

---

Subject: Re: weighting issues of multilevel modelling using the DHS survey data with multiple-stage sampling

Posted by [Bridgette-DHS](#) on Wed, 05 Sep 2018 23:38:14 GMT

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

---

Following is another response from Senior DHS Specialist, Tom Pullum:

The probability of selection is not the same for every cluster in a stratum. If it were, then your calculation would be correct. The probability that a specific cluster will be selected is conditional on the size of the cluster. In sampling with probability proportional to size (pps), a cluster with twice as many households in the sampling frame will have twice the probability of being selected. That's the piece of information that we are missing.

---