

**Supplementary Table 1. Results of the methodological quality of meta-analysis assessment.**

Study	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Quality score
Alsawaylihi et al. 2022	+	+	+	+	+	+	+	+	+	-	+	10
Barraud et al. 2012	+	+	+	+	+	+	+	?	+	+	+	10
Bo et al. 2014	+	+	+	+	+	+	+	+	+	-	+	10
Batra et al. 2020	+	+	+	+	+	+	+	+	+	+	+	11
Cheema et al. 2022	+	+	+	+	+	+	+	+	+	+	+	11
Chen et al. 2018	+	+	+	-	+	+	+	+	+	-	+	9
Chen et al. 2021	-	+	+	+	+	+	+	+	+	+	+	10
Falagas et al. 2010	-	-	-	-	-	-	-	-	-	-	+	1
Fan et al. 2019	+	+	+	+	+	+	+	?	+	+	+	10
Gu et al. 2012	+	+	+	+	+	+	+	+	+	+	+	11
Gu et al. 2013	+	+	+	+	+	+	+	+	+	-	-	9
Ji et al. 2020	+	?	+	+	+	+	+	+	+	+	+	10
Lan et al. 2022	+	+	+	+	+	+	+	-	+	+	+	10
Lee et al. 2023	+	+	+	+	+	+	+	+	+	+	+	11
Li et al. 2021	+	+	+	+	+	+	+	+	+	+	+	11
Li et al. 2022	+	+	+	+	+	+	+	+	+	+	+	11
Liu et al. 2012	+	+	+	+	+	+	+	+	+	+	+	11
Liu et al. 2021	+	+	+	?	+	+	+	+	-	+	+	9
Manzanares et al. 2016	+	?	+	+	+	+	+	+	+	+	+	10
Noshadi et al. 2022	-	+	+	+	+	+	+	+	+	+	+	10
Sharif et al. 2022	+	+	+	-	+	+	+	+	+	+	+	10
Siempos et al. 2010	+	+	+	+	+	+	+	?	+	-	+	9
Song et al. 2022	+	+	+	+	+	+	+	+	+	+	+	11
Su et al. 2020	+	+	+	-	+	+	+	+	+	+	+	10
Sun et al. 2022	-	+	+	+	+	+	+	+	+	+	+	10
Watkinson et al. 2006	+	+	+	+	+	+	+	-	+	-	-	8
Wang et al. 2013	+	?	+	+	+	+	+	+	+	+	+	10
Wang et al. 2022	-	+	+	?	+	+	+	-	+	+	+	8
Weng et al. 2017	+	+	+	+	+	+	+	+	+	-	+	10
Zhao et al. 2020	+	+	+	+	+	+	+	?	+	+	+	10

The result of assess the methodological quality using AMSTAR: each item for included studies (? : can't answer; - : means no; + : means yes). **Q1**: Was an ,a priori' design provided?, **Q2**: Was there duplicate study selection and data extraction?, **Q3**: Was a comprehensive literature search (at least two databases) performed?, **Q4**: Was the status of publication (i.e. grey literature) used as an inclusion criterion?, **Q5**: Was a list of studies (included

and excluded) provided?, **Q6:** Were the characteristics of the included studies provided?, **Q7:** Was the scientific quality of the included studies assessed and documented?, **Q8:** Was the scientific quality of the included studies used appropriately in formulation conclusions?, **Q9:** Were the methods used to combine the findings of studies appropriate?, **Q10:** Was the likelihood of publication bias assessed?, **Q11:** Was the conflict of interest included?