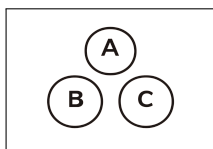


6

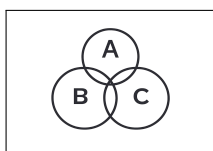
Discrete Distribution
Classic Probability

J



$$S = \{1, 2, 3, 4, 5, 6\}$$

$$E = \{1, 2, 3\}$$



$$P(E) = |E|/|S| = 3/6 = 0.5$$



$$P(A \cap B) = 0.18$$

$$P(A \cap B^C) = 0.22$$

$$P(A) = ?$$

6

Discrete Distribution Classic Probability

J



$$P(A \cap B) = 0.18$$

$$P(A \cap B^C) = 0.22$$

$$P(A) = P(A \cap B) + P(A \cap B^C) = 0.18 + 0.22 = 0.40$$