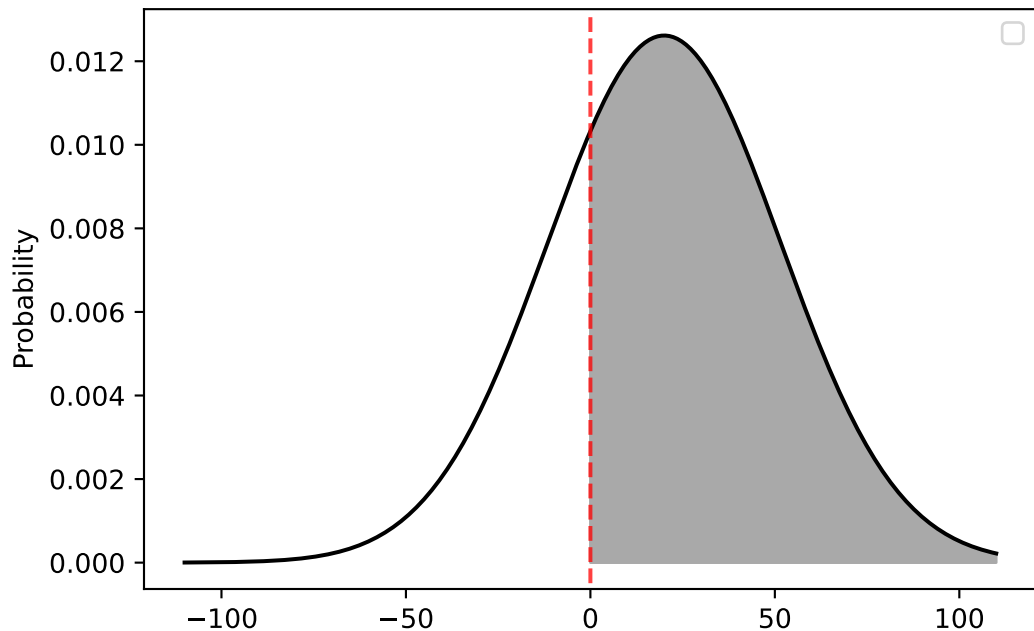


$$P(R_1 > R_2) \gg P(R_2 > R_1)$$



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