

OVERVIEW

MAIN INPUT

CONTRASTS AND PROBABILITIES

REVIEW

CONSOLE

RESET

SETTINGS

## Design parameters

These parameters refer to your design and need your careful attention.

Number of stimulus types

4

Scanner TR (seconds)

3

### Trial structure

What does one trial look like? Probably there is some time before the stimulus of interest (the target), where a fixation cross is shown. Maybe there is some time after the stimulus is presented.

Seconds before stimulus\*

0

Stimulus duration (seconds)

1

Seconds after stimulus\*

0

### Duration of experiment

- If you give duration: number of trials = duration/(trialduration + mean ITI)
- If you give number of trials: duration = (trialduration + mean ITI)\* number of trials

duration

Total duration of the task

Unit of duration\*

minutes

### Inter Trial Interval (ITI)

The ITI's can be fixed or variable. Variable ITI's can be sampled from a uniform model or a truncated exponential model.

Choose a model to sample ITI's from\*

uniform

Minimum ITI (seconds)

Maximum ITI (seconds)

### Contrasts

How many contrasts do you want to optimise? You can choose to include all pairwise comparisons. You can also add custom contrasts (to be specified on the next page). You can do both.

☐ Check to include all pairwise contrasts

Number of custom contrasts

0