ReadMe-Document for

Dataset for: ‘Can S-R Binding Be Anticipated? – Temporal Expectancy does not Influence Feature Integration

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Datafile Description:

- FullDataPrime.csv:
  - Data for prime analysis (i.e., without practice trials; columns irrelevant for analysis were filtered out, with applied cut-off criteria)
- AnalysisDataPrime.csv:
  - Data for prime analysis. Data was collapsed from FullData.csv to four conditions per participant
- FullDataProbe.csv:
  - Data for probe analysis (i.e., without practice trials; columns irrelevant for analysis were filtered out, with applied cut-off criteria)
- AnalysisDataProbe.csv:
  - Data for probe analysis. Data was collapsed from FullData.csv to four conditions per participant

Colum coding for AnalysisDataPrime.csv:

VP:	Unique numeric value assigned to each participant
Running:	Describes the group participants were assigned to: ExperimentCond1 = NonAging Condition, ExperimentCond2 = Aging Condition
SOA:	Prime foreperiod waiting time condition. Numbers reference the time participants waited until a prime display appeared.
mean_RTi:	Mean for each condition per participant for prime reaction times
median_RTi:	Median for each condition per participant for prime reaction times
sd_RTi:	Standard deviation for each condition per participant for prime reaction times
mean_RTo:	Mean for each condition per participant for probe reaction times
median_RTo:	Median for each condition per participant for probe reaction times
sd_RTo:	Standard deviation for each condition per participant for probe reaction times
binding:	Binding effect for each participant. Note: All four conditions per participant display the **same** binding effect. A filter was applied in the binding effect analysis. See script.
ErrProtz:	Error Percentage per participant for each condition.

Colum coding for AnalysisDataProbe.csv:

VP:	Unique numeric value assigned to each participant
PPRel:	Prime-Probe Relation; Combined variable for response and distractor relation. Where RR and DR reference **R**esponse **R**epetition trials and **D**istractor **R**epetition trials. RC and DC reference **R**esponse **C**hange trials and **D**istractor **C**hange trials.
RespRel:	Prime-Probe-Response Relation: RR = Response Repetition, RC = Response Changen
DistRel:	Prime-Probe-Distractor Relation: DR = Distractor Repetition; DC = Distractor Change
Running:	Describes the group participants were assigned to: ExperimentCond1 = NonAging Condition, ExperimentCond2 = Aging Condition
mean_RTi:	Mean for each condition per participant for prime reaction times
median_RTi:	Median for each condition per participant for prime reaction times
sd_RTi:	Standard deviation for each condition per participant for prime reaction times
mean_RTo:	Mean for each condition per participant for probe reaction times
median_RTo:	Median for each condition per participant for probe reaction times
sd_RTo:	Standard deviation for each condition per participant for probe reaction times
binding:	Binding effect for each participant. Note: All four conditions per participant display the **same** binding effect. A filter was applied in the binding effect analysis. See script.
ErrProtz:	Error Percentage per participant for each condition.