Balanced lineage frequency distribution

Balanced lineage frequency distribution

Slightly skewed lineage frequency distribution

Slightly skewed lineage frequency distribution

Highly skewed lineage frequency distribution
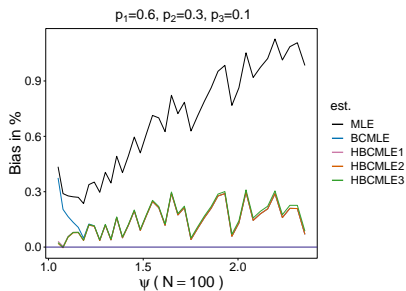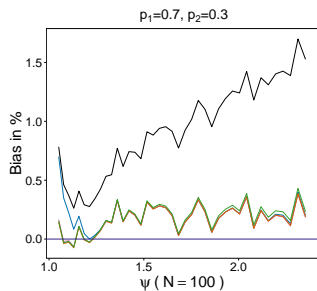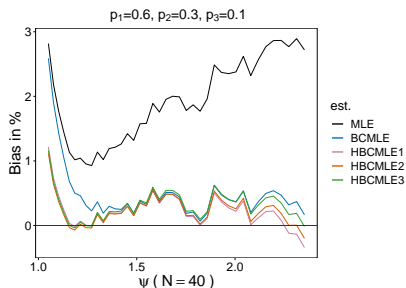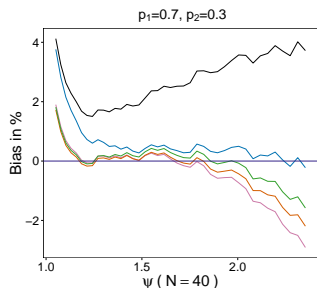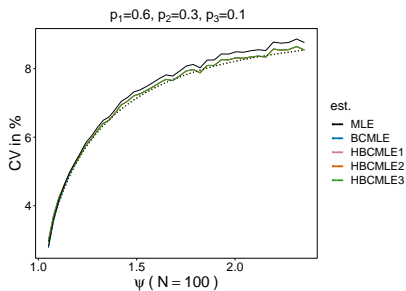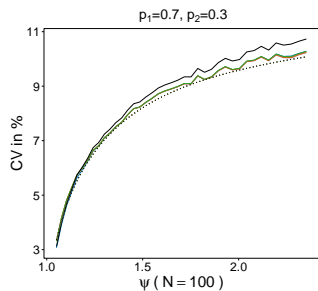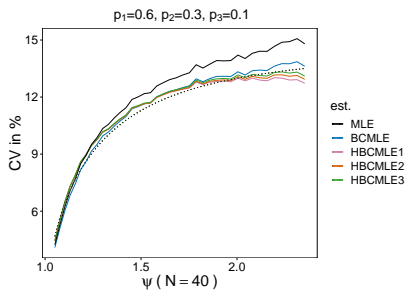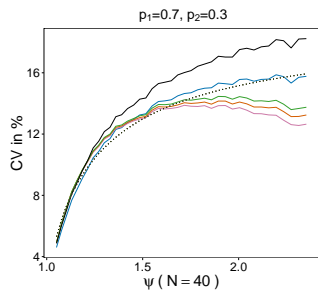
Highly skewed lineage frequency distribution

Balanced lineage frequency distribution

Rule of the thumb (Efron-Bootstrap): $\left| \frac{\text{bias}(\hat{\theta}, \theta)}{\text{sd}(\hat{\theta})} \right| \leq 0.25$.
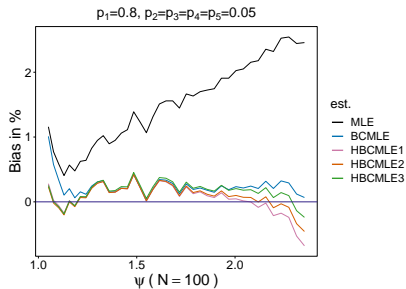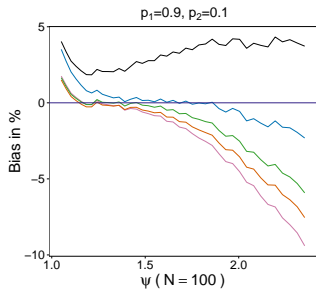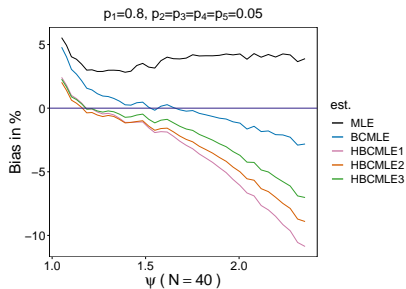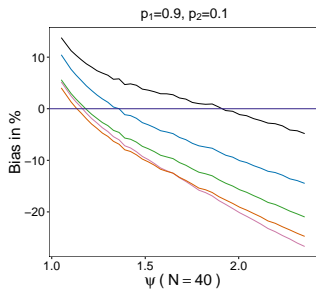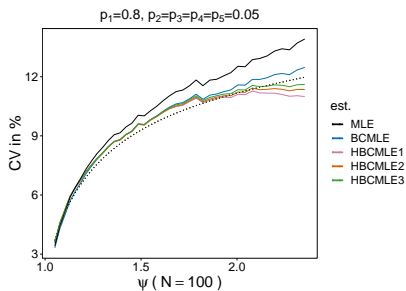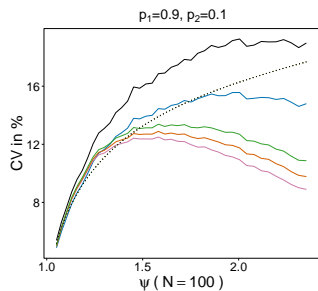
Slightly skewed lineage frequency distribution

