Study	PROBAST Domains						
	Risk of bias Participants	Applicability Participants	Risk of bias Outcome	Applicability Outcome	Risk of bias Analysis	Overall risk of bias	Overall applicability
Zusman, 2017	Low concernn	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Vejpongsa, 2018	Low concern	Low concern	Low concern	High concern	Low concern	Low concern	High concern
Hoffmann, 2019	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Lopes, 2019	High concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Hernandez-Suarez, 2019	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Tsushima, 2020	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern
Abdul Ghaffr, 2020	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Gomes, 2020	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Truong, 2021	Low Concern	Low Concern	Low Concern	Low Concern	High concern	High concern	Low Concern
Agasthi, 2021	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Galli, 2021	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Penso, 2021	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Lopes, 2021	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Okuno, 2021	High concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Mamprin, 2021 A	High concern	Low concern	High concern	High concern	High concern	High concern	High concern
Mamprin, 2021 B	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Sulaiman, 2022	Low Concern	Low Concern	Low Concern	Low Concern	High Concern	High Concern	Low Concern
Evertz, 2022	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Bansal, 2022	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Aquino, 2022	Low concern	Low concern	Low concern	Low concern	Unclear	Unclear	Low concern
Lertsanguansinchaia, 2022	Low concern	Low concern	Low concern	Low concern	High concern	Low concern	High concern
Abdelkhalek, 2023	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Pollari, 2023	Low Concern	Low Concern	Low Concern	Low Concern	High Concern	High Concern	Low Concern
Savitz, 2023	Low Concern	Low Concern	Low Concern	Low Concern	High Concern	High Concern	Low Concern
Stan, 2023	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern
Theisa, 2023	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern
Agasthi, 2023	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Alhwiti, 2023	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Barrett, 2023	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Chen, 2023	Low concern	Low concern	Low concern	High concern	Low concern	Low concern	High concern
Kwiecinski, 2023	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Leha, 2023	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Asif, 2024	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Shi, 2024	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern
Tremamunno, 2024							

	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern
Yordanov, 2024	Low Concern	Low Concern	Low Concern	Low Concern	High Concern	High Concern	Low Concern
Zahid, 2024	Low Concern	Low Concern	Low Concern	Low Concern	High Concern	High Concern	Low Concern
Barbieri, 2024	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Bruggemann, 2024	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Erck, 2024	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Erdogan, 2024	Low concern	Low concern	Low concern	Low concern	High concern	High concern	Low concern
Ouahidi, 2024	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern	Low concern
Zisiopoulou, 2024	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern	Low Concern
Number of H. concern	3	0	1	3	24	23	4

Supplementary Table S4. Quality assessment of included studies with PROBAST scoring [10,18-59].