

Supplementary Table 2. Bias assessment for non-randomized studies using Risk of Bias Assessment Tool for Non-randomized Studies

Article	Year	Selection of participants	Confounding variables	Measurement of intervention (exposure)	Blinding of outcome assessment	Incomplete outcome data	Selective outcome reporting
Bekki	2020	Low	Unclear	Low	Unclear	Low	Low
Cai	2020	Low	Unclear	Low	Unclear	Low	Low
Chen	2020	Low	Unclear	Low	Unclear	Low	Low
Chen	2020	Low	Unclear	Low	Unclear	Low	Low
Choi	2020	Low	Unclear	Low	Unclear	Low	Low
Clark	2020	Low	Unclear	Low	Unclear	Low	Low
Cloyd	2020	Low	Unclear	Low	Unclear	Low	Low
D'Hondt	2020	Low	Unclear	Low	Unclear	Low	Low
Hu	2020	Low	Unclear	Low	Unclear	Unclear	Low
Huang	2020	Low	Unclear	Low	Unclear	Low	Low
Jia	2020	Low	Unclear	Low	Unclear	Low	Low
Ju	2020	Low	Unclear	Low	Unclear	Low	Low
Kabir	2020	Low	Unclear	Low	Unclear	Low	Low
Kim	2020	Low	Unclear	Low	Unclear	Low	Low
Lee	2020	Low	Unclear	Low	Unclear	Low	Low
Machado	2020	Low	Unclear	Low	Unclear	Low	Low
Martel	2020	Low	Unclear	Low	Unclear	Low	Low
Saad	2020	Low	Unclear	Low	Unclear	Low	Low
Shen	2020	Low	Unclear	Low	Unclear	Unclear	Low
Shin	2020	Low	Unclear	Low	Unclear	Low	Low
Sucandy	2020	Low	Unclear	Low	Unclear	Low	Low
Tabath	2020	Low	Unclear	Low	Unclear	Low	Low
Tai	2020	Low	Unclear	Low	Unclear	Low	Low
Tee	2020	Low	Unclear	Low	Unclear	Low	Low
Tian	2020	Low	Unclear	Low	Unclear	Low	Low
Wang	2020	Low	Unclear	Low	Unclear	Low	Low
Wang	2020	Low	Unclear	Low	Unclear	Low	Low
Yi	2020	Low	Unclear	Low	Unclear	Low	Low
Zhang	2020	Low	Unclear	Low	Unclear	Low	Low
Zhao	2020	Low	Unclear	Low	Unclear	Low	Low
Zheng	2020	Low	Unclear	Low	Unclear	Low	Low
Zhou	2020	Low	Unclear	Low	Unclear	Low	Low
Machado	2021	Low	Unclear	Low	Unclear	Low	Low
Al Khaldi	2021	Low	Unclear	Low	Unclear	Unclear	Low
Aoki	2021	Low	Unclear	Low	Unclear	Low	Low
Bednarsch	2021	Low	Unclear	Low	Unclear	Low	Low
Boillot	2021	Low	Unclear	Low	Unclear	Low	Low
Fagenson	2021	Low	Unclear	Low	Unclear	Low	Low
Galun	2021	Low	Unclear	Low	Unclear	Low	Low
Goh	2021	Low	Unclear	Low	Unclear	Low	Low
Hobeika	2021	Low	Unclear	Low	Unclear	Low	Low
Hue	2021	Low	Unclear	Low	Unclear	Low	Low
Inoue	2021	Low	Unclear	Low	Unclear	Low	Low
Ke	2021	Low	Unclear	Low	Unclear	Low	Low
Kim	2021	Low	Unclear	Low	Unclear	Low	Low
Li	2021	Low	Unclear	Low	Unclear	Low	Low
Li	2021	Low	Unclear	Low	Unclear	Low	Low
Lopez-Lopez	2021	Low	Unclear	Low	Unclear	Low	Low
Lv	2021	Low	Unclear	Low	Unclear	Low	Low
Mahamid	2021	Low	Unclear	Low	Unclear	Unclear	Low
Matsumoto	2021	Low	Unclear	Low	Unclear	Unclear	Low
Matsuo	2021	Low	Unclear	Low	Unclear	Low	Low
Ninh	2021	Low	Unclear	Low	Unclear	Low	Low

