

Stephen McDonald

*Does Sample Size Affect Studies Done on Populations with Various Communities of Different Sizes?*

I chose to study the effects of sample size on the outcome of a study because of the numerous ways populations are used to determine the path of companies, research, and even communities. Samples of a population, often referred to as “focus groups” are used to represent a population. They are used because of financial benefits but is it really worth the circumspect spending to not receive correct data after the study? This project weighs the pros and cons of different sample sizes and proffers the answer to this question. I used various colors of beans to represent a majority, a minority, and a neutral community in the population. I chose a small, medium, and a large sample size from the population and determined which size best represented the majority, minority, and neutral population.