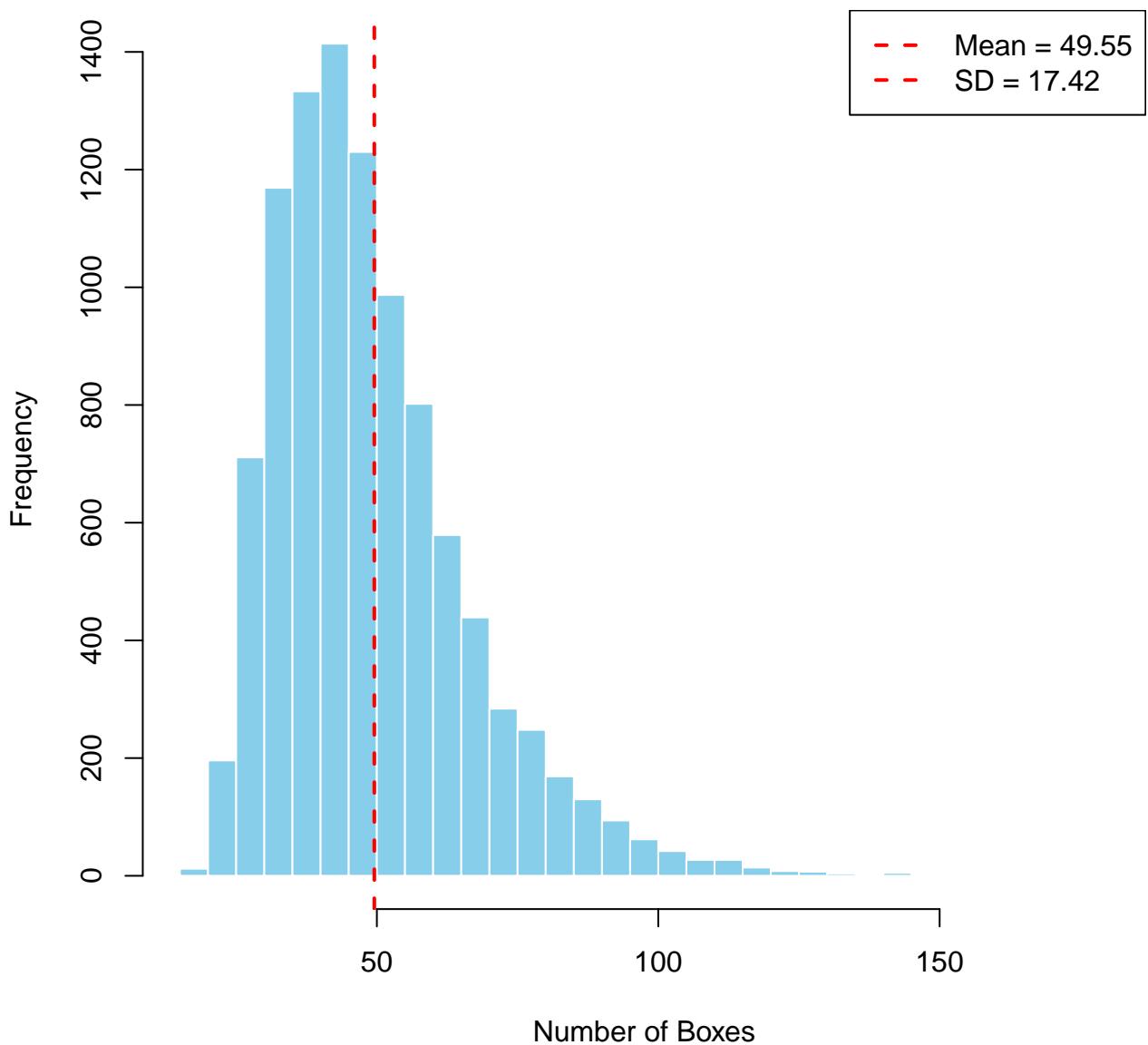
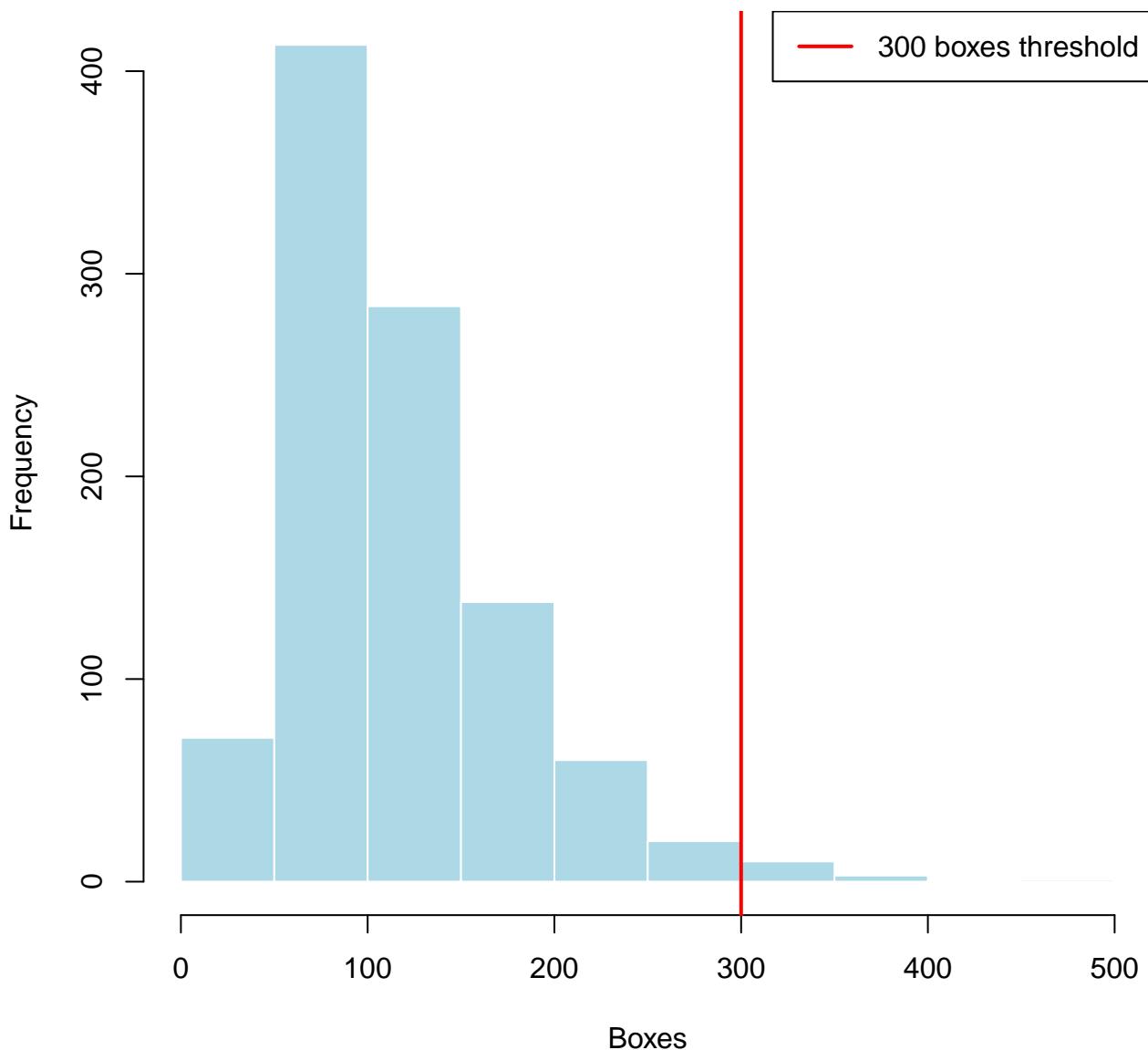


