

README – Behavioral data

behavioral_data_1FGH.mat

```
x = load('behavioral_data_1FGH.mat');
data = x.data;
data      13000x17      2709250  dataset
```

	Variable name	Size	Min	Max	Comment
1	pres	1x1	1	325	Object number
2	occluded	1x1	1	1	Occluded images only
3	scramble	1x1	0	0	Images not scrambled
4	soa	1x1	0.025	0.15	Target stimulus onset asynchrony (seconds)
5	bubble_centers	1x1 0			Coordinates for bubbles
6	pres_time	1x1			Presentation time
7	nblubbles	1x1	4	8	Number of bubbles
8	reaction_times	1x1	0.368 5	40.7632	Reaction time (seconds)
9	responses	1x1	1	8	Responses
10	response category	1x1	1	5	Response category
11	correct	1x1	0	1	1 if response was correct, 0 otherwise
12	truth	1x1	1	5	Actual category shown
13	VBLsoa	1x1	23.01	164.91	Actual SOA (milliseconds)
14	masked	1x1	0	1	1 if backward masking trial and 0 otherwise
15	subject	1x1	152	172	Subject number internal code
16	strong	1x1	0	0	Only used in experiments with strong mask
17	black	1x1	33.89	100.0	

To plot figures 1F, G and H

plot_fig_1FGH

plotPerformanceByPercentOcc → plots Figures 1F and 1G

plotPerformanceByPercentOcc → plots Figure 1H