Subject: Using R to weight data for domestic violence
Posted by banakani on Fri, 30 Oct 2020 17:13:38 GMT
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Hello everyone,

I would like to set up the survey design for Cote d'Ivoire DHS 2011-2012 using R. I am focused on domestic violence.

I used this code:

```
wt <- ipv_studyf$d005/1000000 # creating the variable weight

ipvdesign <- svydesign(ids = ipv_studyf$v021,      # clustering- psu
                strata = ipv_studyf$v023,             # strata variable
                weights = wt,                         # the weighting variable
                data = ipv_studyf,                    # the dataset
                variance="HT" )                       # Horvitz-Thompson estimator
```

However, I keep getting this error message:

Error in na.weight(data.frame(weights)) : missing values in `weights'

I read some comments in the weighting data/ How to Weight Data in R, however, nobody has faced this issue before.

Would you mind to help me with this?
Should I remove all the missing values for this column?
How can I fix this error message?

Could you please help me to fix it?

Subject: Re: Using R to weight data for domestic violence
Posted by Bridgette-DHS on Tue, 03 Nov 2020 13:29:13 GMT
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Following is a response from DHS Senior Sampling Specialist, Mahmoud Elkasabi:


```
ipv_studyf <- subset(ipv_studyf, !is.na(d005) )
ipv_studyf$wt <- ipv_studyf$d005/1000000

ipvdesign <- svydesign(id = v021, strata = v023, weights = wt, data = ipv_studyf)
```