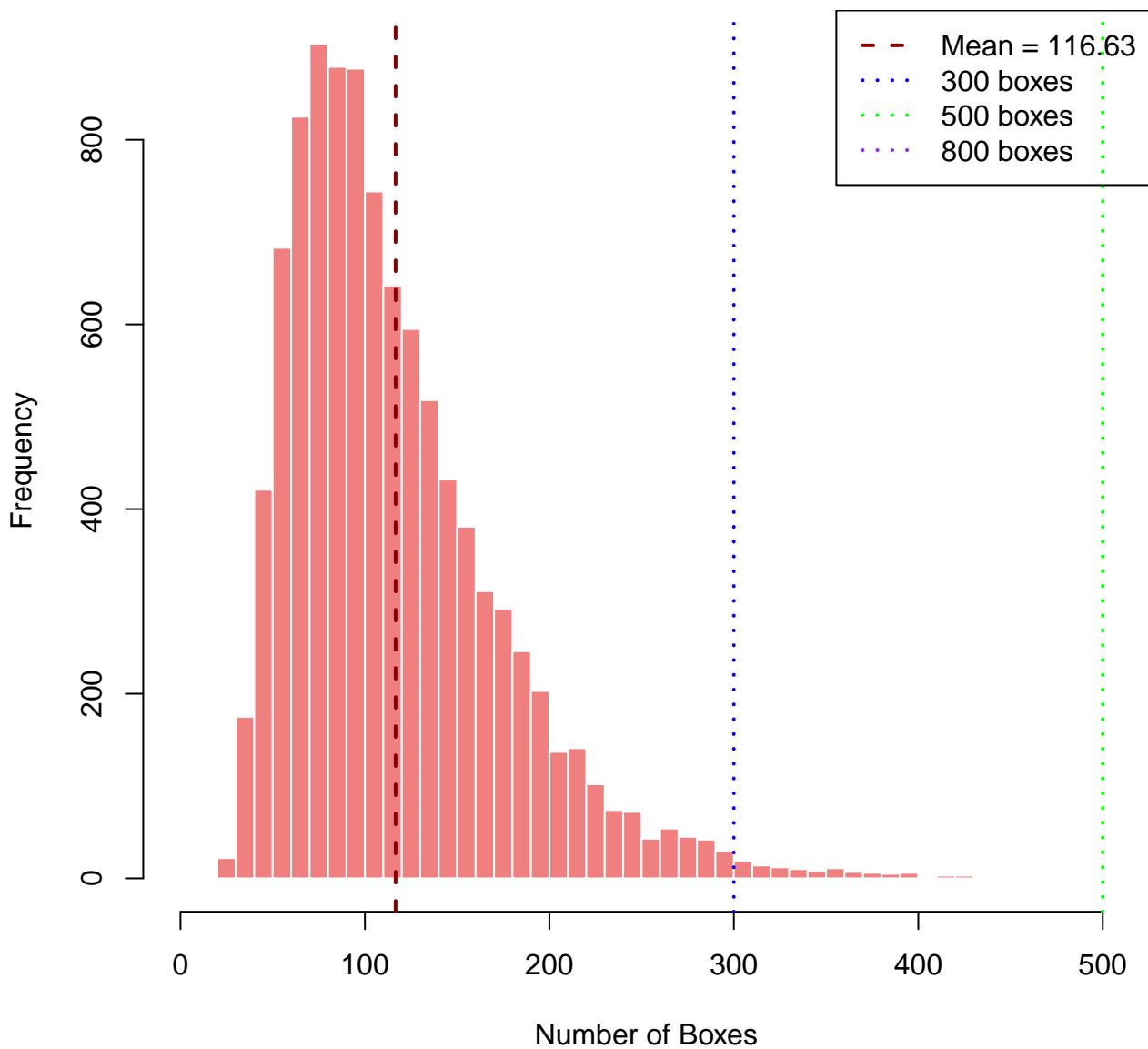
## Distribution of Boxes Needed (Equal Probabilities)



