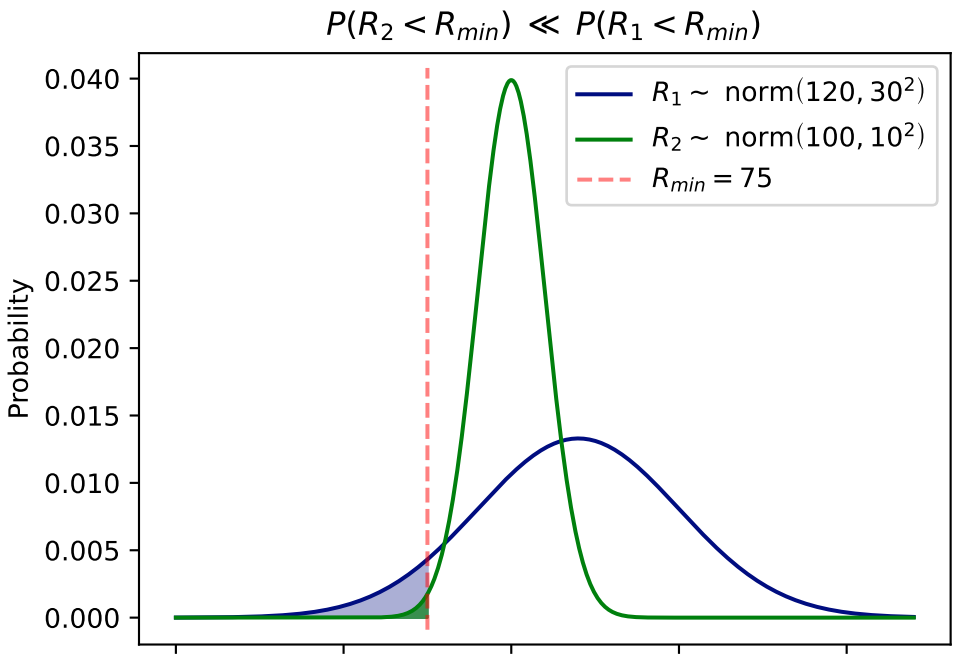
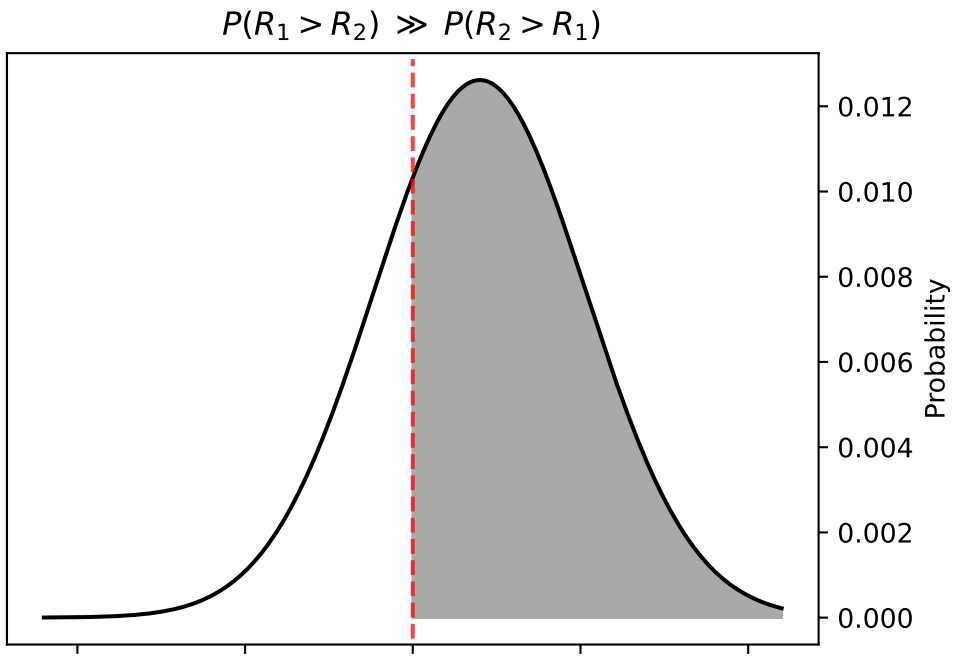


(a) Rewards: R_1, R_2



(b) Reward Difference: $R_1 - R_2 \sim \text{norm}(120 - 100, 30^2 + 10^2)$