Supplementary 2: Quality assessment of studies using the modified Newcastle Ottawa scale for quantitave studies

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|  **Study ID** |  **Selection ( 5 stars)** | **Comparability ( 2 stars)** |  **Outcome ( 3 stars)** | Total qualityscore (**10\*)** |
| Representativeness of the sample(\*) | Samples size(\*) | Non- respondents(\*) | Ascertainment of the exposure(\*\*) | Confounding factors controlled(\*\*) | Assessment of outcome(\*\*) | Statistical test(\*) |
| Haregewoin sebha et al. 2011 | \* | \* | \* | \*\* | \*\* | \* | \* | \*\*\*\*\*\*\*\*\*(9) |
| Aradom G. Abbay et al. 2018 | \* | \* | \* | \*\* | \*\* | \*\* | \* | \*\*\*\*\*\*\*\*\*\*(10) |
| Berhanu Yeshanew et al. 2020 | \* | \* | \* | \* |   | \*\* |  \* | \*\*\*\*\*\*\*(7) |
| Mengesha Birkie et al. 2021 | \* | \* | \* | \*\* | \*\* | \*\* | \* | \*\*\*\*\*\*\*\*\*\*(10) |
| Yonas Tesfaye et al. 2021 | \* | \* | \* | \* | \*\* | \*\* | \* | \*\*\*\*\*\*\*\*\*(9) |
| Jarso MH et al. 2022 | \* | \* | \* | \*\* | \*\* | \*\* | \* | \*\*\*\*\*\*\*\*\*\*(10) |
| Dawit Getachew, et al. 2024 | \* | \* | \* | \* | \* | \* | \* | \*\*\*\*\*\*\*(7) |
| Hassen HM et al. 2024 | \* | \* | \* | \*\* | \* | \* | \* | \*\*\*\*\*\*\*\*(8) |
| Habtam Gelaye et al. 2024 | \* | \* | \* | \*  | \*  | \*\* | \* | \*\*\*\*\*\*\*\*(8) |