
Subject: Weights not normalized?

Posted by [MiFoo](#) on Sat, 01 May 2021 20:36:20 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello,

in my dataset (DHS from Bangladesh, PR file), the weighted number of observations is always lower than the unweighted one. Shouldn't the weights be normalized in DHS surveys for each survey year, so that the sum of the normalized weights equals the sum of the cases over the entire sample?

Even when using the full data in the PR file from a single year such as 2017,

```
data %>% summarize(n=survey_total())
```

or equivalently

```
sum(dataPR$hiv005/1000000))
```

I get a lower number than the number of observations in the dataset. Have I misunderstood the normalization in DHS surveys?

Note: I am using R Studio

Thank you!
