

Table SI: JBI Quality Assessment Tool for prevalence studies

Criteria (Yes/No/Unclear/ NA)	Appropriate sample frame	Appropriate sampling participant	Adequate sample size	Description of subjects and the setting	Provide sample size justification, power description, or variance and effect estimates	Valid method	Condition measured in a standard, reliable way for all	Appropriate statistical analysis	Adequate response rate	Total quality score	Risk of Bias
Alateeq et al, 2020	1	1	1	1	1	1	1	1	1	9	low
Alenazi et al, 2020	1	1	1	1	1	1	1	1	1	9	low
Almater et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Alrubaiee et al., 2020	0	0	0	1	0	1	1	1	0	4	high
Alsairafi et al., 2021	1	1	1	1	1	1	1	1	1	9	low
Alshekaili et al., 2020	1	1	1	1	1	1	1	1	1	9	low
Amin et al., 2020	1	0	1	1	1	1	1	1	1	8	low
An et al., 2021	0	0	0	1	0	1	1	1	0	4	high
Arafa et al., 2021	1	1	0	1	0	1	1	1	0	6	moderate
Arshad & islam, 2020	1	1	0	1	0	1	1	1	0	6	moderate
Awano et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Balay et al., 2020	1	1	1	1	1	1	1	1	1	9	low
Barua et al., 2020	0	1	1	1	0	1	1	1	1	7	low
Cai q et al., 2020	0	1	0	1	0	1	1	1	0	5	moderate
Cai z et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Chen et al, 2021	0	1	0	0	0	1	1	1	0	4	high
Chew et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Chew n et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Das et al, 2002	1	1	0	1	0	1	1	1	0	6	moderate
Guo et al., 2021	1	1	0	1	0	1	1	1	0	6	moderate
Gupta et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate

Han et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Hassannia et al, 2021	0	0	0	1	0	1	1	1	0	4	high
Hong s et al., 2021	1	1	0	1	0	1	1	1	0	6	moderate
Huang l et al., 2020	1	1	1	1	1	1	1	1	1	9	low
Huang y et al., 2021	0	0	0	0	0	1	1	1	0	3	high
Kafle et al., 2021	0	0	1	1	1	1	1	1	1	7	low
Khanal et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Khanna et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Khatun et al., 2002	1	1	0	1	0	1	1	1	0	6	moderate
Koksal et al., 2020	0	0	1	1	1	1	1	1	1	7	low
Kumar et al., 2021	1	0	0	1	0	1	1	1	0	5	moderate
Li j et al., 2021	1	1	1	1	0	1	1	1	1	8	low
Li r et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Li x et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Liang et al., 2002	0	0	0	1	0	1	1	1	0	4	high
Liu c et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Liu y et al., 2021	1	1	0	1	0	1	1	1	0	6	moderate
Lu peixin et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Lu w et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Moayed et al., 2021	1	1	1	1	1	1	1	1	1	9	low
Mohammadian khonsari et al., 2021	1	1	1	1	1	1	1	1	1	9	low
Mohd fauzi et al., 2020	1	0	1	1	1	1	1	1	1	8	low
Naser et al., 2020	0	1	1	1	1	1	1	1	1	8	low
Ning x et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Pan et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Pandey et al., 2021	1	1	0	1	0	1	1	1	0	6	moderate
Pang et al., 2021	1	1	0	1	0	1	1	1	0	6	moderate
Park c et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Park s et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate

Parthasarathy et al., 2021	1	0	0	1	0	1	1	1	0	5	moderate
Perera et al., 2021	1	0	0	1	0	1	1	1	0	5	moderate
Saeed et al., 2021	0	0	0	1	0	1	1	1	0	4	high
Sahin et al., 2020	0	0	1	0	1	1	1	1	1	6	moderate
Si et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Sim et al., 2021	1	1	1	1	1	1	1	1	1	9	low
Song et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Sunjaya et al., 2021	0	1	0	1	0	1	1	1	0	5	moderate
Suryavanshi et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Tan et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Temsah et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Trans et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Tu et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Wang l et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Wang m et al., 2021	0	0	0	1	0	1	1	1	0	4	high
Wang y et al., 2020	1	0	1	1	1	1	1	1	1	8	low
Xia et al., 2021	0	0	0	1	0	1	1	1	0	4	high
Xiao et al., 2020	1	0	0	0	0	1	1	1	0	4	high
Xiaoming, 2020	1	1	0	1	0	1	1	1	0	6	moderate
Xing et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Xu et al., 2021	1	1	0	1	0	1	1	1	0	6	moderate
Yang s et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate
Yildirim et al., 2021	1	1	0	1	0	1	1	1	0	6	moderate
Yilmaz et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Yoruk & guler, 2021	0	0	1	0	1	1	1	1	1	6	moderate
Zhan et al., 2020	1	1	1	1	1	1	1	1	1	9	low
Zhang et al., 2020	1	0	0	1	0	1	1	1	0	5	moderate
Zhao et al., 2020	0	0	0	1	0	1	1	1	0	4	high

Zheng et al., 2021	1	1	0	1	0	1	1	1	0	6	moderate
Zhu et al., 2020	1	1	0	1	0	1	1	1	0	6	moderate