

TRIPOD 2015 Checklist

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Scope: The Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD) Statement was developed to improve the quality of reporting in studies that develop, validate, or update prediction models.

Reference: See `source/archetypes/tripod-2015.yml` for canonical link and provenance.

Instructions

- Use task list items for checklist boxes; these become interactive checkboxes in PDF.
- Use a span with class `.textfield` for free-text fields.

Title and Abstract

- ☐ **1. Title:** Identify the study as one that develops, validates, or updates a multivariable prediction model, specify the target population, and the outcome to be predicted.
- ☐ **2. Abstract:** Provide a summary of the objectives, study design, setting, participants, sample size, predictors, outcome, statistical analysis, results, and conclusions.

Introduction

- ☐ **3. Background and Objectives:** Explain the medical context and rationale for the study, including references to existing models.

Methods

- ☐ **4. Source of data:** Describe the study design and key elements of the study setting.
- ☐ **5. Participants:** Describe the eligibility criteria for participants.
- ☐ **6. Outcome:** Clearly define the outcome that is predicted by the model, including how and when it was assessed.
- ☐ **7. Predictors:** Clearly define all predictors used in the model, including how and when they were measured.
- ☐ **8. Sample size:** Explain how the study size was determined.
- ☐ **9. Missing data:** Describe how missing data were handled.
- ☐ **10. Statistical analysis methods:** Describe how predictors were handled in the analyses.
- ☐ **11. Model development:** Specify the type of model, all model-building procedures, and the method for internal validation.

- [?] **12. Model performance:** Specify all measures used to assess model performance and, if relevant, to compare multiple models.

Results

- [?] **13. Participants:** Describe the flow of participants through the study.
- [?] **14. Model development:** Specify the number of participants and outcome events in each analysis.
- [?] **15. Model specification:** Present the full prediction model for use by others.
- [?] **16. Model performance:** Report performance measures for the prediction model.
- [?] **17. Model validation:** For validation, describe how the predictions were calculated and report the results.

Discussion

- [?] **18. Limitations:** Discuss any limitations of the study.
- [?] **19. Interpretation:** Give an overall interpretation of the results, considering objectives, limitations, and other relevant evidence.
- [?] **20. Implications:** Discuss the implications for practice and research.

Other Information

- [?] **21. Supplementary information:** Provide information about the availability of supplementary resources.
- [?] **22. Funding:** Disclose the source of funding and the role of the funders.

Notes

Provenance

- Source: See sidecar metadata in `source/archetypes/tripod-2015.yml`
- Version: 2015
- License: Custom; see website