README – Neurophysiological data

```
data_occlusion_PHYS.mat
x = load('data_occlusion_PHYS.mat');
```

	Variable name	Size	Min	Max	Comment
1	patient	1x1	26	27	Internal subject number
2	nele	1x1	45	49	Internal electrode number
3	trial_idx	1x1			
4	pres	1x1	1	25	Image index
5	nblubbles	1x1	6	11	Number of bubbles
6	bubble_centers	1x15			Bubble positions
7	truth	1x1	1	5	Actual category presented
8	black	1x1	39.9	95.3	
9	latency	1x1	102	494	Response peak latency (ms)
10	um	1x1	0.95	1.0	
11	m	1x5			
12	Num	1x1	20	23	
13	Nm	1x5			
14	vt	1x257 or 1x501			Voltage response (microvolts) from 200 ms before stimulus onset to 600 ms after stimulus onset
15	AUCum	1x1	119.0	125	Area under the curve (psychophysics)
16	AUCm	1x1	72.6	125	Area under the curve (psychophysics)
17	MI	1x1	0	0.42	Masking index

To plot figure 2D

```
plot_fig_2D
```