CHAPTER 9: Hypothesis Testing for Proportions

SQ9-1: The category of interest (e.g., “Yes”) out of two possible categories.

SQ9-2: \( P = \text{population proportion of subjects in the reference category}; a = \text{hypothesized value.} \)

SQ9-3: The proportions of subjects in the reference category for two independent populations.

SQ9-4: The population proportions of subjects in the reference category when (a) the same subjects are measured twice on the same variable, say, before and after an event, (b) the same subjects are measured on two different variables, or (c) two matched groups of subjects are compared on the same variable.

SQ9-5: A.

SQ9-6: D.

SQ9-7: C.

SQ9-8: C.

SQ9-9: Hint: Replicate the procedure in Example 9.1 for the variable named any [first column in Figure 9.1].

SQ9-10: Hint: Follow the hints and references to examples provided with the question.


SQ9-12: Hint: See Figure 9.3 and related SPSS steps to test \( H_0: P_1 = P_2 \) for independent samples.