low	Low	Low	Low	Low	Low	Low
Chougala 2015	Low	Low	High	Low	Low	Low	Low	Low
Lundquist 2000	Low	Low	High	High	Low	Low	Low	Low
Florming 2003	Low	Low	High	Low	Low	Low	Low	Low
Swenson 2019	Low	Low	High	Low	Low	Low	Low	Low
Qurat Ull Ain 2022	Low	Low	High	Low	Low	Low	Low	High
Ordjk 2017	Low	Low	Low	Low	Low	Low	Low	Low
Lalromant 2023	Low	Low	High	High	Low	Low	Low	Low
Devi 2023	Low	Low	Low	Low	Low	Low	Low	Low
Mota 2009	Low	Low	High	High	Low	Low	Low	High
Alesi 2020	Low	Low	High	Low	Low	Low	Low	Low
Bowen 2002	High	High	High	Low	Low	Low	Low	High

D1: Sequence generation
D2: Allocation concealment
D3: Blinding of participants and personnel
D4: Blinding of outcome assessment
D5: Incomplete outcome data
D6: Selective reporting
D7: Other sources of bias

Judgment
High
Unclear
Low

