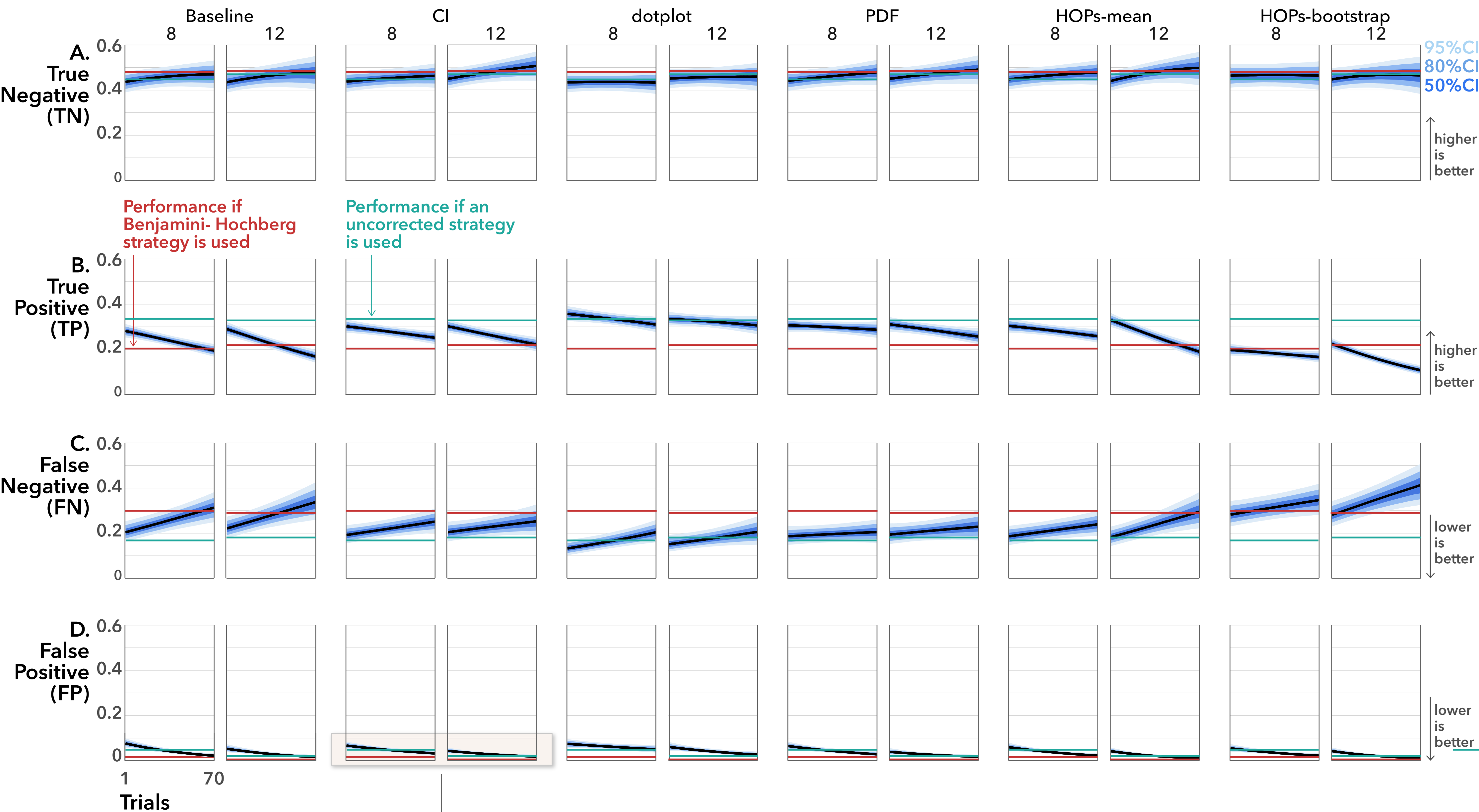
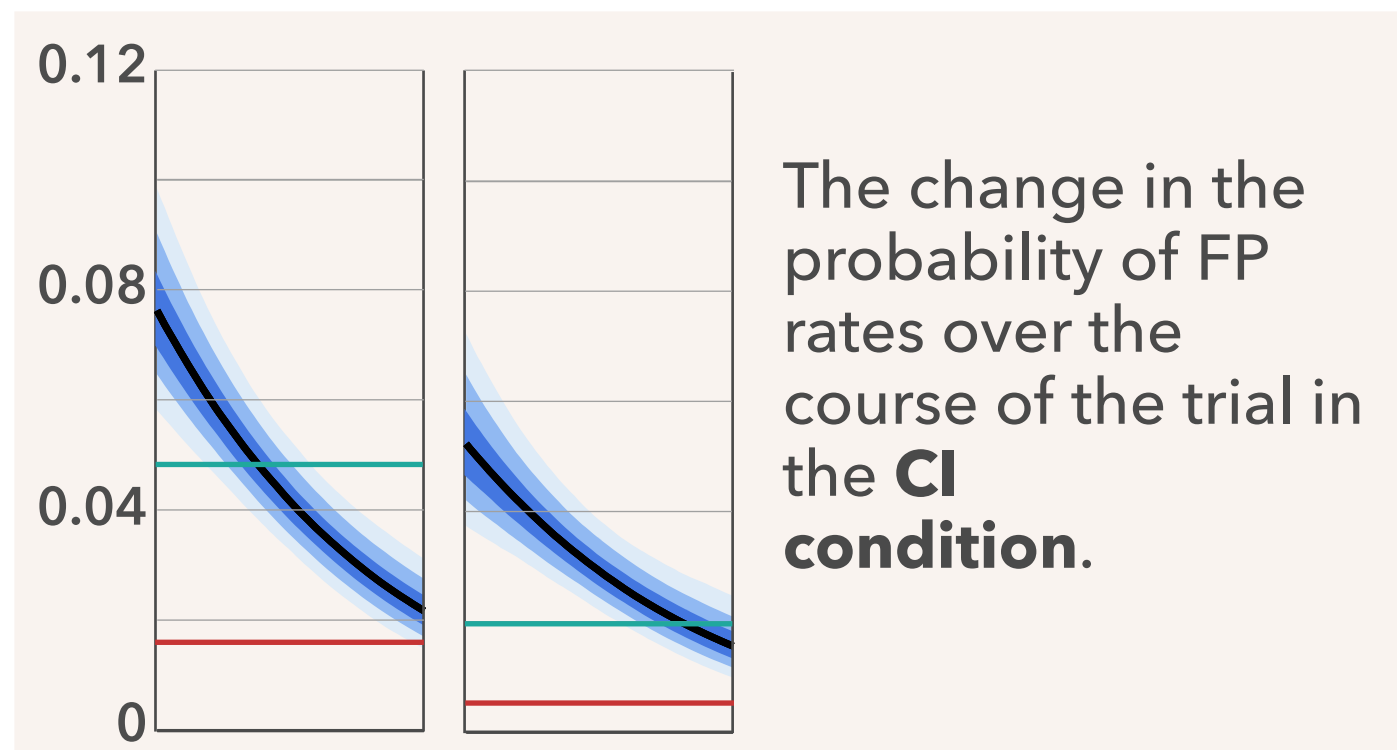


Our model predicts the proportion of True Negatives (TNs), True Positives (TPs), False Positives (FPs) and False Negatives (FNs) using (*uncertainty*) *display*, *number of graphs shown (nregion)* and *trial number* as predictors. Below we plot the average proportions, and 95% posterior credible intervals of TNs, TPs, FNs and FPs respectively for each *display* and *nregion* in a given trial, and its change as a typical participant progresses through the set of 70 trials (in two blocks).



E. Closer look at the FPs



F. Calculation of marginalized density estimates (used in figures 6 - 9)

Marginalized density estimate of probability of FN in the dotplot condition when nregion = 8 are calculated as shown. In figures 6 - 9, we flip the x and y axes.