Supplementary Table 2. Continued

Article	Year	Selection of participants	Confounding variables	Measurement of intervention (exposure)	Blinding of outcome assessment	Incomplete outcome data	Selective outcome reporting
Peng	2021	Low	Unclear	Low	Unclear	Low	Low
Reese	2021	Low	Unclear	Low	Unclear	Low	Low
Ryu	2021	Low	Unclear	Low	Unclear	Low	Low
Shehta	2021	Low	Unclear	Low	Unclear	Low	Low
Shin	2021	Low	Unclear	Low	Unclear	Low	Low
Sim	2021	Low	Unclear	Low	Unclear	Low	Low
Takata	2021	Low	Unclear	Low	Unclear	Low	Low
Vandermeulen	2021	Low	Unclear	Low	Unclear	Low	Low
Villagomez	2021	Low	Unclear	Low	Unclear	Low	Low
Wang	2021	Low	Unclear	Low	Unclear	Low	Low
Wang	2021	Low	Unclear	Low	Unclear	Low	Low
Zhou	2021	Low	Unclear	Low	Unclear	Low	Low
Baumgartner	2022	Low	Unclear	Low	Unclear	Unclear	Low
Cai	2022	Low	Unclear	Low	Unclear	Low	Low
Cao	2022	Low	Unclear	Low	Unclear	Low	Low
Chen	2022	Low	Unclear	Low	Unclear	Low	Low
Cipriani	2022	Low	Unclear	Low	Unclear	Low	Low
Dong	2022	Low	Unclear	Low	Unclear	Low	Low
Durán	2022	Low	Unclear	Low	Unclear	Low	Low
Fok	2022	Low	Unclear	Low	Unclear	Low	Low
Hawksworth	2022	Low	Unclear	Low	Unclear	Low	Low
Herman	2022	Low	Unclear	Low	Unclear	Low	Low
Imai	2022	Low	Unclear	Low	Unclear	Unclear	Low
Jo	2022	Low	Unclear	Low	Unclear	Unclear	Low
Jo	2022	Low	Unclear	Low	Unclear	Low	Low
Kaibori	2022	Low	Unclear	Low	Unclear	Low	Low
Lei	2022	Low	Unclear	Low	Unclear	Low	Low
Loncar	2022	Low	Unclear	Low	Unclear	Low	Low
Luo	2022	Low	Unclear	Low	Unclear	Low	Low
Miyata	2022	Low	Unclear	Low	Unclear	Low	Low
Nakada	2022	Low	Unclear	Low	Unclear	Low	Low
Nanashima	2022	Low	Unclear	Low	Unclear	Low	Low
Notake	2022	Low	Unclear	Low	Unclear	Unclear	Low
Osei-Bordom	2022	Low	Unclear	Low	Unclear	Low	Low
Rahimli	2022	Low	Unclear	Low	Unclear	Low	Low
Schmelzle	2022	Low	Unclear	Low	Unclear	Low	Low
Tan H.2	2022	Low	Unclear	Low	Unclear	Low	Low
Tanemura	2022	Low	Unclear	Low	Unclear	Low	Low
Vining	2022	Low	Unclear	Low	Unclear	Low	Low
Wang	2022	Low	Unclear	Low	Unclear	Low	Low
Wu	2022	Low	Unclear	Low	Unclear	Low	Low
Xu	2022	Low	Unclear	Low	Unclear	Low	Low
Xu	2022	Low	Unclear	Low	Unclear	Low	Low
Yang	2022	Low	Unclear	Low	Unclear	Low	Low
Yang	2022	Low	Unclear	Low	Unclear	Low	Low
Yang	2022	Low	Unclear	Low	Unclear	Low	Low
Zhang	2022	Low	Unclear	Low	Unclear	Low	Low