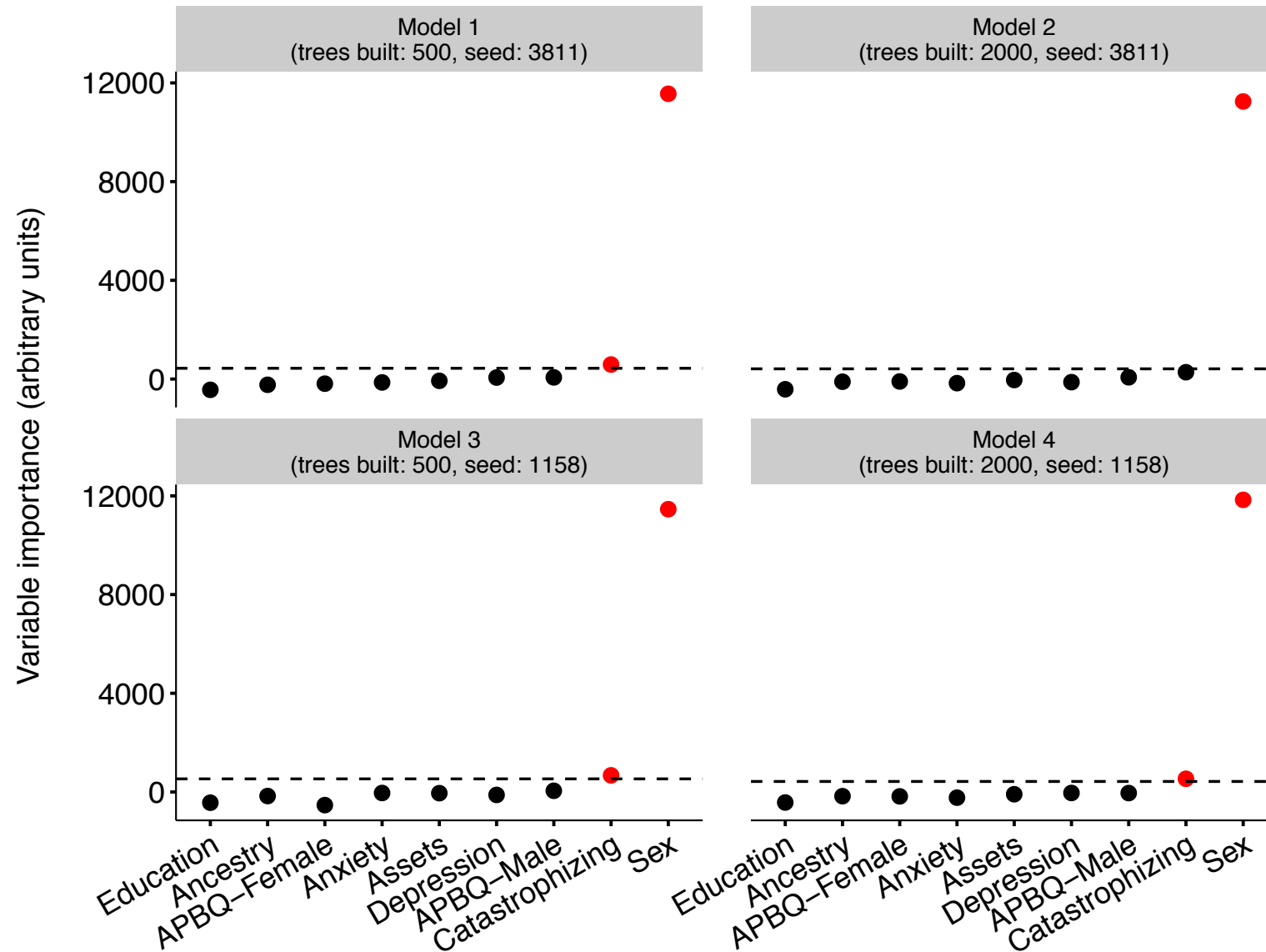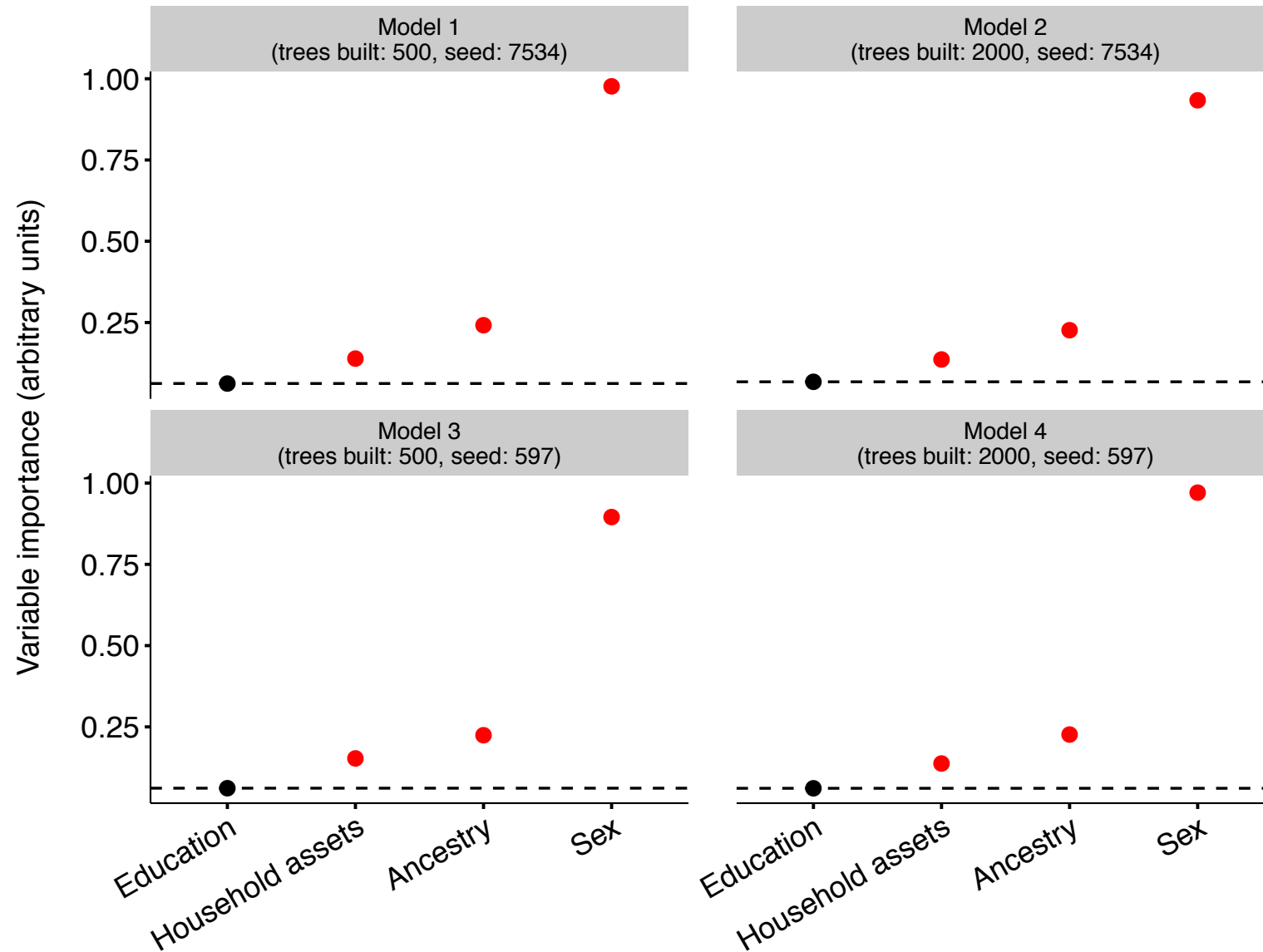**Supplementary Figure 1.** Random forests plots of predictors of cold-pain tolerance under four different modelling conditions. Predictors above the dashed line (red points) are informative variables for predicting cold-pain tolerance.

Supplementary Figure 2. Random forests plots of predictors of pressure-pain tolerance under four different modelling conditions. Predictors above the dashed line (red points) are informative variables for predicting pressure-pain tolerance.

Supplementary Figure 3. Random forests plots of predictors of APBQ-M score under four different modelling conditions. Predictors above the dashed line (red points) are informative variables for predicting APBQ-M score.