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Subject: Re: How to Weight Data in R  
Posted by [correaem](#) on Sat, 15 Dec 2018 23:29:26 GMT  
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Hi Trevor,

I initially followed this post indications, Since I am doing some preliminary hiv research but I've got different results using R. These intervals are what I've got from running:

SAS (left) VS SPSS (right)

R Studio using

Notes:

1. It is exactly the same table I hva pre-processed in R and the exported as xlsx for 3rd party tools.

The line I use

DHSdesign <- svydesign(id = ~PSU, strata=~Strata, weights = ~hivweight, data=fLogitFiltered2)  
V021 is used as PSU and V023 for the strata after checking the design survey

2. For SAS and SPSS I followed the recommendation from the official source of DHS

[https://www.youtube.com/watch?v=NNg8HD\\_IKow](https://www.youtube.com/watch?v=NNg8HD_IKow)

3. As you could see, SPSS and SAS give the same results totally different from R, unfortunately.

Any advice would be great, thanks in advance

Esteban

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### File Attachments

- 1) [females\\_sasVSspss.png](#), downloaded 5608 times
  - 2) [RStudioConfInt.PNG](#), downloaded 5564 times
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