

TOOL: If we start with several mutually exclusive events, say A , B , and C , we may create a partition of sample space S by adding one more event, D , which we may describe as "other", meaning it contains all outcomes not in A , B , or C . For example, if we are talking about the parties people voted for in an election, we might say A = Democrat, B = Libertarian, C = Republican, and D = other. On a Venn diagram, D is the area around the outside of A , B , and C .

