Subject: Re: How to Weight Data in R
Posted by Sajhama on Sat, 01 Aug 2020 10:39:39 GMT
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Hello there,

I have been trying to use R for DHS, otherwise was a SPSS person. I am familiar with R commander to be more precise.

While trying to weigh data or use complex sample, the following command that you have written in your above messages didn't showed weighted data for me. The weighted and non weighted were same. I think the code have gone wrong somewhere. Please let me know on this for improvement. Thank you in advance.
Below is the code and have attached screenshot of both the weighted and unweighted data. Look forward.
   DHSdesign <- svydesign(ids = DHS2016Nepal$HV021, strata=DHS2016Nepal$HV022, weights = DHS2016Nepal$HV005/1000000, data=DHS2016Nepal).... is for complex sample and

command for unweighted is below

```
local({
  .Table <- with(DHS2016Nepal, table(HV025))
  cat("\ncounts:\n")
  print(.Table)
  cat("\npercentages:\n")
  print(round(100*.Table/sum(.Table), 2))
})
```

command for weighted is below:

```
local({
  .Table <- with(DHS2016Nepal, table(HV025), DHSdesign)
  cat("\ncounts:\n")
  print(.Table)
  cat("\npercentages:\n")
  print(round(100*.Table/sum(.Table), 2))
})
```

File Attachments
1) weighted DHS.PNG, downloaded 3554 times
2) unweighted.PNG, downloaded 3654 times