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Subject: Thoughts on pooling surveys from single country

Posted by [dflood011](#) on Fri, 24 Nov 2017 14:57:52 GMT

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Hi, I'm conducting an analysis of stunting risk factors in a single country with multiple recent DHS surveys. I'm trying to decide whether to pool surveys, which is a practice I've encountered in similar analyses. (See below for examples.) I'm not as interesting in assessing changes over time for my particular analysis.

What do the analysts/experts here think of this practice?

The advantages I see:

- large sample permits more covariates, more complex models
- ?

Disadvantages

- not an elegant cross-sectional assessment
- covariates may not be the same across years
- recalculating some metrics, such as wealth, made more difficult
- - additional complexity in survey weighting

<https://www.ncbi.nlm.nih.gov/pubmed/23678197>

<https://www.ncbi.nlm.nih.gov/pubmed/27161654>

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