**Quality Assessment Scoring**

**Table 1 Results of the consensus critical appraisal of the included studies**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author (first) | Study design |  | Selection |  |  | Comparability | Outcome |  |  |  |
|  |  | Representativeness | Sample size | Non-respondents | Ascertainment of exposure | Based on design | Assessment of outcome | Statistical test | Total score | Quality grade |
|  |  | of the sample |  |  |  | and analysis |  |  |  |  |
| Ojakaa et al. | Cross- sectional | \* | \* |  | \* | \* | \*\* | \* | 7 | Moderate |
| Mtenga et al | Cross- sectional | \* | \* | \* | \* | \* | \* | \* | 7 | Moderate |
| Romore et al | Cross- sectional | \* | \* | \* | \* | \*\* | \* | \* | 8 | High |
| Romore et al | Cross- sectional | \* | \* | \* | \* | \*\* | \* | \* | 8 | High |
| White et al | Cross- sectional | \* | \* | \* | \* | \* | \* | \* | 7 | Moderate |
| Ughasoro et al | Cross- sectional | \* |  |  | \* |  | \* |  | 3 | Low |
| Chukwuocha et al | Cross- sectional | \* | \* |  | \*\* |  | \* | \* | 6 | Moderate |
| McCoy et al | Cross- sectional | \* | \* | \* | \* |  | \* |  | 5 | Moderate |
| Immurana et al | Cross- sectional | \* | \* | \* | \* | \*\* | \*\* | \* | 9 | High |
| Tabiri et al | Cross- sectional | \* | \* |  | \* | \*\* | \*\* | \* | 8 | High |
| Musa-Booth et al | Cross- sectional | \* | \* |  | \* | \*\* | \*\* | \* | 8 | High |
| Onyekachi et al | Cross- sectional | \* | \* | \* |  |  | \* |  | 4 | Low |