Highly skewed lineage frequency distribution
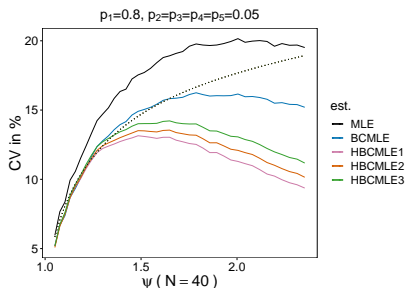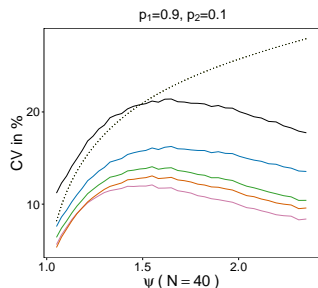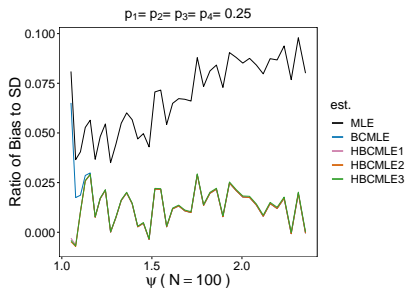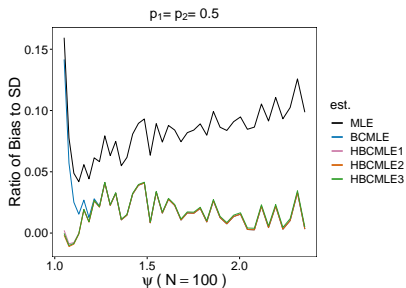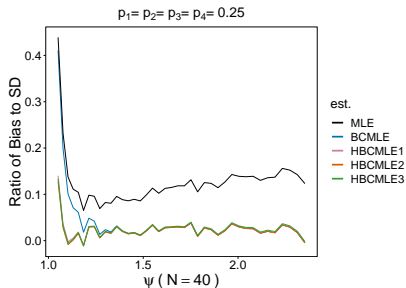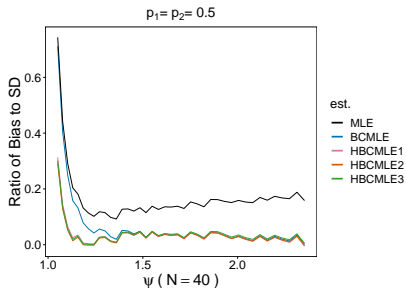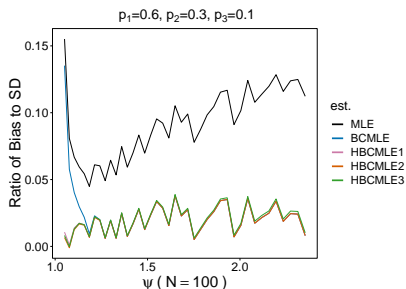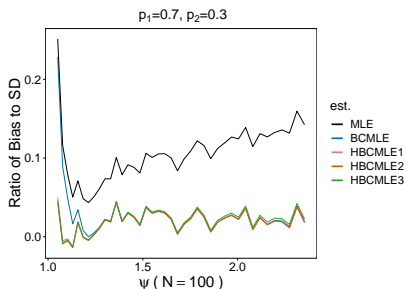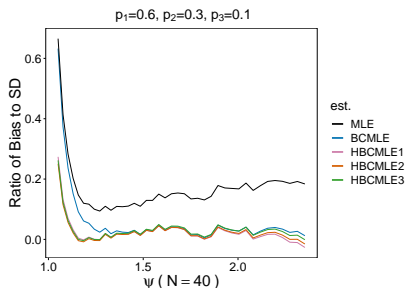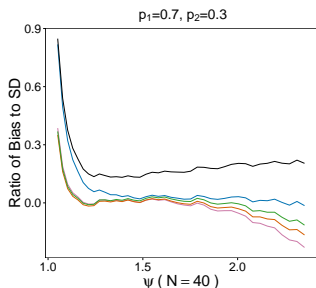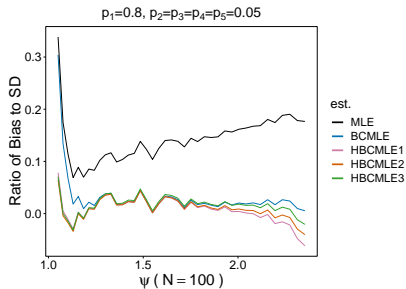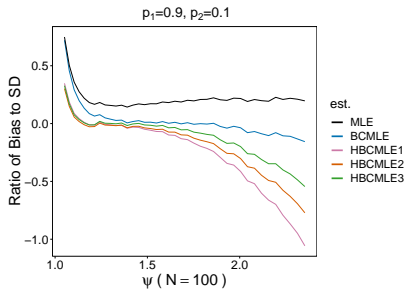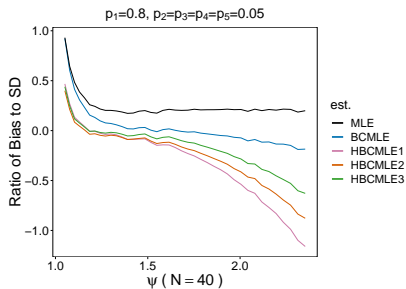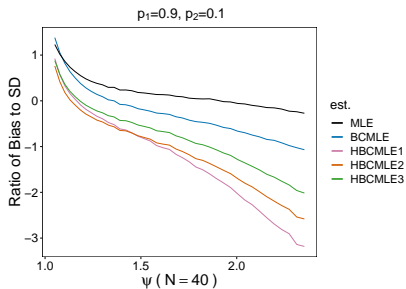
