Dear everyone,

Is it possible for the cluster and household randomly selected in a previous DHS be chosen randomly again in a later survey? How can one detect that for instance in 2013 and 2018 Nigeria DHS?

I am asking this question because I assume this might have some implications for appending DHS datasets because I assume ot is possible to have the same cluster id but different cluster in different datasets, but appending such datasets will combine these different clusters but with the same IDs as the same cluster.

It might also be possible that the same cluster with diffferent IDs in different datasets will be treated as different clusters when these datasets are merged.

This also have implications for cluster effect on in multilevel modelling using pooled data because we don't know which cluster is affects the outcome because a respondent might be in different clusters in the pooled data, especially if the same respondent emerged in the different but pooled data.

I will be pleased to read anyone's take on this. Thank you.