
Subject: Re: Sample size and systematic sampling
Posted by [Reduced-For\(u\)m](#) on Mon, 08 Dec 2014 01:41:02 GMT
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I can't answer your question (I don't do SPSS), but why do you only want a sample of 380? Is this for some sort of simulation or something? A sample size that comes from a power calculation is just the *minimum* sample size you would need to detect an effect of a certain pre-specified size. It doesn't mean you should throw out the remaining data. Am I missing something in what you are trying to do?

Also - in general you do need to account for the design effect, but where did 1.5 come from? You can specify a number of clusters (PSUs) and an inter-cluster correlation coefficient that will give you better power calculations based on beliefs or knowledge about the data, the extent of within-cluster correlation, and the number of clusters.

But maybe I'm just totally mis-understanding what you are trying to do. In that case, very sorry.
