

## Data

The file is structured as follow:

column A corresponds to the **subject number**;

- columns B to C correspond to the **biographical assessment**;
  - GENDER (column B): 1 = Man, 2 = Woman
  - AGE (column C): Age of the participants
- columns D to F correspond to the **experimental conditions**;
  - CONDITIONS (column D): 1 = Fear-Primes /Suboptimal; 2 = Fear-Primes /Optimal; 3 = Anger-Primes /Suboptimal; 4 = Anger-Primes /Optimal
  - PRIMES (column E): 1 = Fear-Primes, 2 = Anger-Primes
  - PRIME\_VISIBILITY (column F): 1 = Suboptimal, 2 = Optimal
- columns G to V correspond to the **self-reported measures**;
  - ANGRY\_PRE\_TASK (column G): Affect item angry pre task measure
  - IRRITATED\_PRE\_TASK (column H): Affect item irritated pre task measure
  - ANXIOUS\_PRE\_TASK (column I): Affect item anxious pre task measure
  - FRIGHTENED\_PRE\_TASK (column J): Affect item frightened pre task measure
  - ANGRY\_POST\_TASK (column K): Affect item angry post task measure
  - IRRITATED\_POST\_TASK (column L): Affect item irritated post task measure
  - ANXIOUS\_POST\_TASK (column M): Affect item anxious post task measure
  - FRIGHTENED\_POST\_TASK (column N): Affect item frightened post task measure
  - SUM\_ANGER\_PRE\_TASK (column O): Affect pre task sum score with recoded anger affect items
  - SUM\_ANGER\_POST\_TASK (column P): Affect post task sum score with recoded anger affect items
  - SUM\_FEAR\_PRE\_TASK (column Q): Affect pre task sum score with recoded fear affect items
  - SUM\_FEAR\_POST\_TASK (column R): Affect post task sum score with recoded fear affect items
  - TASK\_IMPORTANCE (column S): success importance
  - TASK\_DIFFICULTY (column T): subjective task difficulty
  - GOAL (column U): 1 = participants suspected that the goal of the study was to examine emotional primes; 2 = participants suspected that the goal of the study was to examine faces/images; 3 = participants suspected that the study was attempting to examine the manipulation of effort; 4 = participants had no idea of the goal of the study
  - VISIBILITY\_EMOTION (column V): 0 = participants did not report having seen a face during the priming procedure; 1 = participants reported seeing an emotional face during the priming procedure
- columns W to Z correspond to the **behavioral data**;
  - RT\_PRACTICE (column W): reaction times in the practice
  - RT\_TASK (column X): reaction times in the task
  - ACC\_PERCENT (column Y): response accuracy in the task, in percent
  - ACCURACY\_PERCENT\_PRACTICE (column Z): response accuracy in the practice, in percent
- columns AA to AF correspond to **the transformed measures of the behavioral data**;
  - LN\_RT (column AA): log transformation of the data for the reaction times of the task
  - LN\_RT\_PRACTICE (column AB): log transformation of the data for the reaction times of the practice

- LN\_ACC (column AC): log transformation of the data for the response accuracy of the task
- LN\_ACC\_PRACTICE (column AD): log transformation of the data for the response accuracy of the practice
- RANK\_TRANSFORMED\_ACC (column AE): rank transformation of the data for the response accuracy of the task
- RANK\_TRANSFORMED\_ACC\_PRACTICE (column AF): rank transformation of the data for the response accuracy of the practice
- columns AG to AV correspond to the **reactivity scores of the physiological measures**; *Here is an example with the Systolic Blood Pressure (PEP) parameter. DBP follows the same pattern.*
  - SBP\_DT (column AG): mean reactivity scores for the whole task period
  - SBP\_DT1 to SBP\_DT5 (column AH to AL): task reactivity scores for each of the 5 minutes separately
  - SBP\_B (column AM): mean of SBP values for the baseline period
  - SBP\_T (column AN): mean of SBP values for the task period
- columns AW to BV correspond to the **raw data of the physiological measures** (used to create the reactivity scores); *Here is an example with the pre-ejection period (SBP) parameter. DBP follows the same pattern.*
  - SBP\_B1 to SBP\_B8 (column AW to BD): SBP values for each minute of the baseline period
  - SBP\_T1 to SBP\_T5 (column BM to BQ): SBP values for each minute of the task performance period