Code book for Excel file: Study 5 data sheet.xlsx

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| --- | --- | --- | --- | --- |
| Variable | Position | Label | Values | Measurement level |
| ID | A | Anonymised participant number |  | Nominal |
| School | B | School which participant attended |  | Nominal |
| Age\_group | C | Age group to which the participant belongs  | AdolescentAdult | Nominal |
| Gender | D | Participant’s gender  | Malefemale  | Nominal |
| Age\_months | E | Participants age in months |  | Scale |
| Age\_Years | F | Participants age in years |  | Scale |
| Condition | G | The condition to which the participant is assigned | **EM** = Episodic memory**EFT-self** = Episodic Future thinking**FT-other** = future thinking other**Control** = Control | Nominal |
| FSC | H | Future Self Connectedness: Participant’s judgement of how connected they feel to their future self 1 year from the present |  | Scale (0-100) |
| FSC\_Cue | I | Did the participant produce a valid 1 year cue in interview task | 0 = No valid cue1 = Valid cue | Nominal |
| TE\_1M | J | Participants judgement of how far away 1 month from now feels (ms) |  | Scale |
| TE\_2M | K | Participants judgement of how far away 2 months from now feels (ms) |  | Scale |
| TE\_3M | L | Participants judgement of how far away 3 months from now feels (ms) |  | Scale |
| TE\_4M | M | Participants judgement of how far away 4 months from now feels (ms) |  | Scale |
| TE\_5M | N | Participants judgement of how far away 5 months from now feels (ms) |  | Scale |
| TE\_6M | O | Participants judgement of how far away 6 months from now feels (ms) |  | Scale |
| TE\_7M | P | Participants judgement of how far away 7 months from now feels (ms) |  | Scale |
| TE\_8M | Q | Participants judgement of how far away 8 months from now feels (ms) |  | Scale |
| TE\_9M | R | Participants judgement of how far away 9 months from now feels (ms) |  | Scale |
| TE\_10M | S | Participants judgement of how far away 10 months from now feels (ms) |  | Scale |
| TE\_11M | T | Participants judgement of how far away 11 months from now feels (ms) |  | Scale |
| TE\_12M | U | Participants judgement of how far away 12 months from now feels (ms) |  | Scale  |
| Systematic\_time | V | Did the participants produce systematic time estimates | 0 = unsystematic 1 = systematic | Nominal |
| Alpha\_U | W | Scaling factor of the unconstrained power function fitted to participants time estimation judgements |  | Scale |
| Beta\_U | X | Exponent of the unconstrained power function fitted to participants time estimation judgements |  | Scale |
| Alpha\_C | Y | Scaling factor of the constrained power function (exponent constrained to be <= 1) fitted to participants time estimation judgements |  | Scale |
| Beta\_C | Z | Exponent of the constrained power function (exponent constrained to be <= 1) fitted to participants time estimation judgements |  | Scale |
| M | AA | Gradient of the linear function fitted to participants time estimation judgements |  | Scale |
| C | AB | Intercept of the linear function fitted to the participants time estimation judgements |  | Scale |
| SP\_1D | AC | Participant’s switch point on 1 day delay discounting trials  |  | Scale |
| SP\_1W | AD | Participant’s switch point on 1 week delay discounting trials |  | Scale |
| SP\_1M | AE | Participant’s switch point on 1 month delay discounting trials |  | Scale |
| SP\_6M | AF | Participant’s switch point on 6 months delay discounting trials |  | Scale |
| SP\_1Y | AG | Participant’s switch point on 1 year delay discounting trials |  | Scale |
| AUC  | AH | Area Under the discounting Curve calculated for each individual using the model based approach (Gilroy & Hantula, 2018) |  | Scale |
| Model | AI | Discounting model that best fits each participants discounting as determined by Bayesian Information Criterion scores | ExponentialHyperbolicBeta-deltaNoise | Nominal |
| 1DAY\_Cue | AJ | Did they produce a valid cue for valid cue for the 1 day away event | 0 = no valid cue1 = valid cue | Nominal |
| 1WEEK\_Cue | AK | Did they produce a valid cue for valid cue for the 1 week away event | 0 = no valid cue1 = valid cue | Nominal |
| 1MONTH\_Cue | AL | Did they produce a valid cue for valid cue for the 1 month away event | 0 = no valid cue1 = valid cue | Nominal |
| 6MONTHS\_Cue | AM | Did they produce a valid cue for valid cue for the 6 months away event | 0 = no valid cue1 = valid cue | Nominal |
| 1YEAR\_Cue | AN | Did they produce a valid cue for valid cue for the 1 year away event | 0 = no valid cue1 = valid cue | Nominal |
| Total\_Cue | AO | Total number of valid cues participant produced  |  | Scale (0-5) |
| 1DAY\_Clarity | AP | Participant’s rating of the clarity with which the 1 day away event was recalled / imagined |  | Scale (1-6) |
| 1DAY\_Emotion | AQ | Participant’s rating of the emotional valence felt when the 1 day away event was recalled / imagined |  | Scale (1-7) |
| 1DAY\_Speed | AR | Speed with which participants judge that the 1 day away event came to mind |  | Scale (1-3) |
| 1W\_Clarity | AS | Participant’s rating of the clarity with which the 1 day away event was recalled / imagined |  | Scale (1-6) |
| 1W\_Emotion | AT | Participant’s rating of the emotional valence felt when the 1 day away event was recalled / imagined |  | Scale (1-7) |
| 1W\_Speed | AU | Speed with which participants judge that the 1 day away event came to mind |  | Scale (1-3) |
| 1M\_Clarity | AV | Participant’s rating of the clarity with which the 1 day away event was recalled / imagined |  | Scale (1-6) |
| 1M\_Emotion | AW | Participant’s rating of the emotional valence felt when the 1 day away event was recalled / imagined |  | Scale (1-7) |
| 1M\_Speed | AX | Speed with which participants judge that the 1 day away event came to mind |  | Scale (1-3) |
| 6M\_Clarity | AY | Participant’s rating of the clarity with which the 1 day away event was recalled / imagined |  | Scale (1-6) |
| 6M\_Emotion | AZ | Participant’s rating of the emotional valence felt when the 1 day away event was recalled / imagined |  | Scale (1-7) |
| 6M\_Speed | BA | Speed with which participants judge that the 1 day away event came to mind |  | Scale (1-3) |
| 1YR\_Clarity | BB | Participant’s rating of the clarity with which the 1 day away event was recalled / imagined |  | Scale (1-6) |
| 1YR\_Emotion | BC | Participant’s rating of the emotional valence felt when the 1 day away event was recalled / imagined |  | Scale (1-7) |
| 1YR\_Speed | Bd | Speed with which participants judge that the 1 day away event came to mind |  | Scale (1-3) |