
Subject: Re: Regression analysis based on 'Couples' Recode'

Posted by [Zoe_C](#) on Mon, 19 Apr 2021 10:09:24 GMT

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Dear,

Again, thank you so much for all you help. It is such a relief to be able to consult your knowledge on the matter.

My goal is to examine a possible relationship between frequency of mass media exposure (radio, television, print media) and intimate domestic violence attitudes towards married wives in India. Therefore, the CR was the most suitable database, since the unit of analysis is a couple that is currently married and living together. Before carrying out a binary logistic regression analysis, I've successfully merged some indicators (HV024, HV025, HV270, SH34, SH36) from the HR into the CR datafile, so I have some additional variables that provide information about the household the couple is situated in. Furthermore, I reduced the CR file to all couples from which the women participated and successfully completed the questions in the domestic violence module, leaving me with 47514 couples/cases. This reduction was necessary since the variable 'father ever beat mother' (D121 (for women) or SM716 (for men)) is a control variable in my analysis. Another choice is to carry out a binary logistic regression for wives and husbands separately, thus leaving me with two subsamples if you will (one for married wives, and one for married men). I know that the DHS strongly advises to use the 'national men's sample weight' (MV005) for analysis based on the CR file. However, I do still feel some confusion around that topic. Isn't more correct to use the 'national women's sample weight' (V005) for the subsample of wives, and the 'national men's sample weight' (MV005) for the subsample of husbands? Moreover, since I reduced to couples for which the wives participated in the domestic violence module, am I to use the domestic violence weight (D005) as well? More specifically, what weights am I advised to use for the subsample of wives and the subsample of husbands?

Furthermore, I still have missing values for the variable that registers the 'Type of caste or tribe of the household head' (SH36) (3.5%) and quite some 'don't know's' (0.5%). Do I need to narrow down my sample even more to exclude these from the analysis?

Thanks a lot in advance!

Kind regards,
Zoë Carette
