

Input_files

Raw_di_data subfolder

***ID*.csv**

Pavlovia action-level data:
Responses to math problems
Response times
Responses to questionnaires (math anxiety, demo)
Eye-tracking data

AOIs.csv

AOI locations in stimuli

participant_ids.csv

IDs of participants to filter out pilot data

RawData/ACE

BACKWARDSSPATIALSPAN.cvs

STROOP.cvs

TASKSWITCH_V2.cvs

Processing_files

Pavlovia_data subfolder

***ID*.csv**

Action-level data:
Same as Raw_di_data +
Problem correctness
HOO position
Simplification option

Processing_4_Eyes_to_AOIs.py

AOI_hit subfolder

***ID*.csv**

Action-level data:
AOI hit data

Processing_5_AOI_hits_per_image.py

Processing_6_AOI_Combining_participants.py

EF_Processing.rmd

Output_files

Response_data.csv

Problem-level data:
response time and accuracy

MA_Demo_Student_data.csv

Student-level data:
self-reported demo, math anxiety, valence and arousal

AOI_hit_per_image subfolder

***ID*.csv**

Problem-level: AOI hit data

AOI_hits_combined.csv

Problem-level data: AOI hits by participants and problems

EF_data_combined.csv

Student-level data:
executive function data

