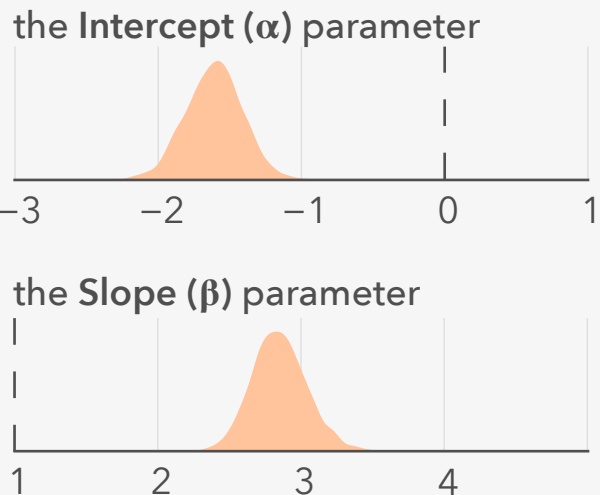


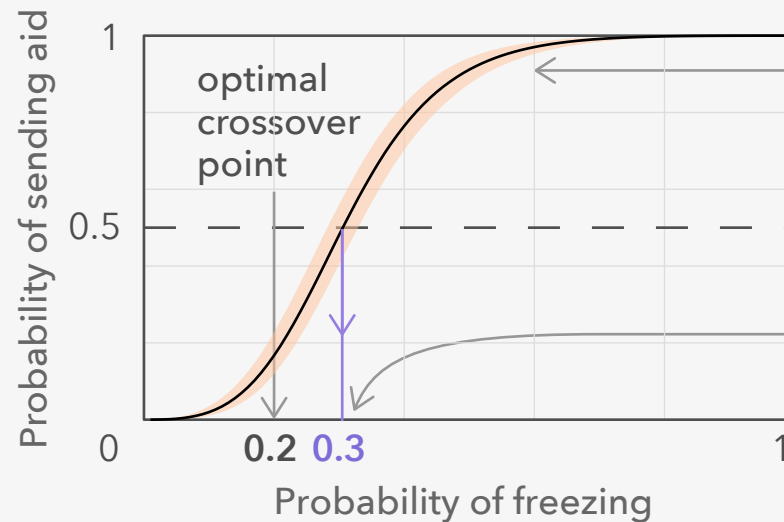
# Posterior probability densities for...

**A.**



$\alpha$  and  $\beta$  parameters are the same for both representations (see **lines 3-4** of the model)

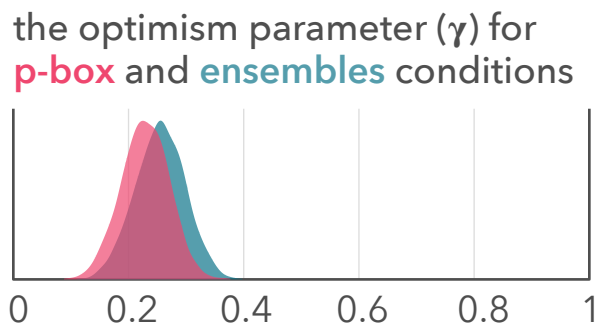
**B.**



Median and 95% posterior credible interval, based on the joint probability of  $\alpha$  and  $\beta$ , of the estimated relationship between the probability of freezing and the probability of sending aid.

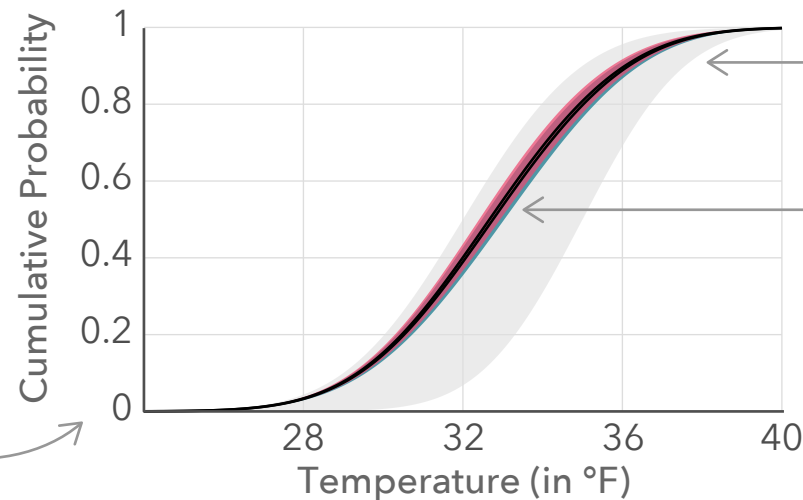
mean crossover point for the average participant in our study

**C.**



we use the posterior probability of  $\gamma$  to estimate a decision-making reference distribution

**D.**



If these were the bounds of a p-box or ensembles shown to the participants as a stimuli, then...

these would be the median and 95% posterior credible interval of the estimated **decision-making reference distributions**, for the average participant in our study.