

General information

- Separate components for separate experiments contain .mat files with experimental conditions in variable `expDes` and dependent measures such as `sc` (staircase values), `loc_accu` (localization accuracy), `discr_accu` (discrimination accuracy), `age`, and `gender`.
- Additional meta information was removed from the results files.
- Analysis scripts are called `eval_`, e.g. `eval_exp1` or `eval_exp2_cfs`
- There are some comments in the analysis scripts that aid understanding

Experiment 1

Analysis script (requires Palamedes toolbox) extracts staircase thresholds for all four paradigms in different cells.

Experiment 2

Separate scripts and components for the three different paradigms, extract mean localization accuracy for every subject and condition.

Experiment 3

Script extracts the three different d' , as well as localization and detection accuracy contingent on discrimination accuracy.

Experiment 4a and 4b

Script extracts the two different d' , as well as localization accuracy contingent on discrimination accuracy.