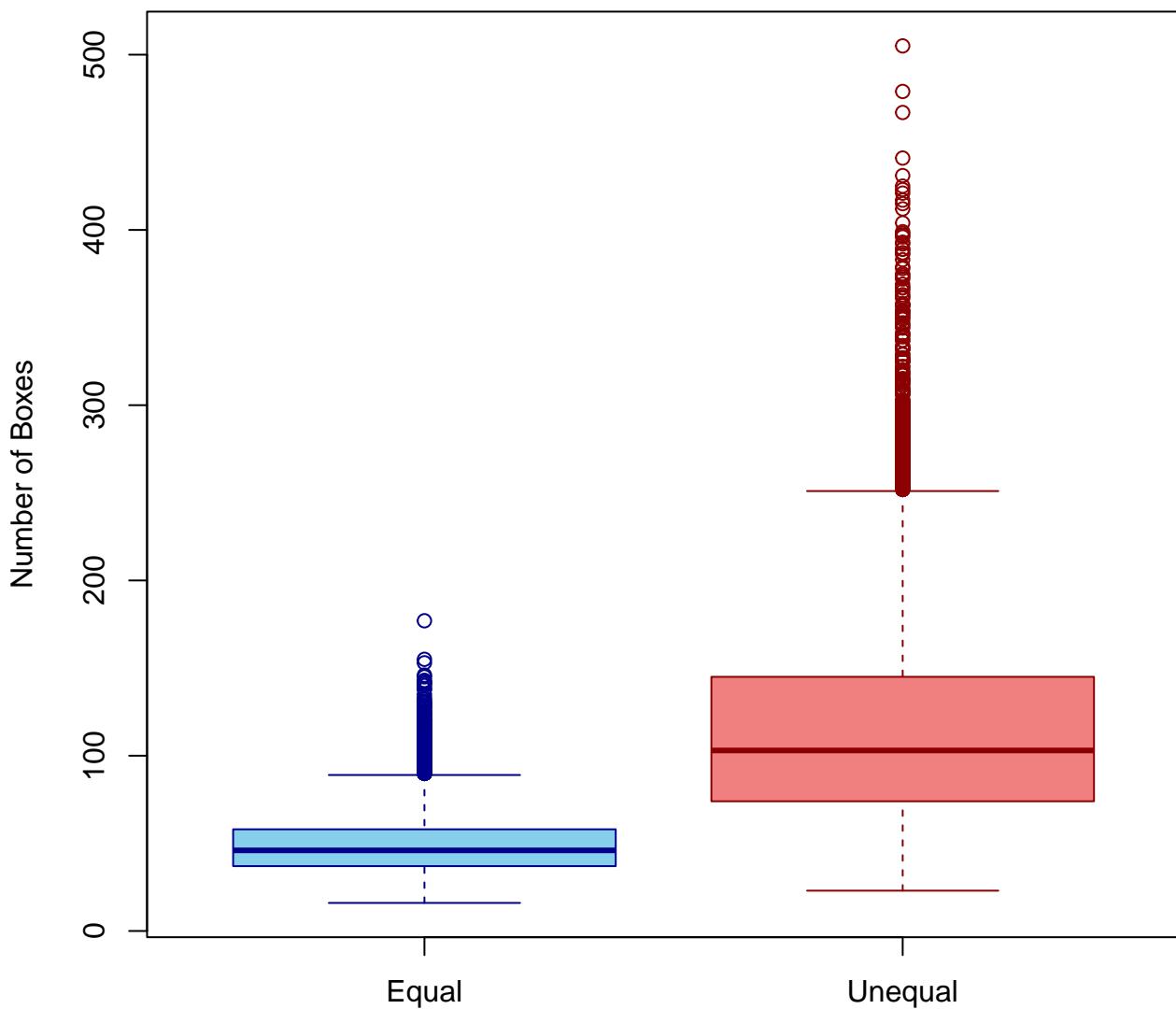
## Histogram of Total Boxes



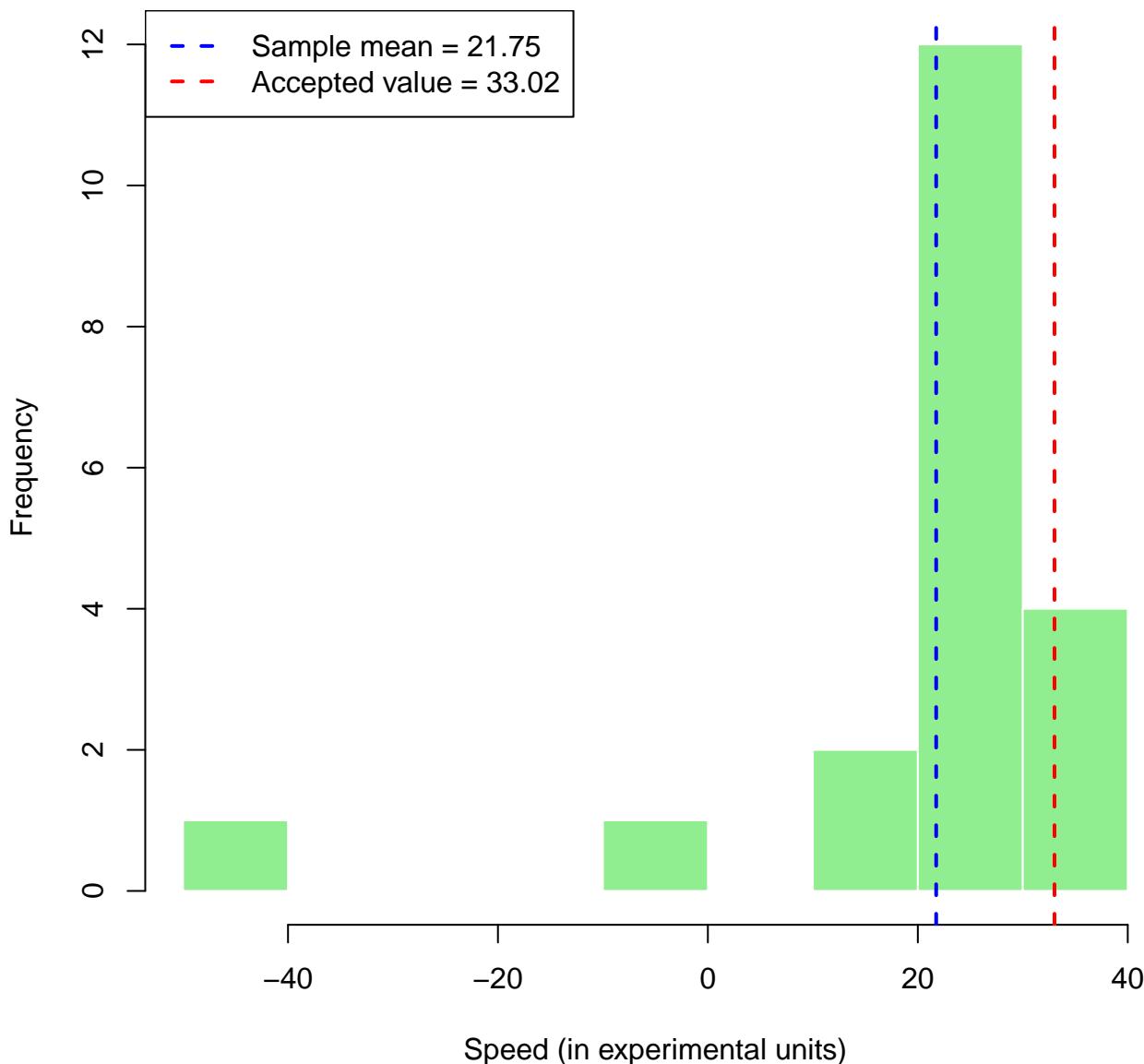
## Distribution of Boxes Needed (Unequal Probabilities)



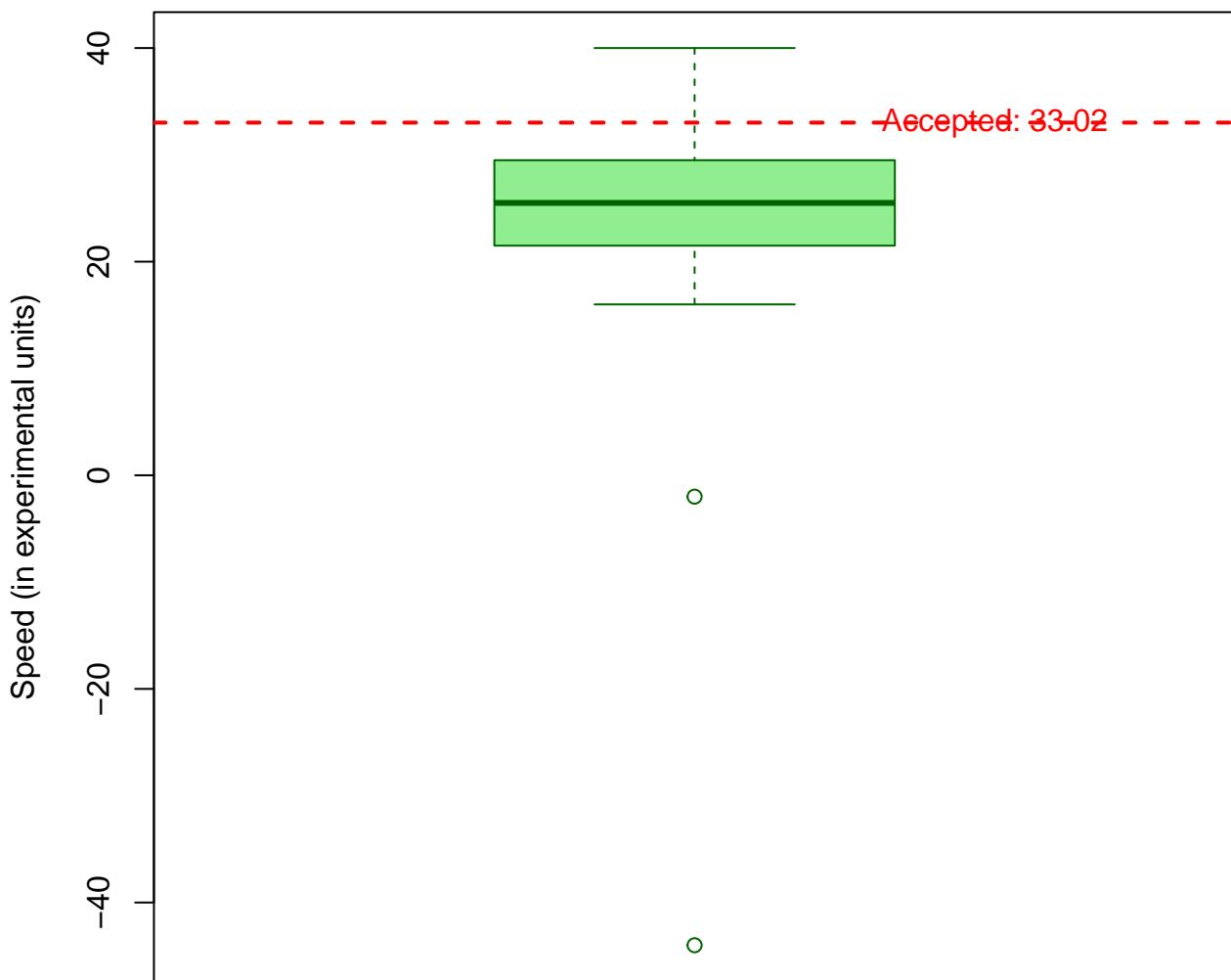
## Comparison: Equal vs Unequal Probabilities



