

### Explanation

For the not swapped the ratio is 1:2, correct to incorrect, and for the swapper ratio it is 2:1 correct to incorrect. This is because if you do not swap you will have a 33% chance of choosing the correct door. If you do decide to swap you have a 50% chance of picking the door with the car behind it. Using a big sample like 10,000 will show the trends that are present in this situation.