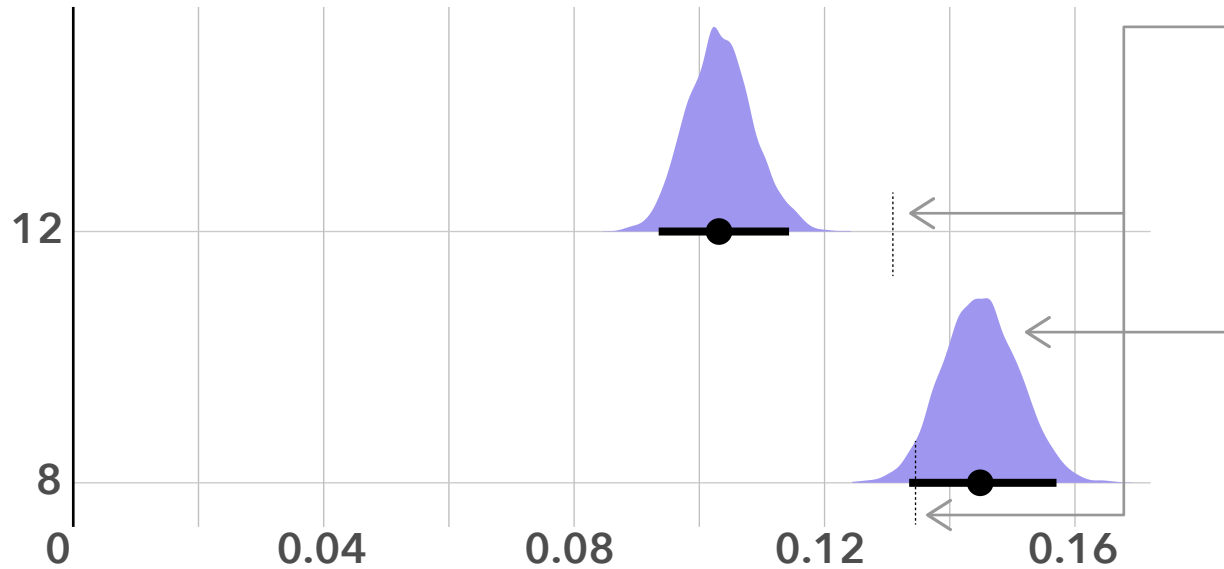


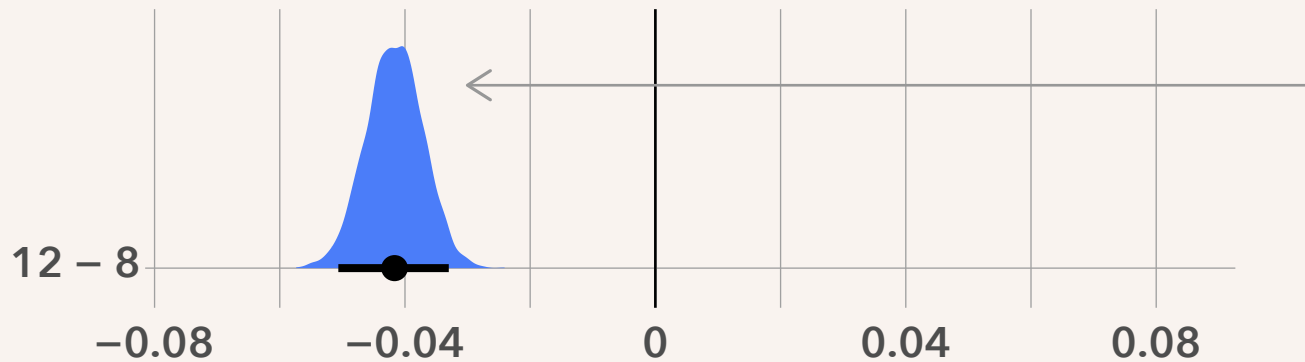
nregions



False Discovery Rates (FDR) when participants are presented with 12 graphs (top) compared to FDR when presented with 8 graphs (bottom).

Indicates FDR if participants selected all graphs with a $p < 0.05$

Estimate for probability of FDR, averaged over all trials, by **a typical participant**. Different participants have different abilities which we model as random effects. This estimate would be the model's prediction for a new user, of whom we have no information



The difference in FDR between the two conditions is 4.1 percentage points lower when participant is presented with more (12) graphs.

A **negative difference** indicate that **participants are making less FDR** when $nregions = 12$. This suggests that they are adjusting their responses which produces a similar effect as multiple comparisons corrections methods.