
Subject: Weighting

Posted by [lmr](#) 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 [lmr](#) 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 94 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
