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Subject: Re: Calculating fixed and random effects

Posted by [Bridgette-DHS](#) on Tue, 14 Mar 2023 17:28:07 GMT

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Following is a response from Senior DHS staff member, Tom Pullum:

With a fixed effects model, Stata will run into problems with the sample size in the districts. The omitted districts didn't have cases in all combinations of the covariates. I believe that if you rerun with "asis" included as an option after the comma, it may work. Otherwise, a random effects model would be ok. A very rough rule of thumb is that a random effects model is ok if there are more than 30 units (and you have 80).

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