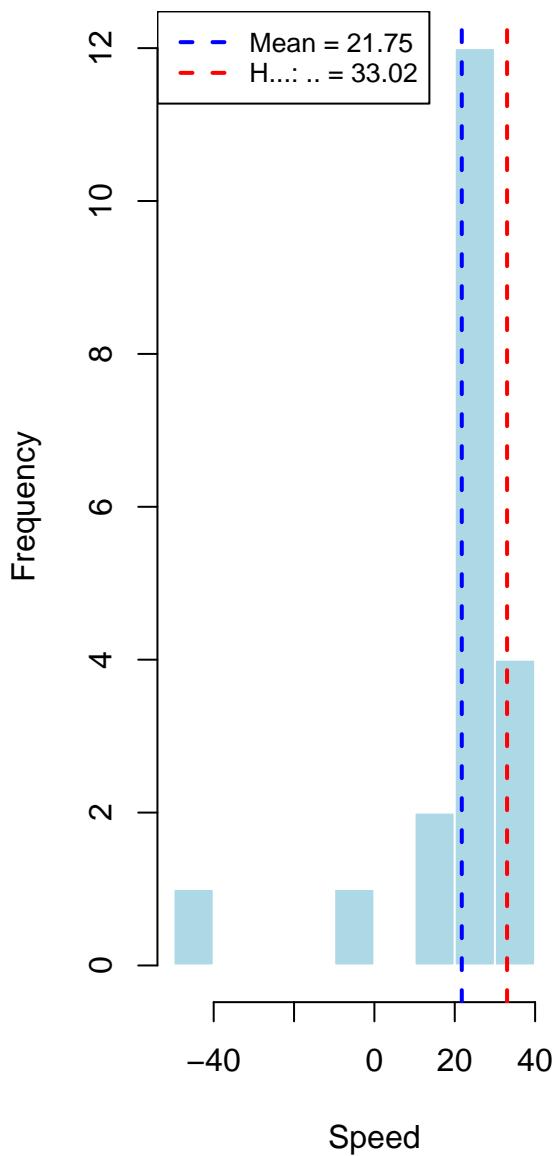
## Newcomb's Speed of Light Measurements (1882)



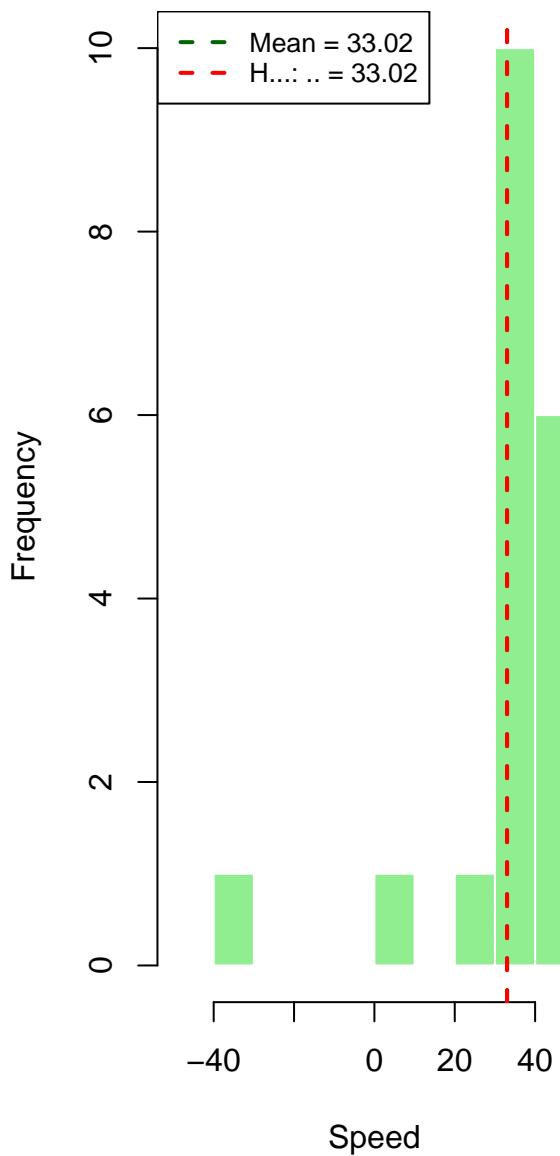
# Speed of Light Measurements



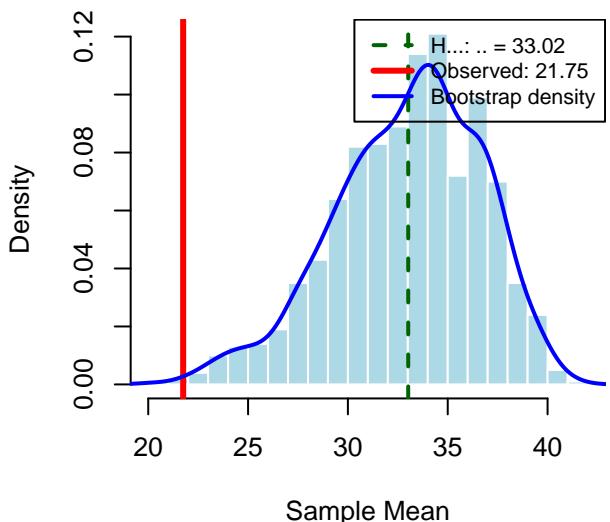
### Original Data



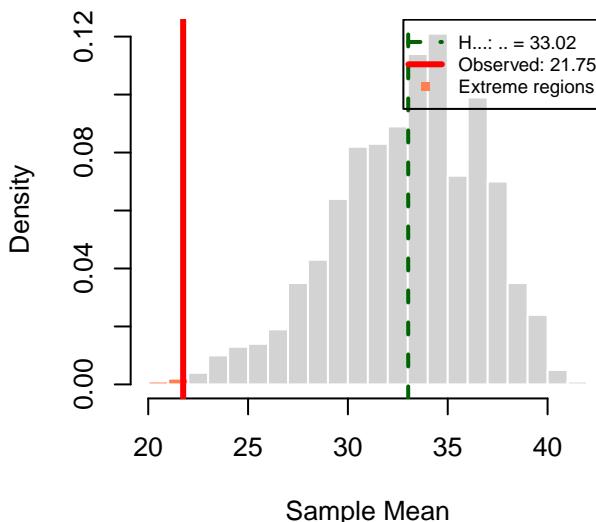
### Shifted Data (H... is True)



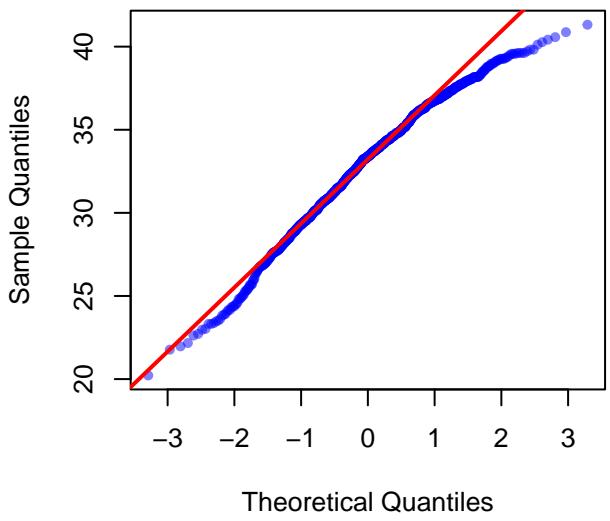
### Bootstrap Sampling Distribution of $X_{\cdot \cdot}$ Under $H_0$



