Figure S2. LBA model fitting. Prediction of the best model (model absv) is highly correlated with the observed data for (A) decision accuracy, (B) response time distributions of the correct trials, and (C) response time distributions of the error trials. To generate the model predictions, we simulated 4000 sampled posterior parameter sets for each participant, condition, and candidate model in the Markov chain Monte Carlo simulation. Each parameter set of the best model was used to simulate 1000 trials, and these trials were then used to calculate the decision accuracy and RT distributions. The final model predictions of each participant were obtained after averaging across 4000 parameter sets. Each circle in the figure represents the data point of one participant. The RT distribution was described with five percentage levels (10%, 30%, 50%, 70% and 90%), as shown by blue, green, red, cyan and purple circles, respectively.