
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 `gen wgt = 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.
