

## STAT 110

### Chapter 17 Definitions

random – when individual outcomes are uncertain but there is a regular distribution of outcomes in a large number of repetitions

probability – a number between 0 and 1 that describes the proportion of times an outcome would occur in a very long series of repetitions

personal probability – an outcome is a number between 0 and 1 that expresses an individual's judgment of how likely the outcome is

Odds of A to B against an outcome means that the probability of that outcome is  $B / (A + B)$ .