Balanced lineage frequency distribution
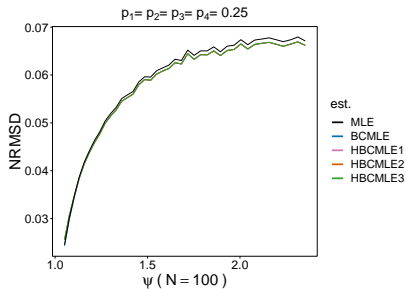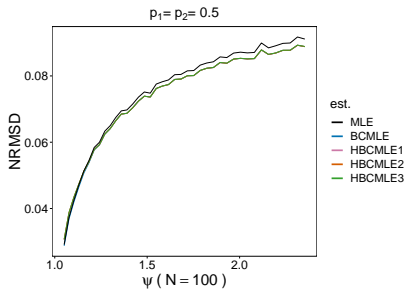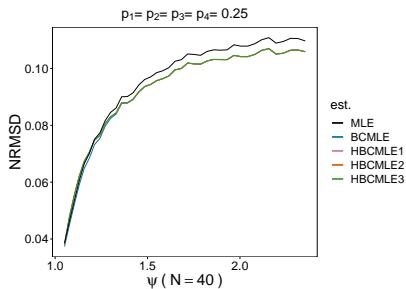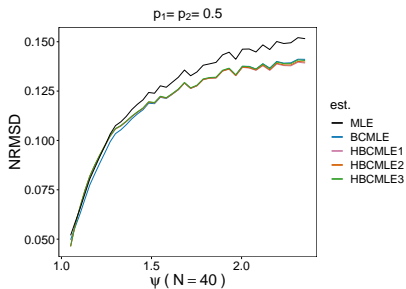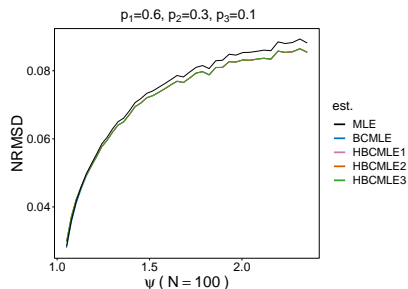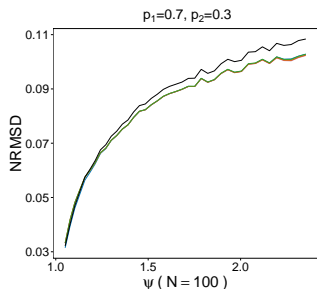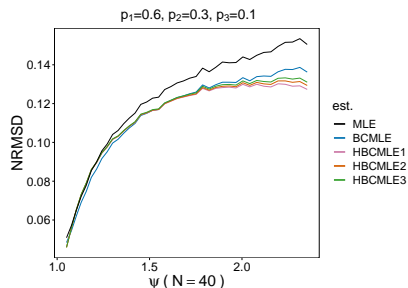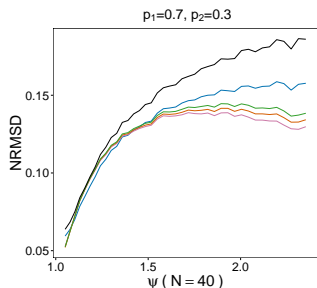
Slightly skewed lineage frequency distribution

Highly skewed lineage frequency distribution