
Subject: Applying correct strata in SAS

Posted by [Bouboulina](#) on Tue, 07 Feb 2017 16:31:30 GMT

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Hello,

I am using SAS to compute frequency tables for variables from several surveys. For each, I've appended the male to the female file and merged them with the HIV file. However, I'm not sure which variable(s) to use as strata. I've seen several threads on this topic, but whether to use v022, v023, or a combination of v024 and v025 seems to depend on the sampling design of each survey. I've consulted Annex A of the respective final reports but am still uncertain which variable(s) to use. Could you advise about the following surveys?

Burundi DHS 2010 -> has both v022 and v023 but they appear to be different

Cameroon DHS 2011 -> has v022 but NOT v023

Congo AIS 2009 -> has v022; v023=0 which means that sample is self-weighted at the national level

Democratic Republic of Congo 2013-2014 -> has both and they're identical

Rwanda 2014 -> has both and they're identical

If using a combination of v024 and v025 is best for some or all, how do I do that in SAS (I've seen threads with syntax for STATA but not SAS)? This is my syntax for Burundi (the weight "wgt" was calculated as HIV05/1000000):

```
proc surveyfreq data=burundifin;  
table v012 v025;  
weight wgt;  
cluster v001;  
stratum ???;  
run;
```

Thanks very much!
