

4 Each person has to chance to get out 1 X1. X5 are not paining independent Since (XIIIX) XXX a have i din tical distributions they can ld be considered some random variable and a random variable is only independent whitself : f PCX)=10 PCX)=0, Phis ion't the case, so they aren't pairwise independent. 6 a) 1=0p=100(2)=50 b) SD= InpCl-D) = 5 X random ver of how many have Using Chebycher PC PS == and PCX275)= 04 Same color Diff. color Winnings Expected value = 4(1) + 5(-1.1) = 4-0,067