

Supplementary appendix 2. TRIPOD Checklist for Reporting Assessment (example of design details with simulated data for demonstration)

| Section/Topic | Item | S1 | S2 | S3 | S4 | S5 | S6 | S7 | S8 | S9 | S10 |
|------------------------------|------|----|----|----|----|----|----|----|----|----|-----|
| Title and abstract | | | | | | | | | | | |
| Title | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Abstract | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Introduction | | | | | | | | | | | |
| Background and objectives | 3a | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 3b | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Methods | | | | | | | | | | | |
| Source of data | 4a | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 4b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Participants | 5a | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 2 | 2 | 2 |
| | 5b | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 5c | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 |
| Outcome | 6a | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | 6b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Predictors | 7a | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |
| | 7b | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sample size | 8 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Missing data | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Statistical analysis methods | 10a | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |
| | 10b | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 |
| | 10c | 1 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 1 |

| | | | | | | | | | | | |
|----------------------------|-----|---|---|---|---|---|---|---|---|---|---|
| | 10d | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 |
| | 10e | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Risk groups | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Development vs. validation | 12 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Results | | | | | | | | | | | |
| | 13a | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 13b | 2 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | 2 | 2 |
| Participants | 13c | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 |
| | 14a | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Model development | 14b | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 |
| | 15a | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 |
| Model specification | 15b | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 |
| Model performance | 16 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |
| Model-updating | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Discussion | | | | | | | | | | | |
| Limitations | 18 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| | 19a | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Interpretation | 19b | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 |
| Implications | 20 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 |
| Other information | | | | | | | | | | | |
| Supplementary information | 21 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| Funding | 22 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 2 | 0 |