# STROBE Checklist for Cross-Sectional Study

Study Title: What Factors Influence COVID-19 Vaccine Acceptance Among Students in Health Training Institutions? A Cross-Sectional Study in the Volta Region of Ghana

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| Item No. | Recommendation | Page / Line Number in Manuscript |
| 1 | (a) Indicate study design in title or abstract | Title page, Abstract lines 1–2 |
|  | (b) Informative abstract summary | Abstract, lines 35-69 |
| 2 | Background/rationale | Pages 3–4, lines 80–149 |
| 3 | Objectives and hypotheses | Page 4, lines 145–149 |
| 4 | Study design | Page 4-5, lines 152–157 |
| 5 | Setting (location, dates) | Page 4, lines 159–168 |
| 6 | Eligibility criteria and selection | Page 5, lines 170–174 |
| 7 | Defined variables | Page 6, lines 220–222 |
| 8 | Data sources and assessment | Page 6, lines 224-226 |
| 9 | Bias and mitigation | Page 6, lines 242-243 |
| 10 | Sample size estimation | Page 5, lines 188–199 |
| 11 | Quantitative variables handling | Page 6, lines 224-248 |
| 12 | (a) Statistical methods | Page 7, lines 229–248 |
| 12 | (b) Subgroups and interactions | N/A |
| 12 | (c) Missing data | N/A |
| 12 | (d) Sampling strategy analysis | Page 5, lines 182–193 |
| 12 | (e) Sensitivity analyses | N/A |
| 13 | (a) Participants at each stage | Page 5, lines 170–177 |
| 13 | (b) Non-participation reasons | Page 5, lines 177–180 |
| 13 | (c) Flow diagram | Not included |
| 14 | (a) Descriptive data of participants | Table 1, Page 7-8 |
| 14 | (b) Missing data | N/A |
| 15 | Outcome data summary | Table 2, Page 8–9 |
| 16 | (a) Estimates with CI/AOR | Table 2, Page 8-9 |
| 16 | (b) Category boundaries | Page 7, Table 1 |
| 16 | (c) Absolute risk | N/A |
| 17 | Other analyses | Page 6, lines 242–248 |
| 18 | Key results summary | Page 9,10,11 lines 271-343 |
| 19 | Limitations (bias, imprecision) | Page 11, lines 344-356 |
| 20 | Interpretation | Page 9–10, lines 271-286 |
| 21 | Generalisability | Page 13, lines 347-348 |
| 22 | Funding statement | Page 12, lines 376 |