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Subject: Linking GPS data to DHS data files

Posted by [davidk35](#) on Sat, 05 Aug 2017 17:33:04 GMT

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Hi everyone,

I am currently creating a panel dataset for African countries, which uses years and administrative regions at the first level (as given by gadmn) as the units of analysis.

As I would like to compute for example the share of young men (15-24) to the adult population (e.g. until 54) in a specific region and year, I need to assign each cluster mapped by the GPS file to the corresponding cluster in the DHS file (e.g. GNGE52FL and GNMR52DT).

I thought I could do this by the DHSID but it turns out that the DHSID is not equivalent to any combination of variables in the DHS file (e.g. I thought of creating a string in STATA with the code `egen = concat (mv000 mv007 mv001)` to create the DHSID, but the result is not equivalent to the DHSID in the GPS-file which is GN20050000001 for the first cluster for example).

therefore my question would be how to match/merge the DHS-file with the GPS-file such that I can do regional analysis using the clusters in this region for a given (survey) year?

Thank you very much for your help in advance.

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