Subject: Weighting

Posted by Imr on Thu, 02 Nov 2023 13:58:29 GMT

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Can I ask for help, to weight the 2007 IDHS data using strata, so what number of variables that shown strata? It the variable 022, but it seems impossible because the numbers listed are in the hundreds? This number is very different from strata in 2012 and 2012 DHS.

Thank you in advance

Subject: Re: Weighting

Posted by Janet-DHS on Fri, 03 Nov 2023 13:55:26 GMT

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Following is a response from DHS staff member, Tom Pullum:

I just checked, and the strata in this survey are combinations of region and residence. In Stata, you can construct the strata with "egen stratum\_ID=group(v024 v025)". This is usually how the strata are defined, as you will usually see from v022 or v023, but for some surveys before DHS-6 the strata variables were given incorrectly. It's good that you were suspicious because the number of alleged strata was too large. The appendix on sampling in the final reports usually includes a description of the strata.

Subject: Re: Weighting

Posted by Imr on Sat, 04 Nov 2023 00:52:13 GMT

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oh thank you for the answer.

but, im not clear at all. what should i do in spss?

Can the numbering of strata be equated with 2012 and 2016 SDKI? i mean, 1 for Aceh urban, 2 = Aceh rural, 3 = north Sumatra urban, 4 = north Sumatra rural, etc?

Thank you for regarding

File Attachments

1) STRATA IDHS 2012 AND 2017.png, downloaded 263 times

Subject: Re: Weighting

Posted by Janet-DHS on Thu, 16 Nov 2023 19:36:35 GMT

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Following is a response from DHS staff member, Tom Pullum:

Weights are cluster-level. They have the same value for every household in a cluster. The average weight is 1, but the values have been multiplied by 1,000,000 just to get rid of a decimal point. We cannot provide support for SPSS but if you google something like "SPSS weights" you will find several websites that give the syntax.

An adjustment for strata is completely different from an adjustment for weights. (There is also an adjustment for clusters, and that is also completely different.) As I said before, the strata in these surveys (v023) are combinations of region (v024) and place of residence (v025). In the 2012 survey, v023 does not have a value label. I have constructed the label for v023 in the 2012 survey and will paste it below. It has 65 values. The label for v023 in the 2017 survey has 68 values. You will have to go through and find why and where there are differences. I suspect that in the 2012 survey there were 3 strata with no cases. You can do a recode of v023 in one (or both) of these surveys to get the labels to match. Let us know if you have other questions.

Value label for v023 (or hv023) in the Indonesia 2012 survey (not given in the data files):

- 1 aceh urban
- 2 aceh rural
- 3 north sumatera urban
- 4 north sumatera rural
- 5 west sumatera urban
- 6 west sumatera rural
- 7 riau urban
- 8 riau rural
- 9 jambi urban
- 10 jambi rural
- 11 south sumatera urban
- 12 south sumatera rural
- 13 bengkulu urban
- 14 bengkulu rural
- 15 lampung urban
- 16 lampung rural
- 17 bangka belitung urban
- 18 bangka belitung rural
- 19 riau islands urban
- 20 riau islands rural
- 21 jakarta urban
- 22 west java urban
- 23 west java rural
- 24 central java urban
- 25 central java rural
- 26 yogyakarta urban
- 27 yogyakarta rural
- 28 east java urban
- 29 east java rural
- 30 banten urban
- 31 banten rural
- 32 bali urban

- 33 bali rural
- 34 west nusa tenggara urban
- 35 west nusa tenggara rural
- 36 east nusa tenggara urban
- 37 east nusa tenggara rural
- 38 west kalimantan urban
- 39 west kalimantan rural
- 40 central kalimantan urban
- 41 central kalimantan rural
- 42 south kalimantan urban
- 43 south kalimantan rural
- 44 east kalimantan urban
- 45 east kalimantan rural
- 46 north sulawesi urban
- 47 north sulawesi rural
- 48 central sulawesi urban
- 49 central sulawesi rural
- 50 south sulawesi urban
- 51 south sulawesi rural
- 52 southeast sulawesi urban
- 53 southeast sulawesi rural
- 54 gorontalo urban
- 55 gorontalo rural
- 56 west sulawesi urban
- 57 west sulawesi rural
- 58 maluku urban
- 59 maluku rural
- 60 north maluku urban
- 61 north maluku rural
- 62 west papua urban
- 63 west papua rural
- 64 papua urban
- 65 papua rural