

MCS D Lab

Once you have completed all 50 trials, you and your partner work from the same data to calculate the PSE and JND. Using the provided graphs on page 2, plot your probabilities on the Psychometric function plot (Figure 1) and then estimate an ogive curve that fits those points. Next, plot your regression line on the z transformed psychometric function plot (Figure 2). Indicate on Figures 1 and 2 the PSE and JND.

Comparison Stimuli					
Judgment	STD				
	0	.25	.5	.75	1
f(Greater)					
f(Less)					
Total	10	10	10	10	10
p(+)					
z(+)					
z'(+) 					
p'(+) 					
	slope	y-incpt			
Lower Limen					
Upper Limen					
PSE Estimate					
jnd					

- | |
|----------------------|
| 1. Interpret the PSE |
| 2. Interpret the JND |

Figure 1

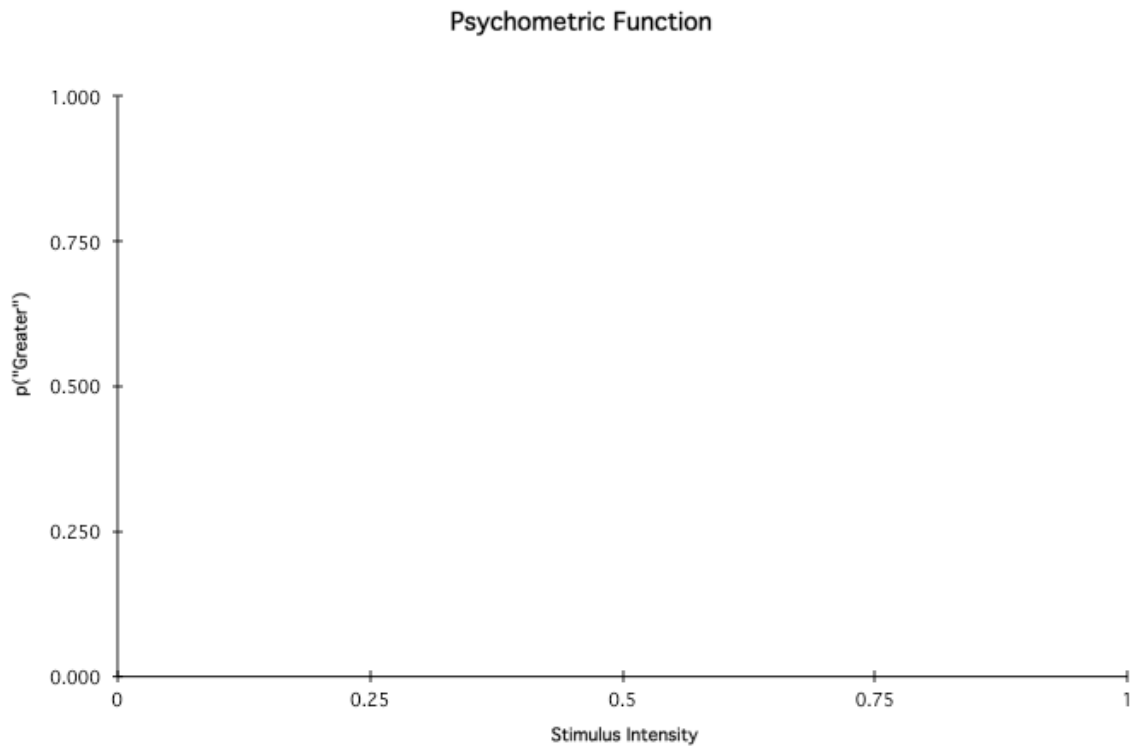


Figure 2

