



Why

When talking about cases which may or may not happen, we need to enumerate or concieve of the set of possibilities.

Definition

A *set of outcomes* is a set. A set of outcomes may be finite or infinite. We call an element of the set of outcomes an *outcome*.

Some authors call the set of outcomes the *set of samples* and call an outcome a *sample*. They also will speak of the set of outcomes as the *sample space*. We avoid this terminology for various reasons.¹

¹To be clarified in future editions.

