

Data depository associated with:

Monsell, S., & Graham, B. The role of verbal working memory in rapid procedural acquisition of a choice response task.

To be published in Cognition. <https://doi.org/10.1016/j.cognition.2021.104731>

The following files are provided:

Data

For each experiment the data folder contains a raw data file for each participant
The data files are tabbed .txt files.

The Data Coding.docx file explains the meaning of the codes in each column in the data file.

For Exp 1, the data files are named RITL6_Pn_data.txt, where n is the participant number.

For Exp 2, the data files are named RITL8_Pn_data.txt.

For Exp 3, the data files are name RITL7_Pn_data.txt

For Exp 4, the data files are names RITL9_Pn_data.txt

[where n = the participant number]

There is also a file Exps 1-4 data tables.xlsx containing summary tables of the acquisition functions (error rate, average correct RT as a function of practice) per participant for each condition.

E-prime script files

The experiments were conducted in E-prime 2. For each of Experiments 1-4 – the .es2 "master" script used for the first participant in each experiment is supplied. Different trial sequences (as seen in the data files) were generated offline for every participant and pasted into this master script. To run each script, the appropriate set of Stimulus files for the object images and other visual stimuli is needed.

Names of script files (as for the data files:)

Exp 1 RITL6_Master.es2

Exp 2 RITL8_Master.es2

Exp 3 RITL7_Master.es2

Exp 4 RITL9_Master.es2

Stimulus files

The same set is used for Exps 1-3, a different set for Exp 4.

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