

| | | | |
|--|---|--|---|
| <p>Inference 10.1</p> <p>2 - Proportion Z Test Formula</p> | <p>Inference 10.1</p> $z = \frac{\hat{p}_1 - \hat{p}_2}{\sqrt{\frac{\hat{p}_1(1-\hat{p}_1)}{n_1} + \frac{\hat{p}_2(1-\hat{p}_2)}{n_2}}}$ | <p>Inference 10.2</p> <p>2 - Sample T Test Formula</p> | <p>Inference 10.2</p> $t = \frac{\bar{x}_1 - \bar{x}_2}{\sqrt{\frac{s_1^2}{n_1} + \frac{s_2^2}{n_2}}}$ |
| <p>Inference 10.3</p> <p>2 - Proportion Z Interval Formula</p> | <p>Inference 10.3</p> $\hat{p}_1 - \hat{p}_2 \pm Z^* \left(\sqrt{\frac{\hat{p}_1(1-\hat{p}_1)}{n_1} + \frac{\hat{p}_2(1-\hat{p}_2)}{n_2}} \right)$ | <p>Inference 10.4</p> <p>2 - Sample T Interval Formula</p> | <p>Inference 10.4</p> $\bar{x}_1 - \bar{x}_2 \pm t^* \left(\sqrt{\frac{s_1^2}{n_1} + \frac{s_2^2}{n_2}} \right)$ |
| <p>Inference</p> | <p>Inference</p> | <p>Inference</p> | <p>Inference</p> |
| <p>Inference</p> | <p>Inference</p> | <p>Inference</p> | <p>Inference</p> |