**Appendix for:**

**Development and validation of a clinical prediction model for identifying Maturity Onset Diabetes of the Young integrating both clinical features and biomarkers**

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**Appendix Figure 1**: Trace plots of regression parameters in A) early-insulin-treated prediction model and B) not-early-insulin-treated model for four chains each with 500,000 iterations (300,000 iterations of burn-in removed).

A close-up of a chart

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**Appendix Figure 2**: Stability plots for the early-insulin-treated and not-early-insulin-treated models. Estimations of MODY probability from bootstrapped models are plotted against estimated MODY probabilities from the developed models. This illustrates the results of 1,000 bootstraps, each with 20,000 iterations (first 10,000 iterations discarded), with an average =1.0.

A comparison of a graph

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**Appendix Figure 3:** Precision-recall curve plots for A) early-insulin-treated prediction model (the model with clinical features alone on the left, and the model with clinical features and biomarkers on the right) and B) not-early-insulin-treated model. The black line represents the precision-recall curve for the mean predicted MODY probabilities. Square brackets show the credible intervals.

A graph of a patient with a negative result

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