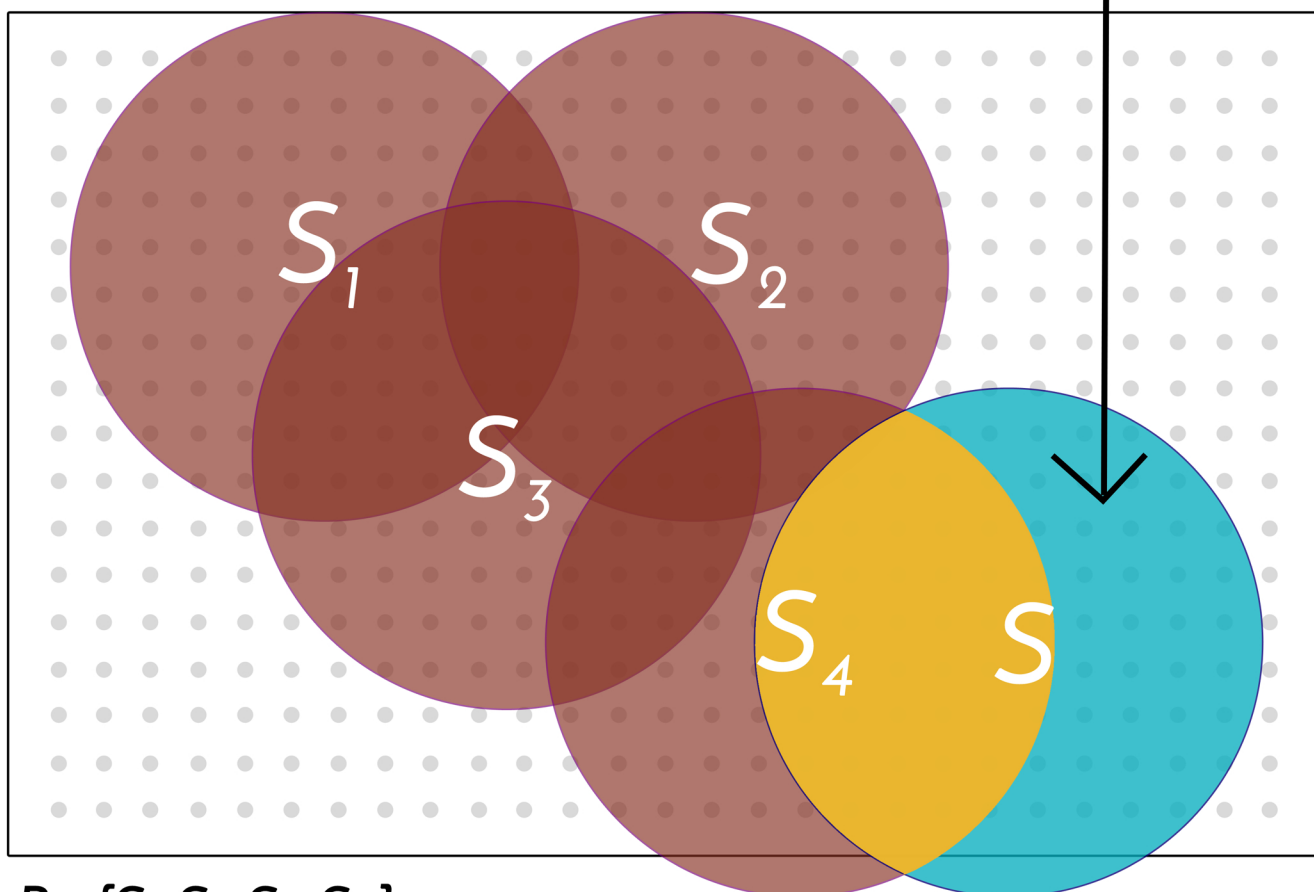


$A = \{S_1, S_2\}$

$$F(A \cup \{S\}) - F(A) \geq F(B \cup \{S\}) - F(B)$$



$B = \{S_1, S_2, S_3, S_4\}$