
Subject: Re: DHS Burundi 1987

Posted by [Trevor-DHS](#) on Tue, 06 Oct 2020 17:10:50 GMT

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Thanks - that makes sense. I just wanted to make sure that you were using the KR file for a good reason.

Weighting is applied when you analyze the data after you have pooled the data. Note that you cannot just combine the datasets and use them as they are with the weights given for each survey as the probability of selection of a woman in each survey varies. You need to adjust the weighting to take into account that the probability of selection differed. The sample sizes for the surveys were:

Year : Sample : Total women 15-49* : Probability of selection

2000 : 15367 : 14,619,000 : 1 in 951.324

2005 : 14070 : 16,861,000 : 1 in 1198.365

2011 : 16515 : 20,659,000 : 1 in 1250.923

2016 : 15683 : 24,949,000 : 1 in 1590.831

* Total women 15-49 is taken from the UN's World Population Prospects, but you could also use other estimates, such as census estimates.

See other posts on the forum about pooling.

Using $\text{gen wgt} = \text{v005}/1000000$ is not applying the weights, just calculating a weight variable to be used later (note that it uses v005, not v001). The weights are applied later when analyzing the data, and should be adjusted to take into account the probabilities of selection as above.
