

The file “data\_zoomin.csv” gives the matching probabilities of ambiguous events described in Table 1 and Table 4 in the paper. Column “Ambiguous event” of “data\_zoomin.csv” indicates the ambiguous event we find the matching probability for. Events are named in the dataset according to their Set name and row number. For example, event  $\{\star, \square\}^C$ , which appears in the second row of set B in Table 1, is named “B2”.

Each row corresponds to one event of one subject. All subjects answered choice lists for all 16 events (Randomized). Column “Rank” indicates the order at which that specific event was answered by the subject.

Column “Prob1” indicates the highest  $p$  such that  $300_{E0} \succ 300_p0$  for gains and  $-300_{E0} \prec -300_p0$  for losses. Column “Prob2” indicates the lowest  $p$  such that  $300_{E0} \prec 300_p0$  for gains and  $-300_{E0} \succ -300_p0$  for losses.

Column “Multiple Switch” is a binary variable where 1 indicates that the subject switched between the options multiple times.

The file “data\_zoomin\_online.csv” gives the data from the online experiment. Event names in column “Ambiguous event” are identical to those in “data\_zoomin.csv”. Note that only 6 out of 16 events were used in this experiment. Column “Risky event” indicates the probability given in the risky option. Column “A/R” indicates whether the subject chose the ambiguous option (A) or risky option (B). The calculated matching probabilities from these observations are given in “data\_zoomin\_online2.csv”.