

| Variable Name | Definition |
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| Participant | Participant ID |
| Pair | Pair ID |
| trialID | Trial Number |
| Left_Item | Left Item ID |
| Right_Item | Right Item ID |
| Choice_minus_is_left | Whether the participant chose the right item (1) or the left item(-1) |
| Confidence | Confidence rating, ranging from 1-6 |
| RT | Response Time in seconds |
| Left_Value | The BDM value of the left item, in £ |
| Right_Value | The BDM value of the right item, in £ |
| DV | The value difference, calculated as Right_Value - Left_Value |
| Transitivity | Whether the choice was transitive (1) or not (-1) |
| Gaze_Shift_Frequency | Number of times participants moved their gaze between the two items |
| Diff_Dwell_Time | The difference in dwell time between the two items, calculated as Right - Left |
| Abs_Diff_Dwell_Time | The unsigned difference in dwell time |
| zDDT | The difference in dwell time, z-transformed at the participant level |
| zDV | The value difference, z-transformed at the participant level |
| zAbsDDT | The absolute difference in dwell time, z-transformed at the participant level |
| zAbsDV | The absolute value difference, , z-transformed at the participant level |
| zConf | the confidence rating, z-transformed at the participant level |
| zRT | The response time, z-transformed at the participant level |
| zGSF | The gaze shift frequency, z-transformed at the participant level |
| Presentation | Whether this is the first (1) or second (2) of a given item pair |
| zSV | The summed value of the items, , z-transformed at the participant level |
| choice_fit_BDM | Whether the participant chose the item with the highest BDM value (1) or not (0) |
| BDM_viol | Whether participants violated their BDM ratings on the current trial |
| Transitivity_Violation | Whether participants violated their transitivity rankings on the current trial |
| Chose_right | Whether the participants chose the right item (1) or not (0) |

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| Conf_Dich | The confidence of each trial dichotomised as being above the participant median (1) or below the participant median (0) |
| metacognitive_performance | The metacognitive performance of the participant, operationalised as the coefficient of how confidence influences how strongly the value difference predicts choice |
| MC_performance_binary | meta_cognitive performance divided by the top half of the sample (1) and the bottom half (0) |
| RTBin | Response time binned at the participant level from fastest (1) to slowest (4) |
| DV_Dich | Difference in value dichotomised at the participant level |
| absDV | The unsigned difference in value |
| zSV_Dich | Summed value dichotomised at the participant level |
| zRT_sqrt | Response Time square-root transformed |
| zAbsDV_sqrt | Absolute Difference in value square-root transformed |
| zAbsDDT_sqrt | Absolute Difference in Dwell Time square root transformed |
| GSF_Dich | Gaze Shift Frequency dichotomised at the participant level |
| DDT_Dich | Difference in Dwell Time dichotomised at the participant level |
| DVBin | Difference in value binned at the participant level from lowest (1) to highest (4) |
| CoM_Next | Whether participants changed their mind on the next trial the same pair was presented |
| Summed_Value | The total value of the items presented that trial (left + right) |