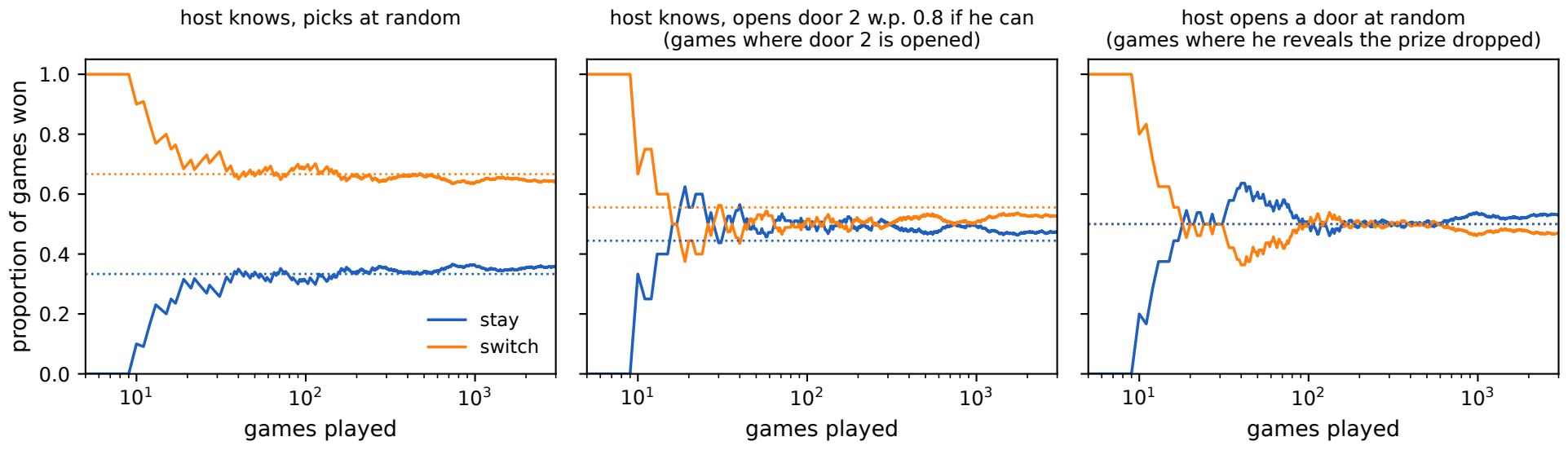

host knows, picks at random
host knows, opens door 2 w.p. 0.8 if he can
(games where door 2 is opened)
host opens a door at random
(games where he reveals the prize dropped)
proportion of games won
1.0
0.8
0.6
0.4
0.2
0.0
stay
switch
10^1
10^2
10^3
games played