

Summary of Tableau 3, Part 3

Chance in commonplace settings:

Beyond balls and urns — unequal probabilities and infinite spaces

- ❖ What are the outcomes of the chance experiment?
- ❖ What are the events of interest?
- ❖ What is the probability measure associated with the events?

Finite sets, the metaphor of balls and urns
Infinite sets

Subsets: finite and infinite aggregates of outcomes

Random selection, combinatorial probabilities
Unequal probabilities, finite and infinite spaces
Additivity: mutually exclusive possibilities add