Subject: Mali 5 Wealth Index classification errors?
Posted by aligazan on Mon, 09 Feb 2015 15:12:43 GMT
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I am using Mali 5 dataset.

I was comparing variable V190 Wealth Index to variable V191 Wealth Index Factor Score, and it appears that there may have been some misclassification.

The range of V191 within V190 Poorest is -99968 to -71717 yet there are around 20 respondents with V191 between 100081 to 112373, which would be classified within Richer.

Please could you clarify whether this is correct? And if so, is the error in V190 (i.e. the miscoded variables should be recoded into the correct category within V190) or is the error in V191 (i.e. the miscoded variables are in the correct category for V190 but have an incorrect Wealth Index Factor Score)?

I would be interested to know also how the range of Poorest, Poor, Middle, Rich and Richest are categorised as there are not equal numbers in each category.

Many thanks

Subject: Re: Mali 5 Wealth Index classification errors?
Posted by Trevor-DHS on Wed, 11 Feb 2015 15:11:36 GMT
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Thanks for pointing this out. The values you see between 100081 to 112373 should all be negative values, i.e. -100081 to -112373. The problem is that the value was being written to a 6 character field and it chopped off the negative sign. Please just change all of these values to a negative value, e.g.
replace v191 = 0 - v191 if v191 > 100000 & v190==1

Subject: Re: Mali 5 Wealth Index classification errors?
Posted by aligazan on Fri, 20 Feb 2015 16:22:36 GMT
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Thanks Trevor

Just a further question, in SPSS 'REPLACE' is not a recognised command. Please could you give me syntax for this replacement that will work in SPSS, as I cannot seem to work it out myself?

Subject: Re: Mali 5 Wealth Index classification errors?
Posted by Trevor-DHS on Fri, 20 Feb 2015 20:30:39 GMT
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```
if (v191 > 100000 & v190=1) v191 = 0 - v191
```