

Appendix Table 1: Risk of Bias Assessment

Authors	Clear and precise definition of research question	Travel restriction measures included in analysis	Outcomes	Suitable mathematical modelling	Major model assumptions described	Other related factors adjusted	Model validated	Uncertainty analysis
Anzai et al. (2020)	Low	Low	Low	Low	Low	Moderate	High	High
Adekunle et al. (2020)	Low	Low	Low	Moderate	Low	Moderate	Low	Low
Adiga et al. (2020)	Low	Moderate	Low	Low	Low	High	Low	High
Aleta et al. (2020)	Low	Low	Low	Moderate	Low	High	Low	Low
Boldog et al. (2020)	Low	Low	Low	Low	Low	Moderate	High	Low
Chinazzi et al. (2020)	Low	Low	Low	Low	Low	Low	Low	Low
Clifford et al. (2020)	Low	Low	Low	Low	Low	High	High	Low
Costantino et al. (2020)	Low	Low	Low	Low	Low	Moderate	High	Moderate
Cowling et al. (2020)	Low	High	Low	Low	NA	High	NA	NA
Fang et al. (2020)	Low	Moderate	Low	Low	Low	Low	Low	Low
Hossain et al. (2020)	Low	Low	Low	Low	Low	Moderate	Low	High
Hou et al. (2020)	Low	High	Low	Low	Low	High	Low	Low
Jiang et al. (2020)	Low	High	Low	Low	Low	High	Low	Low
Klausner et al. (2020)	Low	High	High	High	High	High	High	High
Kraemer et al. (2020)	Low	Low	Low	Low	Low	Low	Low	Low
Kucharski et al. (2020)	Low	High	Low	Low	Low	High	Low	Low
Lai et al. (2020)	Low	Low	Low	Low	Low	Low	Low	Low
Lau et al. (2020)	Low	Moderate	Low	Low	Low	High	NA	NA
Li et al. (2020)	Low	High	Low	Low	Low	High	Low	Low
Linka et al. (2020)	Low	Low	Low	Low	Low	High	High	Low
Liu et al. (2020)	Low	High	Low	Low	Low	High	Low	Low
Mandal et al. (2020)	Low	Low	Low	Low	Low	Moderate	High	Low
Shi et al. (2020)	Low	High	Low	Low	Low	High	Low	Low
Su et al. (2020)	Low	High	Low	Low	Low	High	Low	High
Tang et al. (2020)	Low	Low	Low	Low	Low	High	Low	Low
Tian et al. (2020)	Low	Low	Low	Low	Low	Low	Low	Low
Wells et al. (2020)	Low	Low	Low	Low	Low	Low	Low	Low
Wu et al. (2020)	Low	Low	Low	Low	Low	Moderate	Low	Low
Yuan et al. (2020)	Low	Moderate	Low	Moderate	Low	High	Low	High

## Notes:

Domains of risk of bias: low means the author had adequately addressed the domain; moderate represents that the domain was addressed partial or incompletely; high means the domain was poorly addressed.  
NA: Not applicable.