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Subject: Re: Interpolated surfaces

Posted by [David34](#) on Fri, 01 Jul 2022 20:11:17 GMT

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Thanks, I have access to the GE dataset as well as the DHS country survey data. In order to create an interpolated surface for e.g. diarrhea in under 5 children; am I correct that:

- 1 I would need to first calculate the proportion of diarrhea
- 2 Assign/link the proportion of diarrhea to each cluster using the cluster number (V001) variable from the recode file with the DHSCLUST variable from the geographic dataset.
- 3 Create interpolated surface

I need help in calculating the proportion of diarrhea for each cluster please, specifically:

A Do I need to use 'svy' command in Stata for calculating prevalence of diarrhea at the PSU/cluster level or not?

B To calculate proportion (as a percentage) of diarrhea at the cluster level, which Stata command do I need to use i.e.

- svy: proportion diarrhea, over (v001)

Or

- proportion diarrhea, over (v001)

Thank you!

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