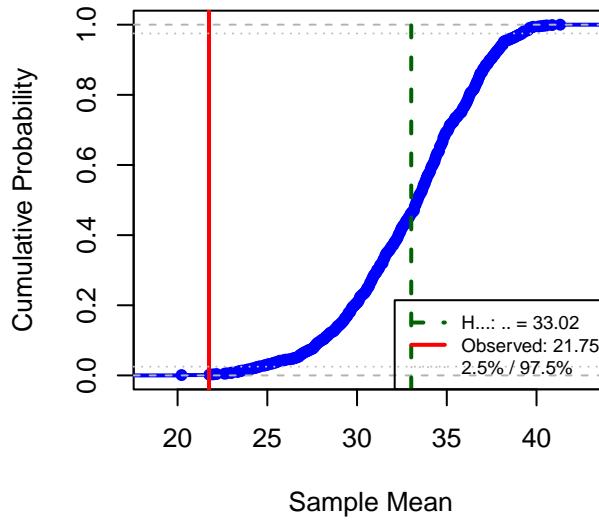
### P-value Region (Two-Sided Test)



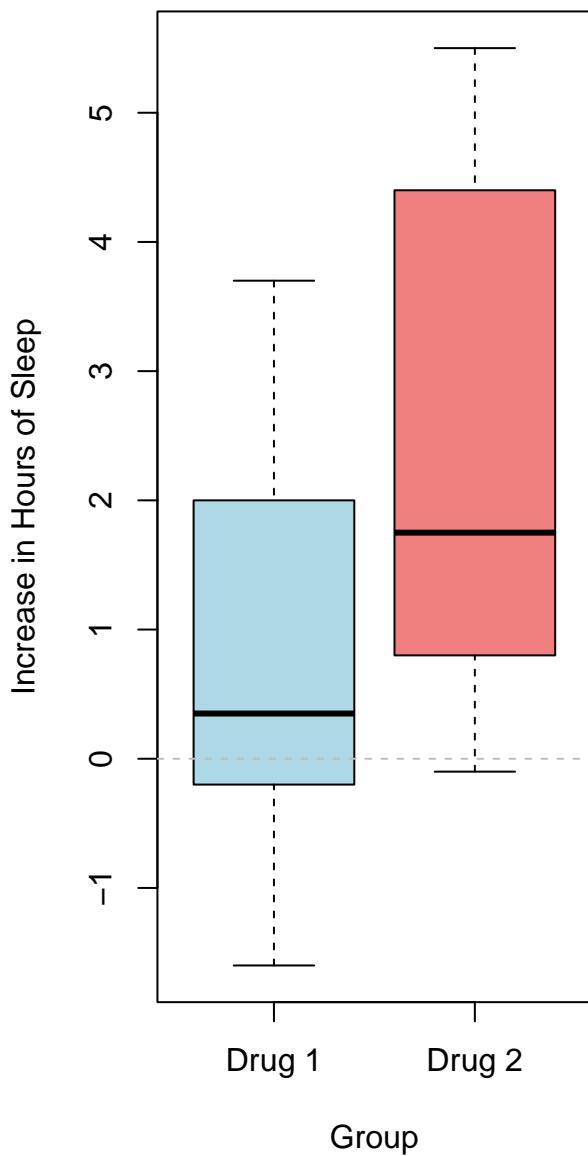
### Q-Q Plot: Bootstrap Distribution



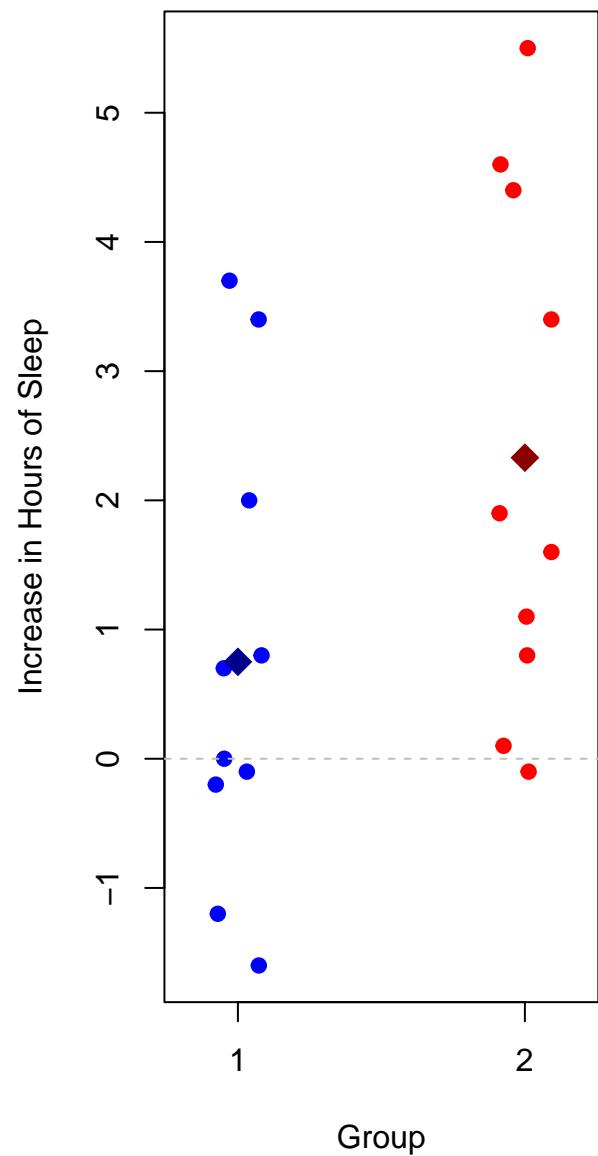
### Empirical CDF of Bootstrap Means



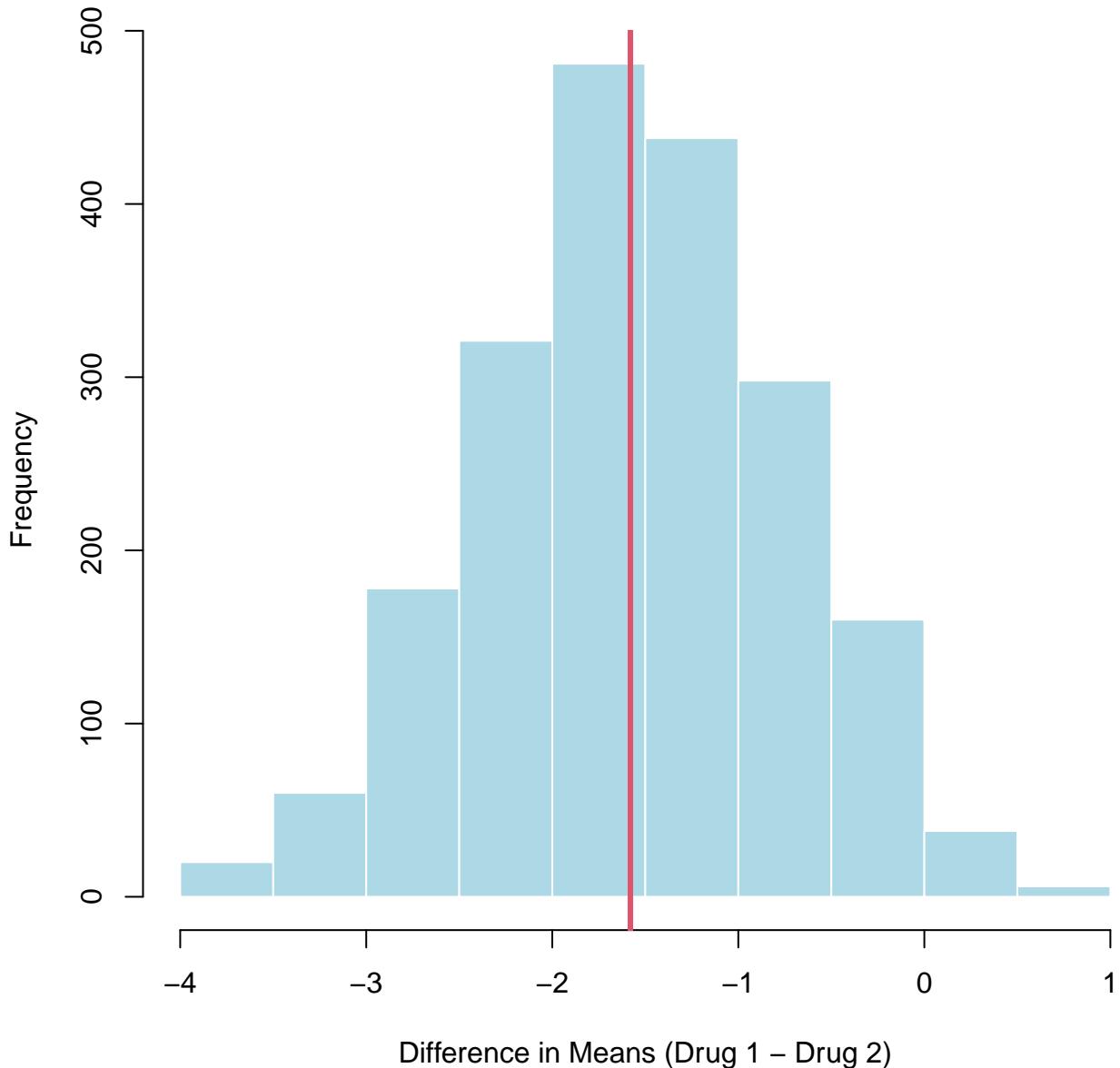
