S.n	Study ID/Authors	Assessment of risk of bias of all included studies in the review										
		Inclusion defined?	Subjects and setting described	Exposure measured	Objective criteria used for measurement	confounders identified	strategies used to deal confounders	outcome measured	Statistical Analysis	Overall assessment	Final decision	quality score
1	Birhanu, et al. 2021	yes	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	7
2	Mersha, et al. 2021	yes	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	7
3	Baye, et al. 2021	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	7
4	Kassie, et al. 2020	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
5	Jemal, et al. 2021	yes	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
6	Birihane, et al. 2020	no	yes	yes	yes	no	no	yes	yes	low risk of bais	included	7
7	Tadesse, et al. 2020	yes	yes	yes	yes	no	no	yes	yes	low risk of bais	included	6
8	Hailu, et al. 2021	yes	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	7
9	Zenbaba, et al. 2021	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
10	Tsegaye, et al. 2021	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
11	Mindaye, et al. 2021	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
12	Gebremeskal, et al. 2020	no	yes	yes	no	no	yes	yes	yes	low risk of bais	included	6
13	Bitew, et al. 2021	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6

Supplemental material

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14	Mulu, 2020	yes	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	7
15	Adola, et al. 2021	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
16	Gebremedhin, et al. 2021	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
17	Shibabaw, 2021	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
18	Tadesse, et al. 2020	yes	yes	yes	yes	no	no	yes	yes	low risk of bais	included	7
19	Etafa, et al. 2021	unclear	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
20	Walle, et al. 2021	no	yes	yes	yes	no	yes	yes	yes	low risk of bais	included	6
21	Tesfaye, et al. 2021	no	yes	no	yes	no	yes	yes	yes	low risk of bais	included	6

Risk of bias assessment tool. Yes (low risk); No (high risk); Unclear(high rik)

1. Were the criteria for inclusion in the sample clearly defined?
2. Were the study subjects and the setting described in detail?
3. Was the exposure measured in a valid and reliable way?
4. Were objective, standard criteria used for measurement of the condition?
5. Were confounding factors identified?
6. Were strategies to deal with confounding factors stated?
7. Were the outcomes measured in a valid and reliable way?
8. Was appropriate statistical analysis used?

The overall risk of bias was then scored according to the number of high risk of bias per study: low (≤2), moderate (3–4), and high (≥5).