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Subject: calculating SE and CIs for selected metrics (both proportions and rates)

Posted by [geoK](#) on Wed, 16 Aug 2023 14:11:46 GMT

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Hello,

I am looking for ways to calculate SEs and CIs for rates (and in particular Stillbirth rate) and proportions (e.g. teenage pregnancy and unsafe abortion) at national, state, and district level (NFHS-4&5 India surveys). I came across the Report's appendix B where it is said:

"Taylor linearization method to estimate variances for survey estimates that are means, proportions, or ratios. The Jackknife repeated replication method is used for variance estimation of more complex statistics such as fertility and mortality rates."

Can i confirm that Taylor lin method was used to calculate SEs shows in Tables B for both rates and proportions, and is there any chance to access the SAS programs developed by ICF to calculate those SEs / CIs please?

Thank you!

PS: I already have programs to calculate mortality and fertility rates and their CIs, but do not have any program for stillbirth.

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