

## **Data File Key**

### **Study 1 and 2 Data Files**

subject - coded subject number

presentation order - order sets of options were encountered

condition - coded 0 for decisions-from-feedback and coded 1 for decisions-to-engage

optionpicked - coded 0 if certain zero option picked in decisions-from-feedback or observe in decisions-to-engage, coded 1 if safer option picked, and coded 2 if riskier option picked.

choicenumber - order decisions were made

gamblenumber - number of gamble (not used)

outcome - obtained outcome

riskyout - riskier options outcome

safeout - safer options outcome

rt - decision time in milliseconds

age - subjects age

gender - subjects gender coded 0 for male and coded 1 for female

realchoice - coded 0 if certain zero option picked or observe picked, coded 1 if safer or riskier option picked

pairtype - coded 0 for gain only options, coded 1 for mixed gain and loss options with positive expected value, coded 2 for mixed gain and loss options with negative expected value

betteroptionpicked - coded 0 if higher expected value option not picked, coded 1 if higher expected value option picked

riskybetter - coded 0 if riskier option has low expected value than safer option, coded 1 if riskier option has higher expected value than safer option

centeredpairtype - pairtype centered for interaction

## **Study 2 Modeling Data File**

subject - coded subject number

condition - coded 0 for decisions-from-feedback and coded 1 for decisions-to-engage

bic - BIC score

recency - estimated recency parameter ( $\theta$ )

lossaversion - estimated loss aversion parameter ( $\lambda$ )

diminishedsensitivity - estimated diminished sensitivity parameter ( $\gamma$ )

sensitivity - estimated sensitivity parameter ( $c$ )