

How to Determine Sample Size with ANOVA

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Hi,

I understand how to determine the sample size if you are doing a simple hypothesis test (like equality of means) with 2 populations.

Recently, however, I had to undertake a one-way ANOVA test where I am using more than one population. Nothing fancy, no complex design issues, just good old straightforward ANOVA. I have been able to find very little in the way of how sample size is determined, and I am wondering if anyone can either explain the basic concept involved or point me in the direction of a good text that is not too advanced (maybe 1st yr grad level) yet explains this problem well.

TIA,

Matt B

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