Subject: Pakistan DHS7 Public Transport
Posted by HS on Wed, 23 Oct 2024 05:37:10 GMT
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This is regarding service provisions module in DHS7 for Pakistan.

For public transport, if the service (t203_03 & t203_04) is available in the village, the distance to the service (var names t204_03 and t204_04) is given as a missing value'.'
However, when the service is NOT available in that village(t203_03 ==2 or t203_04 ==2) the distance of village from the service is sometimes given zero and sometimes a missing value'.'
How should we differentiate and interpret these cases?

Subject: Re: Pakistan DHS7 Public Transport
Posted by Janet-DHS on Fri, 25 Oct 2024 18:42:30 GMT
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Following is a response from DHS staff member, Tom Pullum:

You are asking about the data file PKSQ71, from the Pakistan 2017 service availability survey. I don't believe we have had any earlier questions about the file.

There a questions about a series of services identified with A, B, etc. and a series of facility types also identified with A, B, etc. You will have to go to the questionnaire to find out what the letters A, B, etc. stand for.

For each type of service it is asked "is this service available in this village?" If the answer is no, the distance is asked. If the answer is yes, then distance is Not Applicable, or NA. Actually it would be ok to recode the distance as 0 for such services.

For facility types, there is NOT a question "is this facility found in this village".

I will paste below some Stata lines to reshape the data and make it more useful. I recode those NA cases to have distance=0. Hope this will be helpful.

* Using the SQ file for the Pakistan 2017 service availability survey

use "...PKSQ71FL.DTA", clear

keep tcluster tregion tdistrict t*_*

rename *_0* *_*

reshape long t201n_ t203_ t204_ t301n_ t301_, i(tcluster tregion tdistrict) j(facility)

rename *_ *

drop if facility=.

label variable t201n "Type of service"

label variable t203 "Available in village?"

label define t203 1 "Yes" 2 "No"

label values t203 t203

label variable t204 "Distance to service"

label variable t301n "Type of facility"

label variable t301 "Distance to facility"

replace t204=0 if t203==1

tab t201n, summarize(t204) means obs

tab t301n, summarize(t301) means obs

Subject: Re: Pakistan DHS7 Public Transport
Posted by HS on Sat, 26 Oct 2024 12:33:12 GMT
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Thank you for your help