**Behavioral data**: amasinoEtAl\_behavior.csv and amasinoETAl\_behavior\_rep.csv (replication)

Order of columns in data: Subject ID, Amount smaller sooner (SS), Amount larger later (LL), Time SS, Time LL, choice, response time, side, response side, condition.

* Amounts are in USD, times are in days, response time in seconds
* Response=0 means SS chosen, response=1 means LL chosen
* Side = 0 means SS on left, LL on right, side = 1 means LL on left, SS on right
* Response side=0 means right option chosen, response side=1 means left option chosen
* Condition = 1 means neutral condition, condition =2 means social condition

**Eye tracking data**: amasinoEtAl\_ET.csv and amasinoEtAl\_ET\_rep.csv (replication)

Order of columns in data: Subject ID, trial number, x-position of gaze (in pixels), y-position of gaze (in pixels), fixation index.

* The x and y gaze positions are relative to the top left of the screen (0,0) is at the top left, not the bottom left, and the screen which was 1280 X 1024 pixels.
* The fixation index is based on Tobii’s classification of fixations, and numbers each fixation throughout the run.

**Survey data**: ABIS.csv and ABIS\_rep.csv

Order of columns in ABIS.csv: column 1 is subject ID, columns 2-14 correspond to ABIS questions: 9, 7, 4, 1, 12, 3, 8, 6, 10, 11, 2, 5, 13.

Order of columns in ABIS\_rep.csv: column 1 is subject ID, columns 2-14 correspond to ABIS questions 1-13 in order.

**Condition data:** condition.csv and condition\_rep.csv

Gives the condition for each subject. Condition = 1 means neutral condition, condition =2 means social condition.

**DDM data**: attDDM.csv, attDDM\_rep.csv, optDDM.csv, optDDM\_rep.csv, optDDM\_1lat.csv, and optDDM\_1lat\_rep.csv

These data can be generated using the mtDDM\_ITC.m script and then concatenating the data for each individual using the concatDDMs.m script but they have also been included as these scripts can take a long time to run.

Order of columns in data: Drift slope amount, Drift slope time, Latency amount, Latency time, Bounds, Log likelihood, Bayesian information criterion (BIC), Akaike information criterion (AIC).

**Preprocessing scripts**: MATLAB scripts were written and run in MATLAB 2016a

Behavioral:

avg\_RT.m: Finds average response time per subject.

choiceSide.m: Finds the average proportion of left responses for each participant.

DDM\_simulations.m: take in the DDM values and simulates the proportion of LL choices and response time quantiles for each subject.

fit\_discount\_k.m: Fits the discount rate, k, to each participant and outputs log(k).

mtDDM\_ITC.m (calls mtDDM\_TestParams.m, and mtDDM\_DriftSim.m or mtDDM\_DriftSim\_opt.m): fits DDMs to data.

numErrors.m: Finds the number of “errors” as defined by choices that did not accord with subject value.

subjectiveValue.m: Finds the subjective value based on fitted k of each option for each subject.

Eye tracking:

ET\_adjustClusters.m: Finds center of each cluster that should be within an AOI and centers the data so that the cluster is centered in the AOI.

ET\_bins.m: Splits up eye tracking data into five time bins within each trial and finds the proportion of time looking left (or at the top) within those time bins, split by which side was chosen. Also find the proportion of last fixations to the side chosen.

ET\_errorAnalysis.m: Finds the response times and eye tracking indices associated with errors (choice difference from subjective value calculation) and similar trials with correct choices.

ET\_indices.m: Finds the Option Index, Attribute Index and Payne Index for each trial and the average of each index for each subject.

**Plotting and statistics scripts**: R Markdown scripts were written and run in Rstudio with R version 3.3.3

AmasinoEtAl\_main\_figures.Rmd and AmasinoEtAl\_supplement.Rmd

The main figures script plots and gives statistics for all figures and statistics reported in the main paper. Requires running: choiceSide.m, avg\_RT.m, fit\_discount\_k.m, ET\_adjustClusters.m, and ET\_indices.m

The supplement script plots and gives statistics for all figures and statistics reported in the supplement. Requires running: all preprocessing scripts