### Sleep Increase by Drug



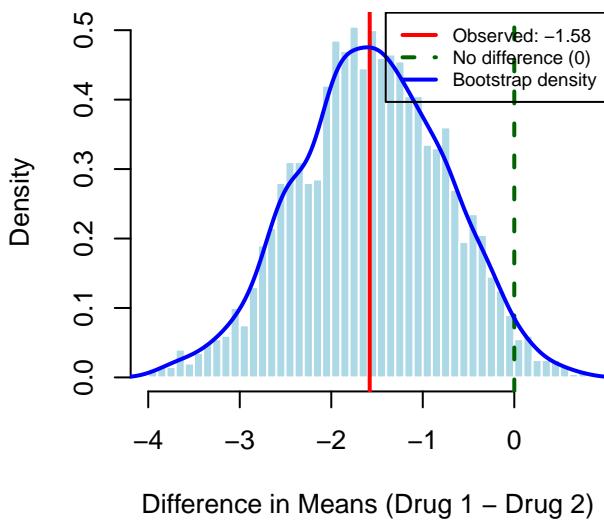
### Individual Sleep Increases



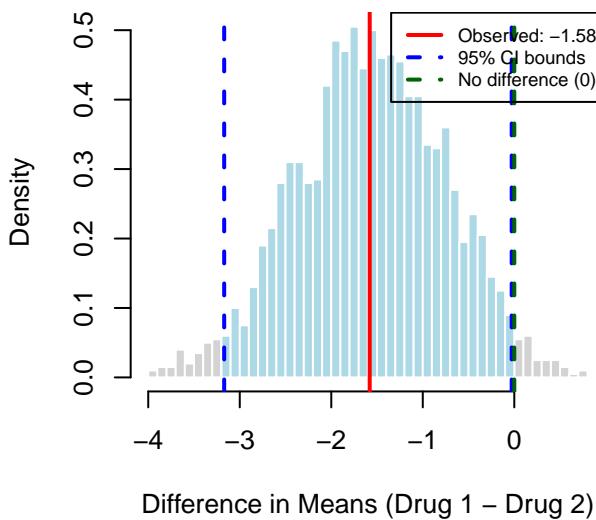
## Bootstrap Sampling Distribution



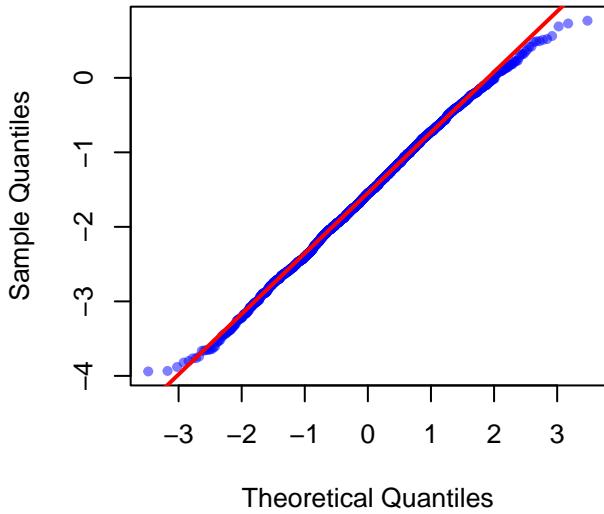
## Bootstrap Distribution of Difference in Means



