

Binomial Hypothesis Template

All Binomial Hypothesis Tests take the same form. Use the following template to make sure you have included everything. Wherever there is a “■” or “...” you need to write something.

$$X = \text{“.....”}$$

$$X \sim B(\blacksquare, \blacksquare)$$

$$p = \text{“.....”}$$

$$H_0 : p = \blacksquare$$

$$H_1 : p > \blacksquare \text{ or } p < \blacksquare \text{ or } p \neq \blacksquare$$

$$\alpha = \blacksquare\%$$

■-tail test

Draw quick sketch of distribution of X (vertical line chart)