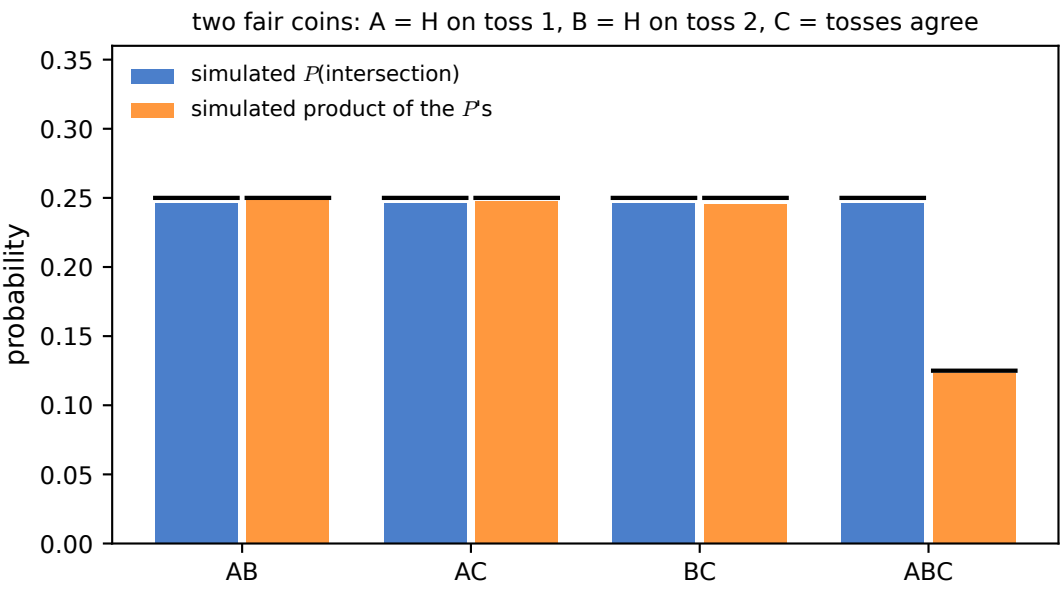

two fair coins: A = H on toss 1, B = H on toss 2, C = tosses agree
simulated P(intersection)
simulated product of the P's
probability
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
AB
AC
BC
ABC