Joint Effect of Clone Count and Sum Condition Relaxation

Figure 1: Two visualizations of the interaction effects of clone count and the sum condition relaxation parameter $\varepsilon$. Both plots show the same data generated from 10000 trials of the approximate ancestry graph method. Notice that higher values of $\varepsilon$ negatively impact solution quality when there are more than 6 clones, with a stronger effect at higher clone counts. Intriguingly, higher $\varepsilon$ appears to improve mean solution quality when $n < 6$. This may be related to the improved performance of the approximate ancestry graph for small $n$. 