File Description

Berger, Fischer, & Dreisbach (2019). It's more than just conflict: the functional role of congruency in the sequential control adaptation.

Variable: description

- o Level 1
- o Level 2

Experiment 1: file "raw_visualSimon_N31.txt"

- *Subject:* participant number
- *BlockNr*
  - o 0 = practice
  - o 1 to 3: Experimental blocks 1 to 3
- *TrialNr*
- *KonN_1:* previous congruency
  - o 0 = no previous congruency (first trial)
  - o 1 = previous trial congruent
  - o 2 = previous trial incongruent
  - o 3 = previous trial neutral
- *KonN:* current congruency
  - o 1 = trial congruent
  - o 2 = trial incongruent
  - o 3 = trial neutral
- *Sequenz:* trial sequence
  - o 0 = no sequence can be computed (first trial)
  - o 1 = congruent after congruent
  - o 2 = congruent after incongruent
  - o 3 = incongruent after congruent
  - o 4 = incongruent after incongruent
  - o 5 = neutral after neutral
  - o 6 = congruent after neutral
  - o 7 = incongruent after neutral
  - o 8 = neutral after congruent
  - o 9 = neutral after incongruent
- *Targets.ACC:* accuracy on current trial
  - o 0 = error
  - o 1 = correct trial
- *Targets.RT:* response time in ms on current trials
- *pos:* stimulus position
  - o 35% = left
  - o 50% = center
  - o 65% = right
- *Poswh:* repetition of stimulus location?
  - o 0 = no
  - o 1 = yes
- *Zahlwh:* repetition of number?
  - o 0 = no
  - o 1 = yes

- *Komplettwh:* complete stimulus repetition
  - 0 = no
  - 1 = yes

Experiment 2: file "raw_auditorySimon_N31.txt"

Same as in Experiment 1, if not further specified.

- *Subject*
- *BlockNr*
- *TrialNr*
- *KonN_1*
- *KonN*
- *Sequenz*
- *Targets.ACC*
- *Targets.RT*
- *pos:* stimulus position
  - -10000 = left
  - 0 = center
  - 10000 = right
- *Komplettwh*
- *Stimulus:* number word spoken