Phil/LPS 31 Introduction to Inductive Logic
Lecture 12

David Mwakima
dmwakima@uci.edu
Department of Logic and Philosophy of Science
University of California, Irvine

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Topics

- Joint Probability
- Marginal Probability
- Probabilistic Independence
- Conditional Probability
- Bayes' Theorem

Joint Probability

- In Rule 7 we have $P(A \cap B)$ for two sets $A = E$ and $B = F$. But how do you calculate $P(A \cap B)$ if all we know is the $P(A)$ and $P(B)$ but not $P(A \cup B)$?