| variable | description |
| --- | --- |
| session\_id | Unique identifier for each session; in most cases each participant had only one session per wave |
| session\_restart\_id | Unique identifier for each sub-session; the front-end allowed participants to restart their session and every time they did the same session\_id was maintained but each restart was associated with a unique session\_restart\_id |
| time\_elapsed | jsPsych generated variable (https://www.jspsych.org/v7/overview/plugins/#data-collected-by-all-plugins); time (ms) elapsed since start of the current `session\_restart\_id`; further adjusted during the processing pipeline to be since the start of the session (`session\_id`) for ease of processing |
| trial\_index | jsPsych generated variable (https://www.jspsych.org/v7/overview/plugins/#data-collected-by-all-plugins); auto-incremented trial counter since start of the current ` (`session\_id`)\_restart\_id`; further adjusted during the processing pipeline to be since the start of the session (`session\_id`) for ease of processing |
| custom\_timer\_ended\_trial | some trials were associated with a custom timer and if participants did not provide a response in time, the current trial was closed and this variable recorded TRUE |
| trial | task-specific trial counter |
| rt | jsPsych generated variable; in ms; applies to some `trial\_type`s, e.g. html-keyboard-response (https://www.jspsych.org/v7/plugins/html-keyboard-response/#data-generated) |
| func | generative function - exponential or linear |
| direction | direction of trend - positive or negative |
| noise\_condition | noise condition - high or low |
| y\_axis\_values | a vector of up to 36 values with the final values on the y axis in pixels |
| chart\_height | the height of the chart on that trial |
| datapoints | datapoints condition - datapoints\_30 or datapoints\_10 |
| displayed\_values | a vactor of 10 or 30 values (depending on `datapoints` condition), in pixels |
| prediction\_1 | the prediction of point 1 out of 6 on that trial; value is relative to chart height (y axis value provided in pixels divided by `chart\_height`) |
| prediction\_2 | the prediction of point 2 out of 6 on that trial; value is relative to chart height (y axis value provided in pixels divided by `chart\_height`) |
| prediction\_3 | the prediction of point 3 out of 6 on that trial; value is relative to chart height (y axis value provided in pixels divided by `chart\_height`) |
| prediction\_4 | the prediction of point 4 out of 6 on that trial; value is relative to chart height (y axis value provided in pixels divided by `chart\_height`) |
| prediction\_5 | the prediction of point 5 out of 6 on that trial; value is relative to chart height (y axis value provided in pixels divided by `chart\_height`) |
| prediction\_6 | the prediction of point 6 out of 6 on that trial; value is relative to chart height (y axis value provided in pixels divided by `chart\_height`) |
| ground\_truth\_prediction\_1 | the ground prediction of point 1 out of 6 on that trial; value is relative to chart height (ground truth y axis value in pixels divided by `chart\_height`) |
| ground\_truth\_prediction\_2 | the ground prediction of point 2 out of 6 on that trial; value is relative to chart height (ground truth y axis value in pixels divided by `chart\_height`) |
| ground\_truth\_prediction\_3 | the ground prediction of point 3 out of 6 on that trial; value is relative to chart height (ground truth y axis value in pixels divided by `chart\_height`) |
| ground\_truth\_prediction\_4 | the ground prediction of point 4 out of 6 on that trial; value is relative to chart height (ground truth y axis value in pixels divided by `chart\_height`) |
| ground\_truth\_prediction\_5 | the ground prediction of point 5 out of 6 on that trial; value is relative to chart height (ground truth y axis value in pixels divided by `chart\_height`) |
| ground\_truth\_prediction\_6 | the ground prediction of point 6 out of 6 on that trial; value is relative to chart height (ground truth y axis value in pixels divided by `chart\_height`) |
| squared\_error\_1 | the squared error between participant-provided prediction and the ground-truth response for point 1 |
| squared\_error\_2 | the squared error between participant-provided prediction and the ground-truth response for point 2 |
| squared\_error\_3 | the squared error between participant-provided prediction and the ground-truth response for point 3 |
| squared\_error\_4 | the squared error between participant-provided prediction and the ground-truth response for point 4 |
| squared\_error\_5 | the squared error between participant-provided prediction and the ground-truth response for point 5 |
| squared\_error\_6 | the squared error between participant-provided prediction and the ground-truth response for point 6 |
| mse | mean of squared error across the 6 predictions; NA values are dropped |