**Table: Quality assessment of the included studies**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author & Publication year | Type of study | Appropriateness of the sample frame | Recruitment procedure | Adequacy of the sample size | Description of subjects and setting | Description of the identified sample | Validity of the methods used to screen for mental health problems | Reliability of the methods used to screen for mental health problems | Adequacy of statistical analyses | Response rate |
| Sayeed et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Banna et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Rahman et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Islam et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | No | No | Yes | Yes |
| Barua et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Sultana et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Ripon et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Hasan et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Unclear | Unclear | Yes | Yes |
| Tasnim et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Ahmed et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Hossain et al. 2020 | Cross-sectional study | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes |
| Islam et al. 2020 | Cross-sectional study | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes |
| Islam et al. 2020 a | Cross-sectional study | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes |
| Mamun et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Al Zubayer et al, 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Safa et al, 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Khan et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Faisal et al. 2021 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Islam et al. 2020b | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Sakib et al. 2021 | Cross-sectional study | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes |
| Mina et al. 2021 | Cross-sectional study | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes |
| Dhar et al. 2020 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Yasmin et al. 2021 | Cross-sectional study | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Khatun et al. 2021 | Cross-sectional study | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes |



Figure: Depression among specific groups



Figure: Anxiety among specific groups



Figure: Stress among specific groups