

Table 12.4

Verbal Representations of the Research and Null Hypotheses for the Study Method \times Time Delay Interaction

	<i>Verbal Statement of Hypothesis</i>	<i>Mean Difference in Simple Effects Created by</i>
Research hypothesis (H_1)	The effect of studying method on exam scores is different for people with short versus long time delays between studying and the exam (i.e., there is an interaction between the two IVs).	The IVs interacting to affect memory performance
Null hypothesis (H_0)	The effect of studying method on exam scores is the same for people with short and long time delays between studying and the exam (i.e., there is no interaction between the two IVs).	Sampling error