

$$\pm z \frac{s_y}{\sqrt{n}} \sqrt{1 - \hat{\rho}^2}$$

$$\pm z \frac{s_y}{\sqrt{n}} \text{FPC}$$

$$\bar{y} + (\mu_x - \bar{x}) \hat{\rho} \frac{\sqrt{\overline{y^2} - (\bar{y})^2}}{\sqrt{\overline{x^2} - (\bar{x})^2}}$$

$$\bar{y} + (\mu_x - \bar{x}) \hat{\rho} \frac{s_y}{s_x}$$

$$\pm z \sqrt{\frac{s_x^2}{n_x} + \frac{s_y^2}{n_y}}$$

$$\pm z \sqrt{\frac{\hat{p}_x \hat{q}_x}{n_x} + \frac{\hat{p}_y \hat{q}_y}{n_y}}$$