

Supplementary Material for: Confidence Intervals for Difference in Proportions for Matched Pairs Compatible with Exact McNemar's or Sign Tests

Michael P. Fay and Keith Lumbard

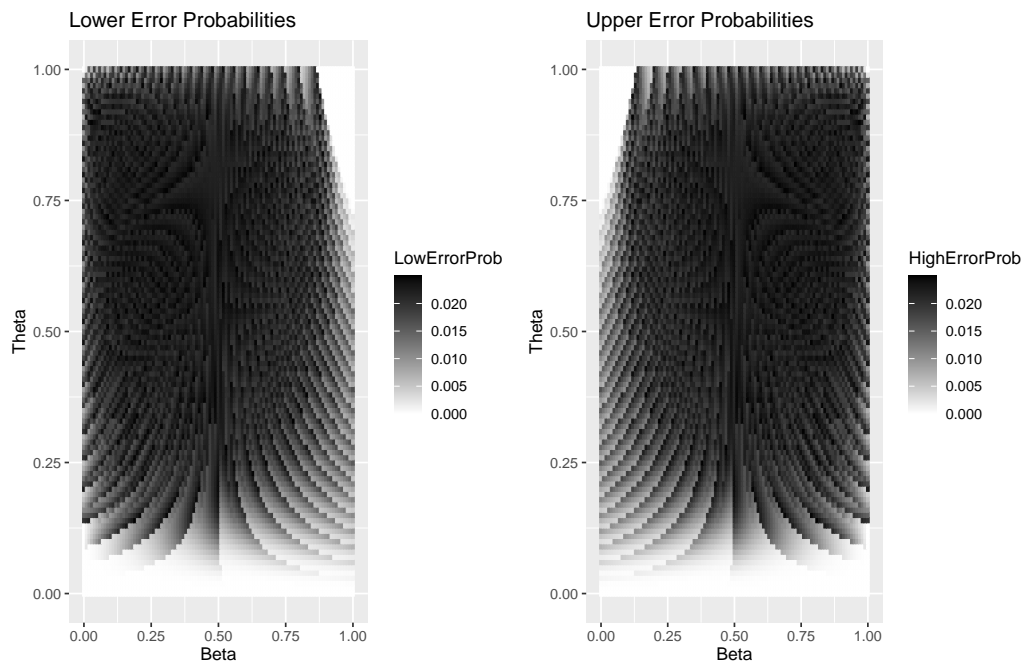


Figure S.1: Lower and upper errors from the 95% central Wang confidence interval for Δ using the `ExactCliff` R package when $n = 26$ for all values of $\beta, \theta \in \{0, 0.01, 0.02, \dots, 1\}$. All errors are less than the nominal 0.025.

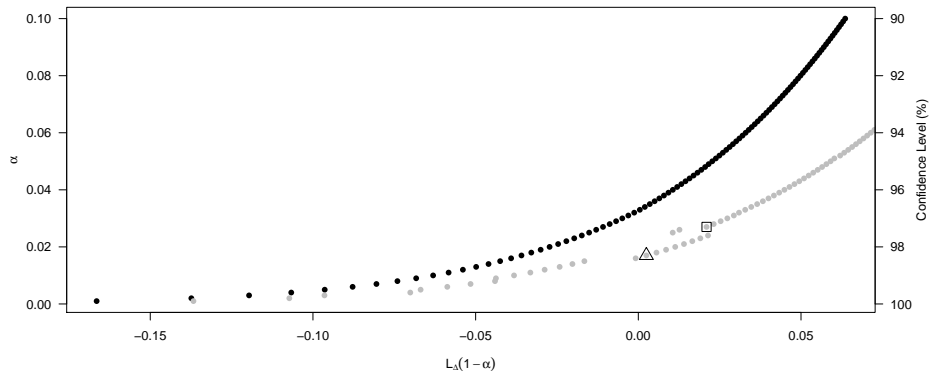


Figure S.2: Lower $100(1-\alpha)\%$ confidence limits by $\alpha \in \{0.001, 0.002, \dots, 0.100\}$ for the data $x = 9$, $m = 11$ and $n = 26$. Black dots are the lower limit for the melding interval, $L_{\Delta}(1-\alpha)$, and gray dots are the lower limit for the Wang interval, $L_{\Delta}^W(1-\alpha)$. The point outlined by a square is Wang's one-sided 97.3% limit, $L_{\Delta}^W(0.973; 9, 11, 26) = 0.021$, and the point outlined by a triangle is the one-sided 98.3% limit, $L_{\Delta}^W(0.983; 9, 11, 26) = 0.0025$.