Data description

Reproducible Analyses (SoSe23)

Daniela Palleschi

2023-04-12

Table of contents

Lifetime pilot data **1**

Tidy lifetime pilot data **1**

Lifetime pilot data

The following table gives a brief description of the variables (columns) from the dataset `data/data_lifetime_pilot.csv`.

Tidy lifetime pilot data

After our Data Wrangling session, your data should have the following variables (with different names, if you prefer) after our data wrangling session. This should be saved as `data_tidy_lifetime_pilot.csv` (or another name if you prefer).

Table 1: Variable names and descriptions for dataset 'data_lifetime_pilot.csv'

	Description
RECORDING_SESSION_LABEL	participant ID
TRIAL_INDEX	trial number
EYE_USED	which eye was tracked
IA_DWELL_TIME	total reading time
IA_FIRST_FIXATION_DURATION	first fixation duration
IA_FIRST_RUN_DWELL_TIME	first-pass reading time
IA_FIXATION_COUNT	number of fixations
IA_ID	ROI number
IA_LABEL	ROI text
IA_REGRESSION_IN	whether the ROI had any regression(s) in
IA_REGRESSION_IN_COUNT	number of regressions in
IA_REGRESSION_OUT	whether the ROI had any regression(s) out
IA_REGRESSION_OUT_COUNT	number of regressions out
IA_REGRESSION_PATH_DURATION	regression path duration
KeyPress	binary naturalness judgement key press value (4 or 5)
rt	reaction time from beginning of critical sentence to button press
bio	lifetime-context sentence text
critical	critical sentence text
gender	referent gender
item_id	item number
list	list number
match	whether filler items matched or not
condition	critical condition (or 'filler' for fillers)
name	referent name
name_vital_status	referent lifetime
tense	tense (Present Perfect or Simple Future, or 'filler' for fillers)
type	critical or filler
yes_press	the key press value that corresponded to 'yes' in the experimental set-up. This was counterbalanced between participants (left-key: 4, right-key: 5)

Table 2: Variable names and descriptions for dataset ‘data/data_tidy_lifetime_pilot.csv‘

	Description
px	participant ID
trial	trial number
region	ROI name
region_n	ROI number
region_text	ROI text
eye	which eye was tracked
ff	first fixation duration
fp	first-pass reading time
rpd	regression path duration
tt	total reading time
fix_count	number of fixations
reg_in	whether the ROI had any regression(s) in
reg_in_count	number of regressions in
reg_out	whether the ROI had any regression(s) out
reg_out_count	number of regressions in
rt	reaction time from beginning of critical sentence to button press
bio	lifetime-context sentence text
critical	critical sentence text
gender	referent gender
item_id	item number
list	list number
match	whether filler items matched or not
condition	critical condition (or ’filler’ for fillers)
name	referent name
lifetime	referent lifetime
tense	tense (Present Perfect or Simple Future, or ’filler’ for fillers)
type	critical or filler
yes_press	the key press value that corresponded to ’yes’ in the experimental set-up. This was counter
KeyPress	binary naturalness judgement key press value (4 or 5)
accept	whether KeyPress equaled the participant’s ’yes’ button, meaning a ’yes’ naturalness judge
accuracy	whether ’accept’ matched the ’congruence’ level
px_accuracy	participant’s average accuracy across all items (critical and filler)