I. Stage specific comments

Stage I - Technical Performance Studies

AMIA also strongly recommends adherence to published reporting guidelines, including the Transparent Reporting of a multivariable prediction model for Individual Prognosis or Diagnosis (TRIPOD) Checklist. The TRIPOD Checklist is a 22-item checklist that aims to improve the transparency and reporting of a prediction model, whether for diagnostic or prognostic purposes. Below are recommendations to help satisfy adherence to Statistical Analysis Methods (10d) within the TRIPOD Checklist.

- Specify all measures used to assess model prediction performance and, if relevant, to compare multiple models.
  - Area under the Receiver Operating Characteristic curve (AUROC)
  - Area under the Precision-Recall Curve (AUPRC)
  - Sensitivity, specificity, and positive predictive value (PPV)
- Specify measures for model calibration, if available
  - Hosmer-Lemeshow (HL) goodness-of-fit test
  - Brier Skill Score (BSS)
- Specify measures for model fairness (bias), if available
  - AUROC, AUPRC, sensitivity, specificity, and PPV for each demographic subgroup, e.g., race subgroups


Stage II - Usability and Workflow Studies

AMIA ...

II. References

   https://docs.google.com/presentation/d/1RHML0xYUcT0m5wZJK5rWQCfabr2aKpYC/edit#slide=id.p28


21.