equations for final

$$\bar{x} \pm z\left(\frac{s}{\sqrt{N}}\right)$$

$$P_s \pm z\left(\sqrt{\frac{P_u(1-P_u)}{N}}\right)$$

$$\frac{\bar{x}_1 - \bar{x}_2}{\sqrt{\frac{s^2}{N} + \frac{s^2}{N}}}$$

$$\frac{P_{s1} - P_{s2}}{\sigma_{p-p}}$$

$$\sqrt{P_u(1-P_u)}\sqrt{\frac{N_1 + N_2}{N_1 N_2}}$$

$$\frac{N_1 P_{s1} + N_2 P_{s2}}{N_1 + N_2}$$