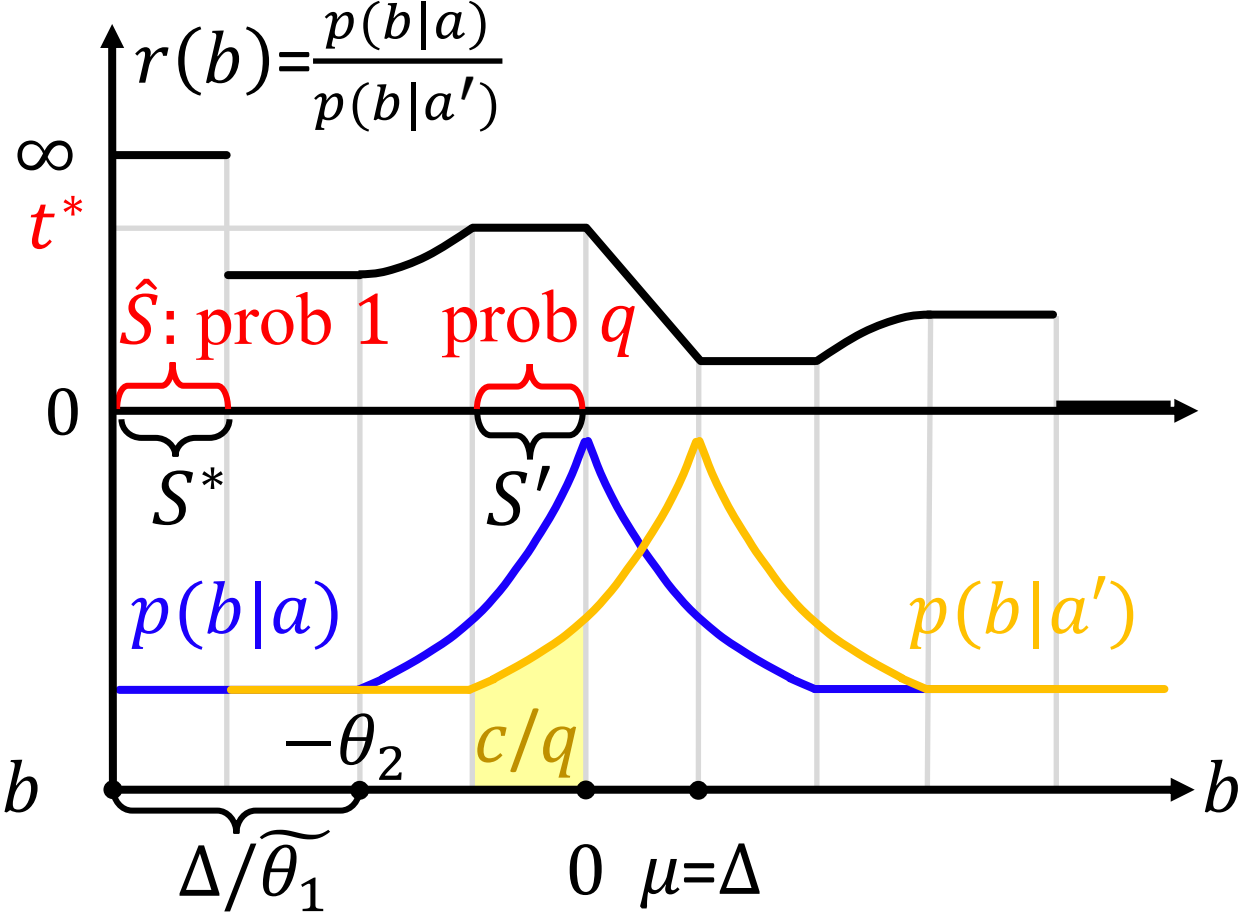


(a) $\widetilde{\theta}_1 > 1$



(b) $\widetilde{\theta}_1 \leq 1$