

Formulas to Know:

Confidence Intervals for Transformed Variables (asymmetrical CI's)

3 forms of logistic regression model: ln(odds), odds, probability

Odds, and OR

Z and Chi square tests

Rank sums and U for Wilcoxon Mann Whitney, Z test

Rank sums for Kruskal Wallis, Chi square test

Spearman r, Z test

Only 3 Formulas that will be given to you:

$$SE_{R_A} = SE_{R_B} = SE_U = \sqrt{\frac{n_A n_B (N+1)}{12}}$$

$$H = \frac{12}{N(N+1)} \sum_{i=1}^g \frac{(\text{obs}R_i - \text{exp}R_i)^2}{n_i}$$

$$SE_{r_s} = \frac{1}{\sqrt{n-1}}$$