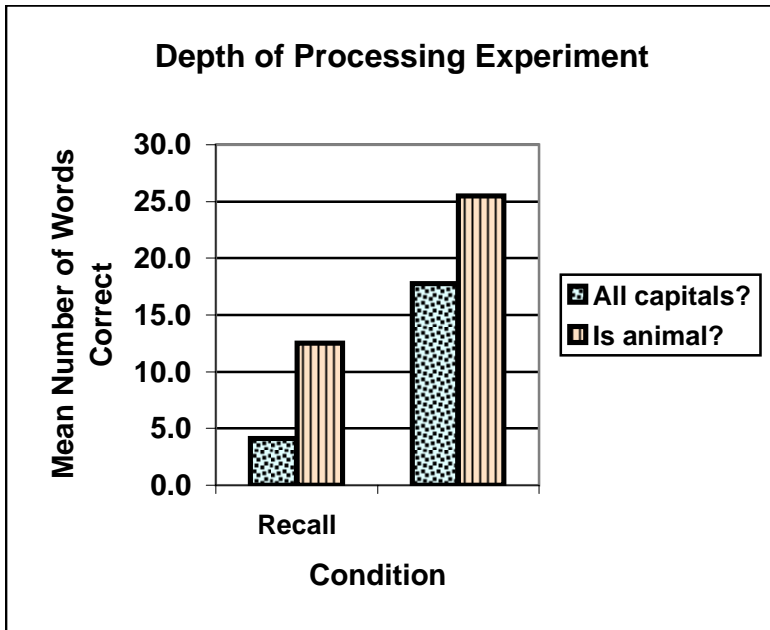


Psychology 105
Depth of Processing Experiment
31 January 2008

Participant	All CAPITAL letters?			Is an animal?		
	Recall	Recognition	False Recognition	Recall	Recognition	False Recognition
1	6	20	2	10	24	1
2	5	21	2	10	23	2
3	4	12	2	7	21	6
4	3	14	7	30	29	3
5	5	26	3	13	28	3
6	2	17	4	13	32	0
7	4	13	4	12	27	5
8	4	19	0	5	20	2
MEAN	4.1	17.8	3.0	12.5	25.5	2.8
Median	4.0	18.0	2.5	11.0	25.5	2.5
Standard Deviation	1.2	4.7	2.1	7.6	4.2	2.0
Standard Error	2.4	9.2	4.1	14.9	8.2	3.9



NULL HYPOTHESIS 1: there is no effect of condition on # words recalled
 NULL HYPOTHESIS 2: there is no effect of condition on # words recognized

T-Tests of null hypotheses: (2-tailed)

Recall: $p < 0.0170$ These results would be considered
 Recog: $p < 0.0037$ statistically significant.

p: probability of observing an effect of condition when there really isn't one
 (probability of falsely rejecting the null hypothesis)

Based on these results, we can reject the null hypothesis and conclude that the independent variable of instructions (CAPS/ANIMAL) had an effect on recall and recognition.