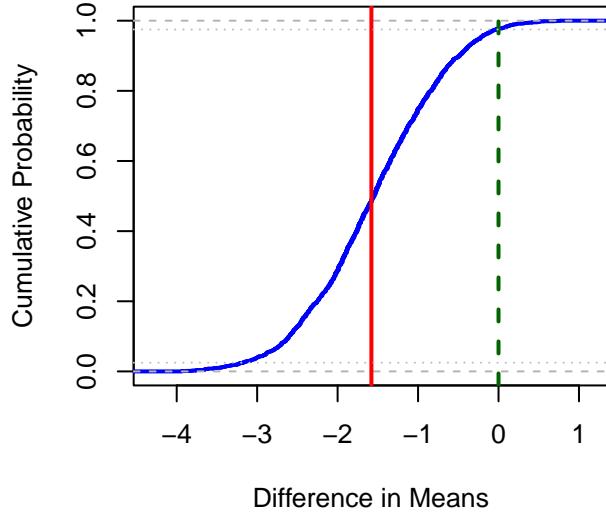
## 95% Bootstrap Confidence Interval



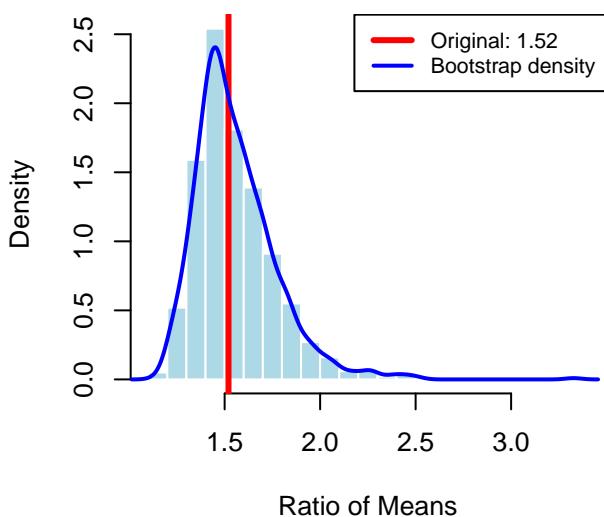
## Q-Q Plot: Bootstrap Differences



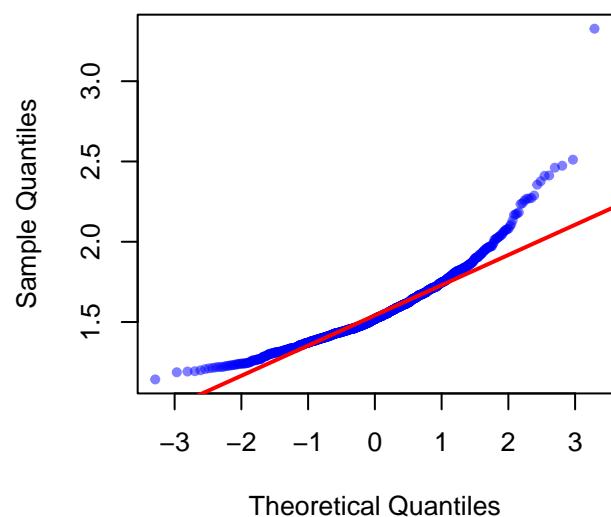
## Empirical CDF



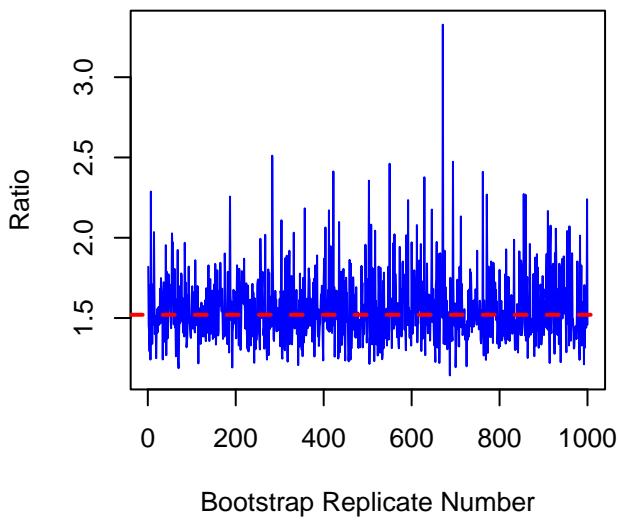
### Bootstrap Distribution of Ratio



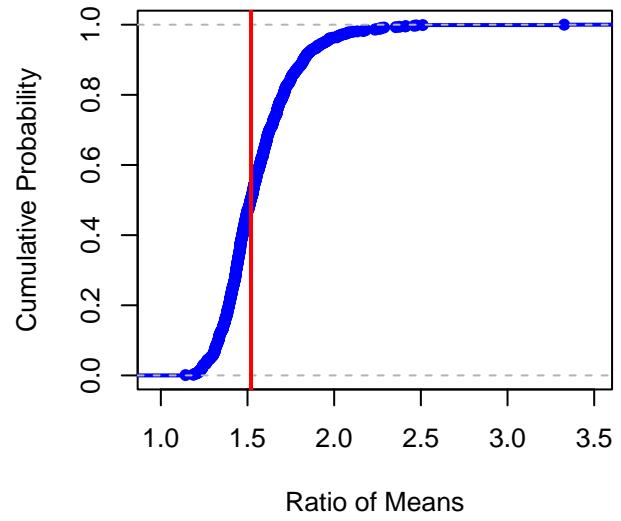
### Q-Q Plot: Bootstrap Ratios



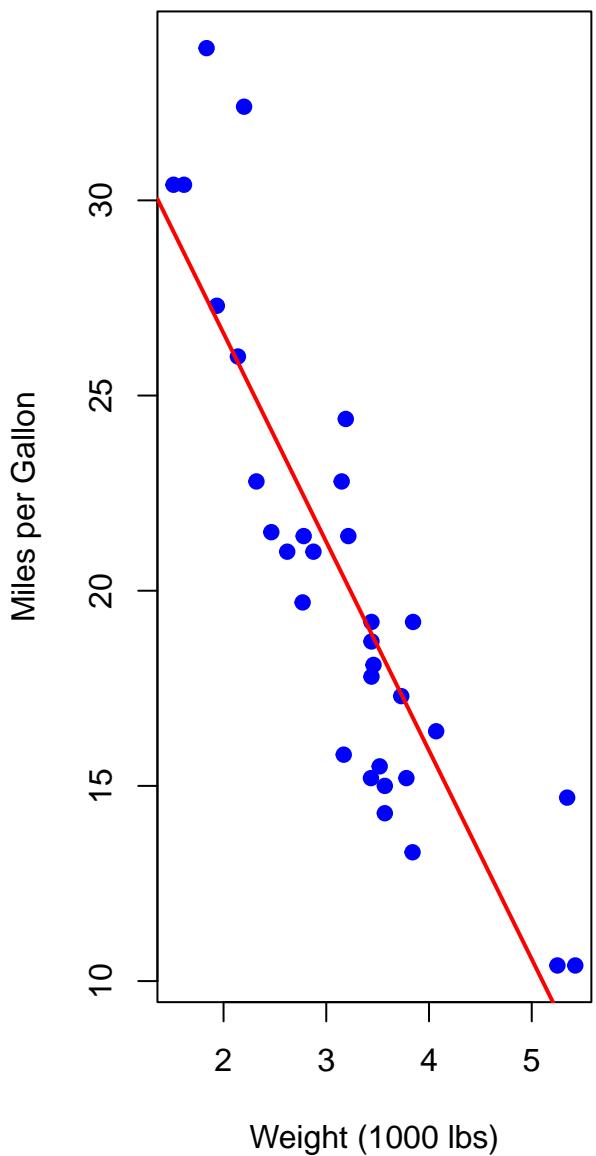
### Bootstrap Replicates Sequence



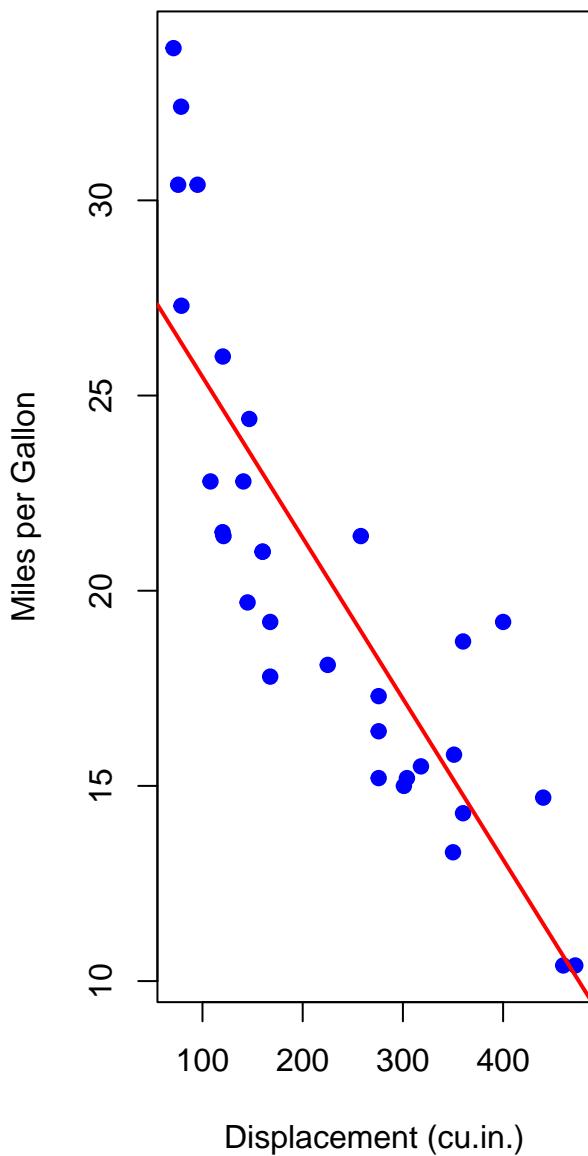
