

Data Documentation File Experiment 1

Variable	Documentation
CR_T_tree	Indicates the correct response key for the category tree (d, k)
CR_T_flower	Indicates the correct response key for the category flower (d, k)
CR_T_fish	Indicates the correct response key for the category fish (d, k)
CR_T_bird	Indicates the correct response key for the category bird (d, k)
Congruency	Indicates the response congruency in the current trial “congruent” means that target and distractor require the same response “incongruent” means that target and distractor require different responses
Distractor	Indicates the distractor-type in the current trial “within” means that the distractor stems from the same task as the target word “between” means that the distractor stems from the alternative task
Effort_Trial	Allows to differentiate between practice and test trials - An empty cell denotes a practice trial - A cell containing “Effort_Trial” indicates a test trial
Image	Indicates the distractor image shown in the current trial
Task	Indicates the task, participants had to perform in the current trial (1 = plant task, 2 = animal task)
Transition	Indicates the transition of the task (0 = no transition, 1 = task repetition, 2 = task switch)
Trial	Indicates the actual trial number
Word	Indicates the target word presented in the current trial - words of the category tree: Eiche, Linde, Buche, Tanne - words of the category flower: Tulpe, Lilie, Rose, Nelke - words of the category fish: Karpfen, Hecht, Lachs, Dorsch - words of the category bird: Amsel, Taube, Fink, Meise
code	Participant identifier

	→ Note: The two participants with the codes 3726 and 3744 were excluded from the analyses due to exceeding the age limit of 40 years.
correct	Indicates whether participants responded correctly (true = correct response, false = incorrect response)
correctResponse	Indicates the correct response key for the current trial (d, k)
duration	Indicates how long the current page was displayed; on the page “target” the duration indicates the participant’s reaction time
response	Indicates the key that was actually pressed by the participant
sender	Indicates the page of the experiment
timestamp	Date and time of participation

For questions regarding the dataset or its documentation, please contact:

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