**Data Dictionary for Experiment 1**

**General Note:** The raw data in the data folder comes directly from the JsPsych experiment. It contains missing values (NAs) and is not organized. The first few lines of the script are designed to reorganize the variables into separate data frames for a more structured analysis. Please review the data after running these initial segments of the code to ensure clarity and organization.

1. \*\*subj\_id\*\*

Unique anonymous identifier assigned to each participant in the study.

2. \*\*trial\_type\*\*

Type of trial conducted, describing JsPysch plug-ins.

3. \*\*trial\_index\*\*

Sequential number of the trial for each participant.

4. \*\*time\_elapsed\*\*

Total time elapsed from the start of the experiment to the end of the trial, measured in milliseconds.

5. \*\*sequence\*\*

Indicates which sequence (0 or 1) was used for the participant. Sequence=0 OinC search first; Sequence=1 CinO search first.

6. \*\*rt\*\*

Time taken by the participant to respond to the stimulus in a trial, measured in milliseconds.

7. \*\*set\_size\*\*

Number of items or elements presented to the participant during the trial.

8. \*\*target\_present\*\*

Boolean indicator (True/False) of whether the target was present in the trial.

9. \*\*RT\*\*

Redundant variable generated automatically by JsPsych. Time taken by the participant to respond to the stimulus in a trial, measured in milliseconds.

10. \*\*response\*\*

Participants responses to the questionnaires. In thie variable few questions are viewed together.

11. \*\*target\_position\*\*

Position of the target within the trial setup.

12. \*\*distractor\_positions\*\*

Positions of distractors in the trial setup.

13. \*\*correct\_response\*\*

Expected correct response for the trial.

14. \*\*test\_part\*\*

Phase of the experiment (e.g., practice, Block OinC; Block CinO).

15. \*\*correct\*\*

Boolean indicator (True/False) denoting whether the participant's response was correct.

16. \*\*stimulus\*\*

Description or identifier of the stimulus presented during the trial.

17. \*\*key\_press\*\*

Key pressed by the participant in response to the stimulus.

18. \*\*search\_type\*\*

Type of search task performed during the trial: CinO - open square among closed squares"; OinC closed sqaure among open squares.

19. \*\*responses\*\*

Recording of participant's responses in text-based or multiple-choice format trials.

20. \*\*question\_order\*\*

Order in which questionnaire items were presented.

21. \*\*Identifier\*\*

Identifier tagging data to specific questionnaires.

22. \*\*question\*\*

Identifier tagging the specific item in which response was given to.

23. \*\*answer\_oci\*\*

Participant's response to questions specifically in the OCI-R segment.

24. \*\*answer\_dass\*\*

Participant's response to questions specifically in the DASS segment.