

# DIS 4D

Wednesday, July 11, 2018

12:01 PM

## Topic: Conditional Probability

- $P(A|B) = \frac{P(A \cap B)}{P(B)}$
- total probability rule

$$P(A) = P(A|B)P(B) + P(A|\bar{B}) \cdot P(\bar{B})$$

