

Calculate test statistics

$$Z_{stat} = \frac{\hat{p} - p^0}{\sqrt{\frac{p^0(1-p^0)}{n}}} = \frac{0.68 - 0.60}{\sqrt{\frac{0.60(1-0.60)}{250}}}$$

$$= \frac{0.08 \times \sqrt{250}}{\sqrt{0.6 \times 0.4}} = \frac{0.08 \times 15.8113}{0.4899}$$

$$Z_{stat} = 2.5819$$

$Z_{stat}$  is greater than decision boundary 1.29.

hence, we reject the null hypothesis.

Conclusion; There is no evidence to support that vehicle ownership is 60% of Ind.