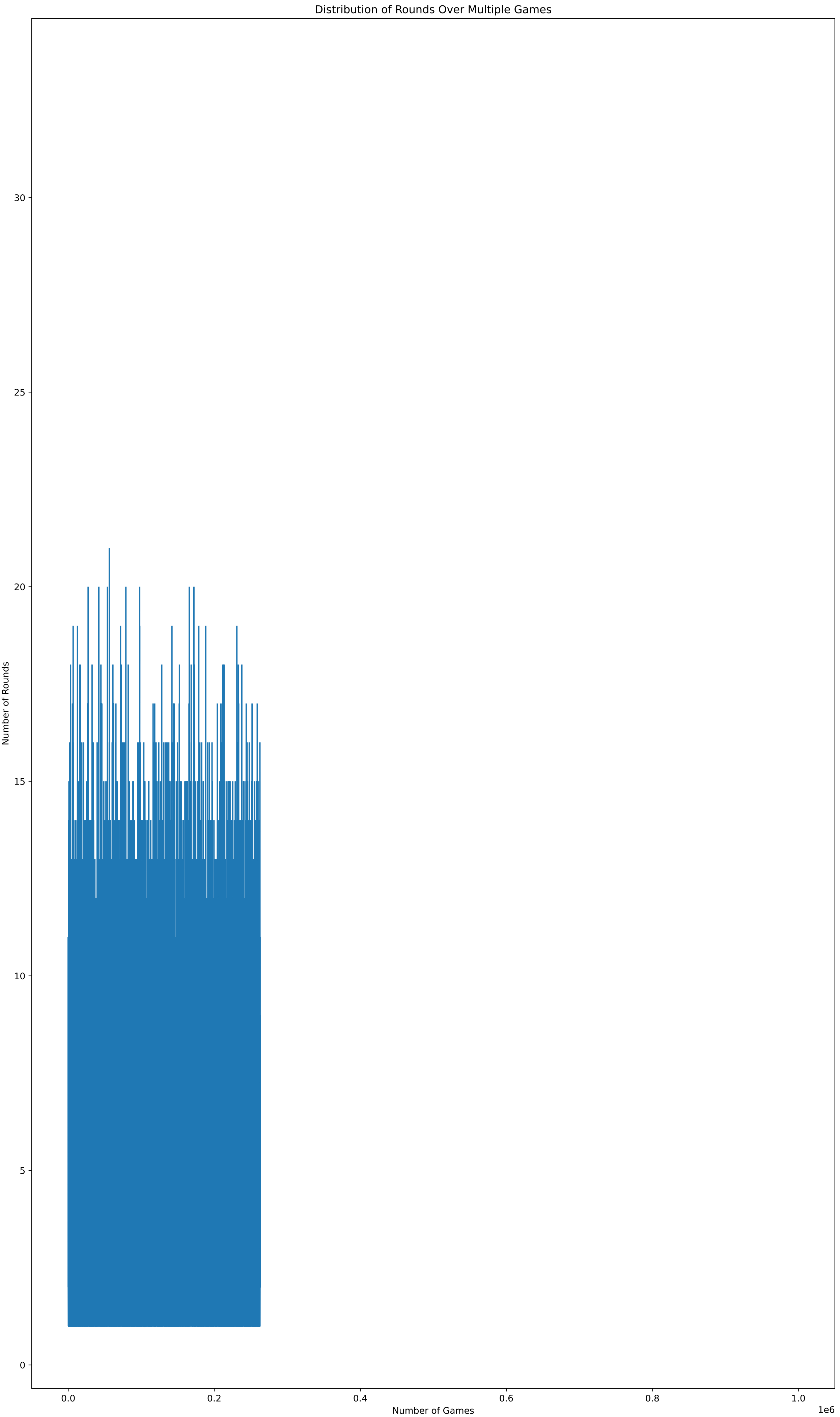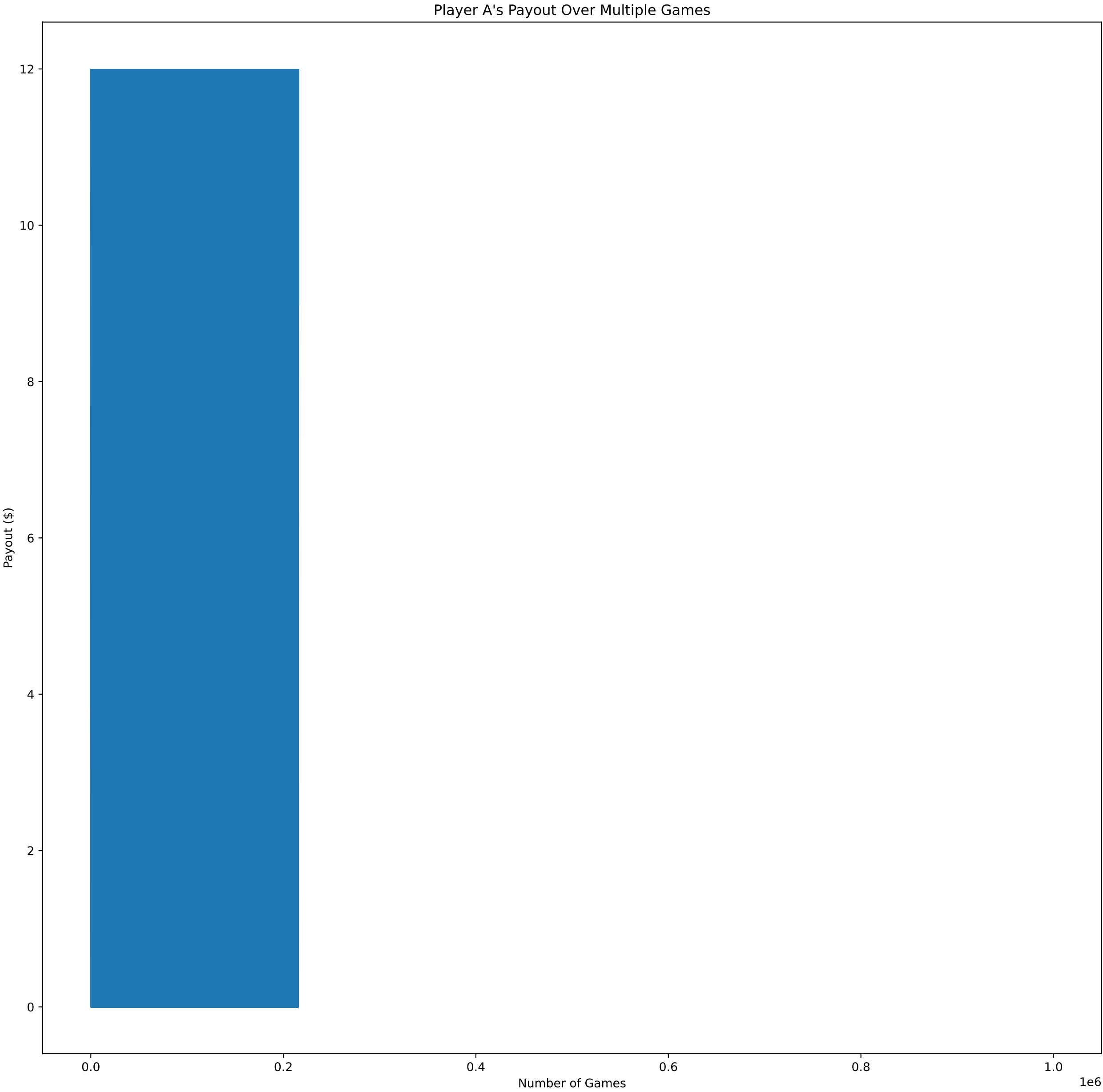Number of games played:1000000
size of initial player pot: 4
size of initial house pot: 4
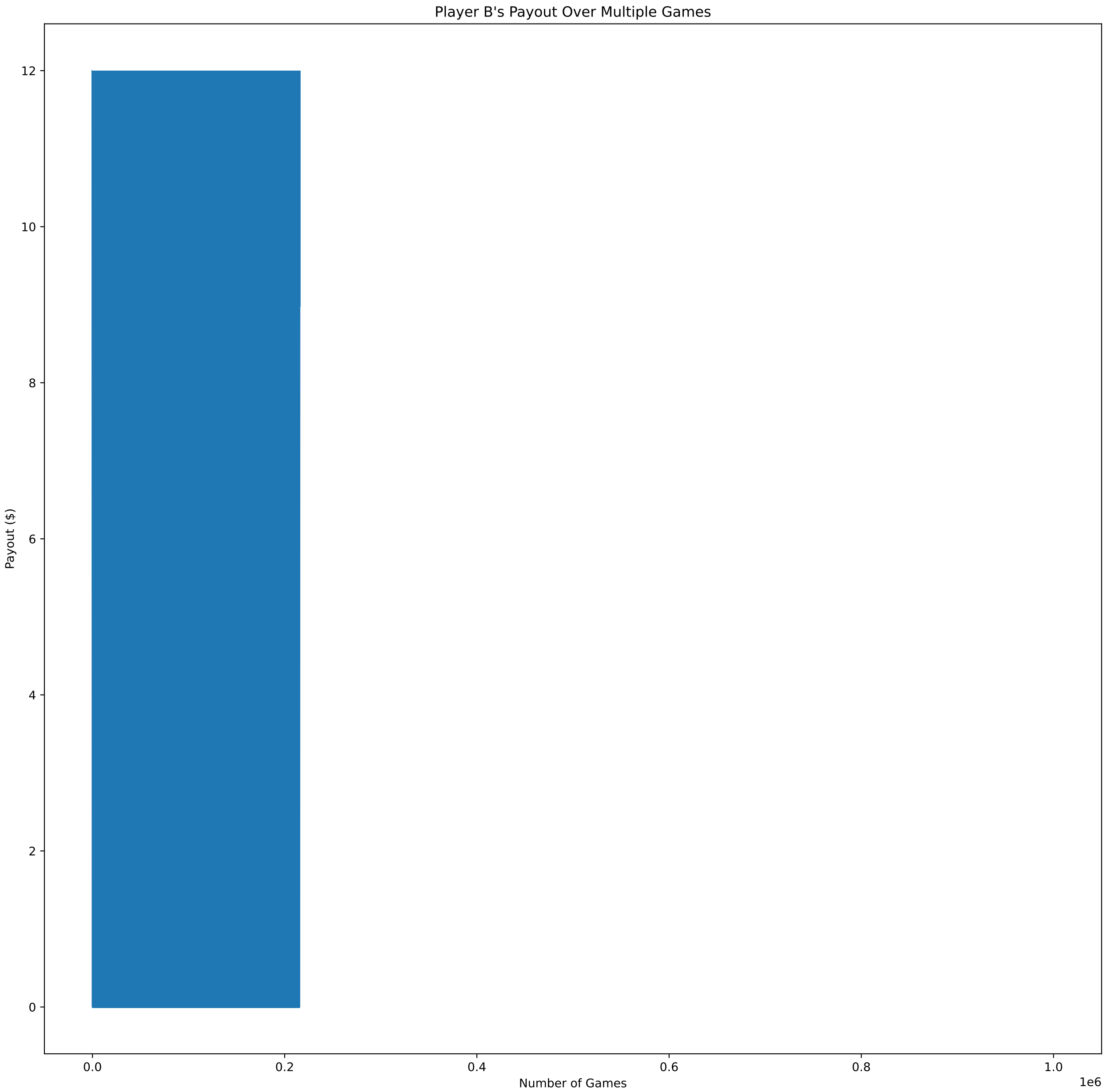probability of a cheater getting caught (%): 90.0

average number of rounds the game lasts for: 2.5
variance of the number of rounds the game lasts for: 3.7
maximum number of game rounds in the distribution: 33
minimum number of game rounds in the distribution: 1

Distribution of Rounds Over Multiple Games

Number of games played:1000000
average payout for Player A: $5.24
variance of the payout for Player A: $35.39
maximum payout for Player A in the distribution $12
minimum payout for Player A in the distribution $0

Player A's Payout Over Multiple Games

Payout ($)

Number of Games

Number of games played:1000000
    average payout for Player B: $6.75
    variance of the payout for Player B: $35.4
    maximum payout for Player B in the distribution $12
    minimum payout for Player B in the distribution $0

Player B's Payout Over Multiple Games

Payout ($)

Number of Games

Number of games played:1000000
average payout for House: $7.05
variance of the payout for House: $4.31
maximum payout for House in the distribution $12
minimum payout for House in the distribution $0

House's Payout Over Multiple Games

Payout ($)

Number of Games