Subject: How to control for the year of sample
Posted by olympiaca on Thu, 07 Jan 2021 13:44:28 GMT
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Hello,

I'm using the domestic violence data to look at the likelihood of a woman receiving violence from her husband. Currently I'm combining three Jordan DHS: the 2007, 2012, and 2017. The data has structure in that it is grouped into regions and also grouped by cohort.

I'm interested in the difference in likelihood of receiving violence between cohorts as well as some other variables.
Is it appropriate to do a two-level model where I use Region as my grouping variable, and then have cohort as a predictor variable? Or should I be performing a three level model with individuals nested in cohorts nested in regions?

Statistically I'm not sure which one is appropriate?

Many thanks
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