### Empirical CDF



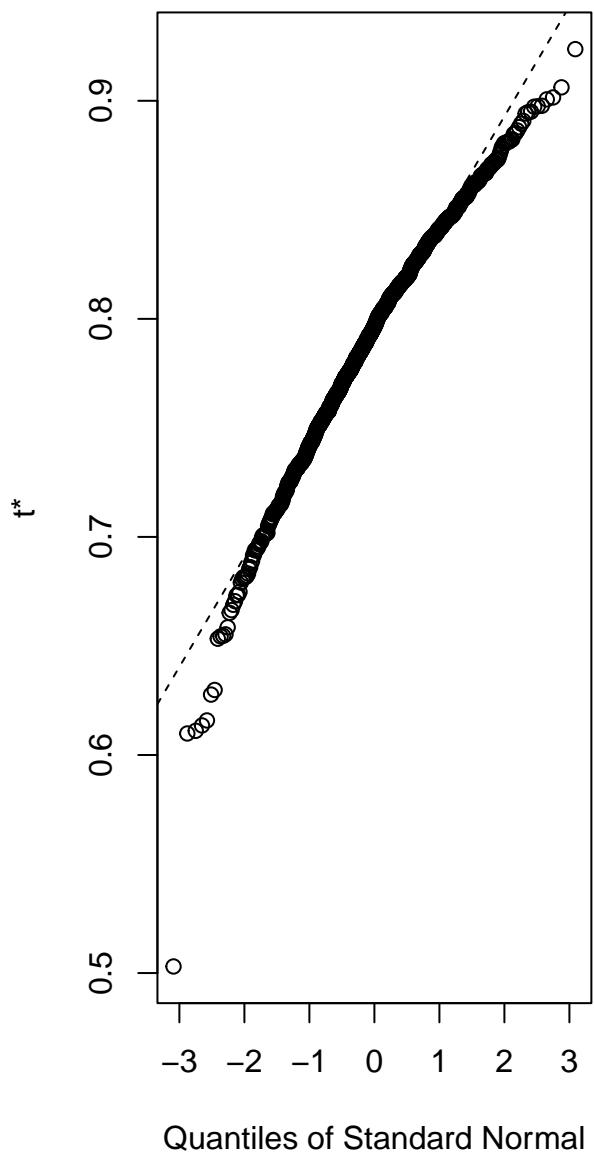
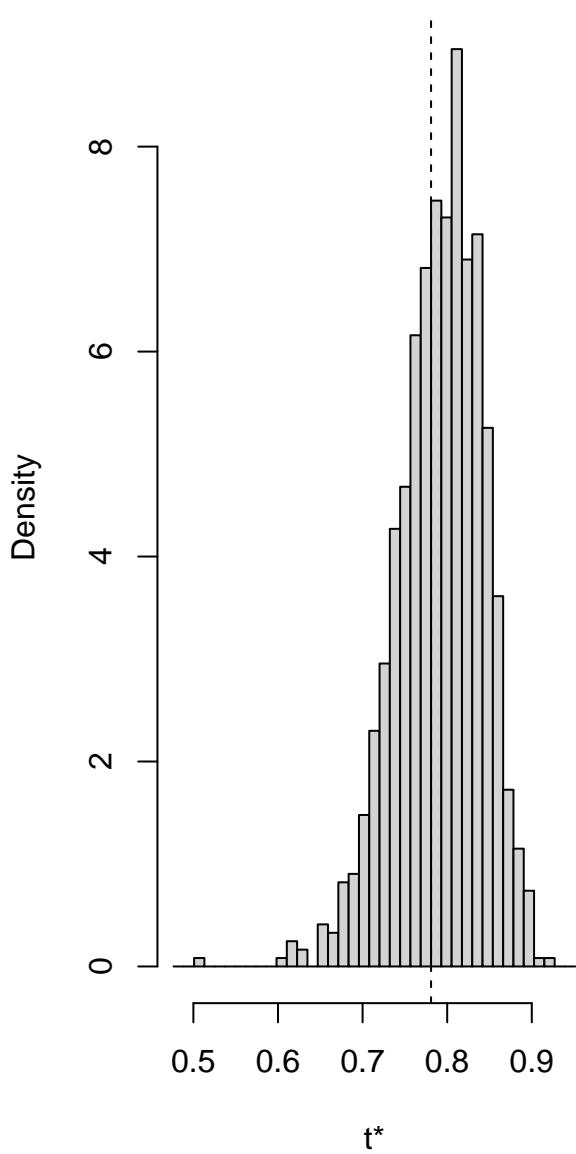
### MPG vs Weight



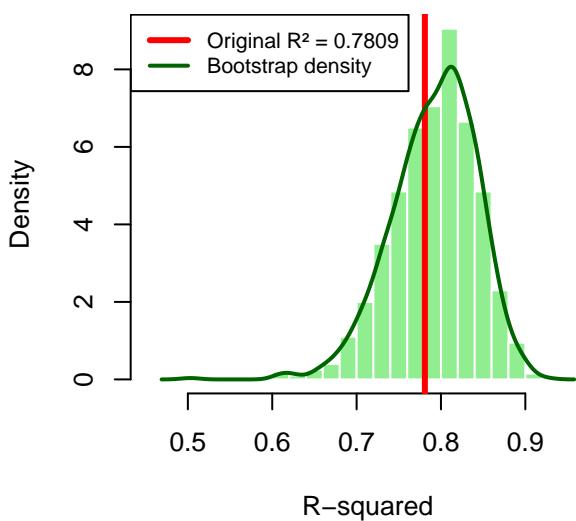
### MPG vs Displacement



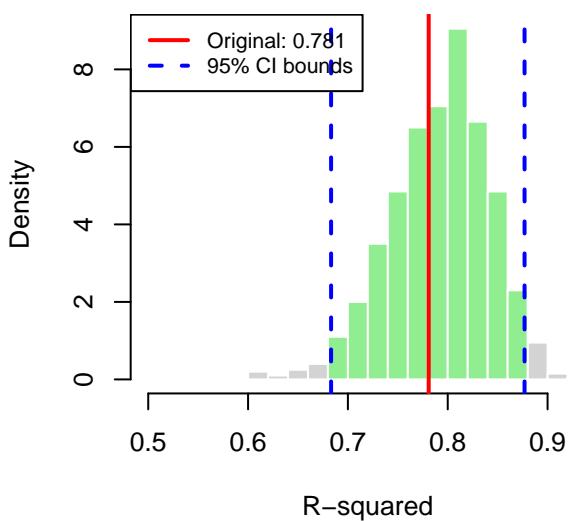
## Histogram of $t$



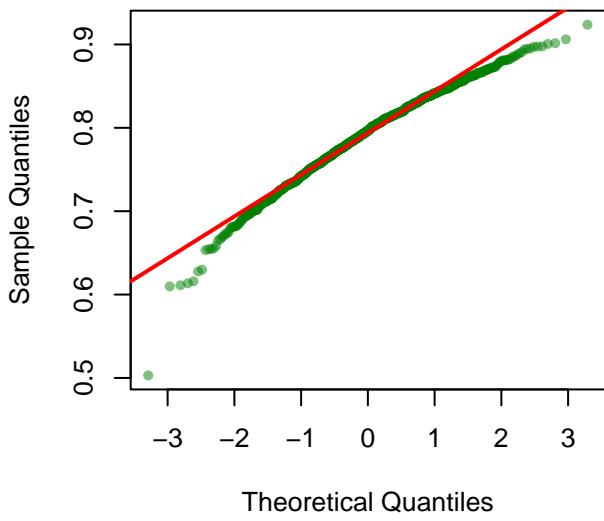
### Bootstrap Distribution of $R^2$



### 95% Percentile CI for $R^2$



### Q-Q Plot: Bootstrap $R^2$



### Bootstrap $R^2$ Sequence

