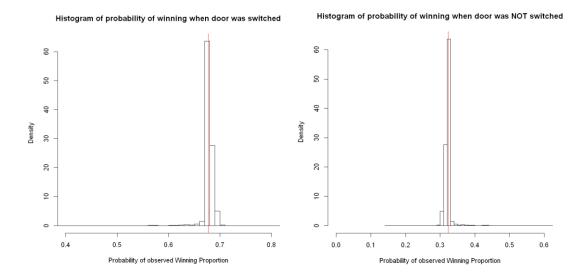# Monty Hall Problem.

The results here show that switching allows us to have a higher chance of winning, approximately 66% against 33% of not switching. It is worth noticing that these results are completed aligned with the results derived using probability theory.

Histogram of probability of winning when door was switched

Histogram of probability of winning when door was NOT switched

'Convergence' to True Winning Proportions