Subject: Weighting for binary logistic regression analysis in SPSS
Posted by Zoe_C on Wed, 28 Apr 2021 12:31:06 GMT
View Forum Message <> Reply to Message

Dear all,

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.

But, there seems to be some conflicting information on how to use weights in SPSS. This video link [https://www.youtube.com/watch?v=NNg8HD_lKow] instructs to divide the MV005 (the weight I'm using in the CR file) by 1 000 000 (in my dataset called WGT_men). However, some say this will generate wrong results. I've tried my analysis with both these options and the generated p-values are very different from one another: binary logistic regression with MV005 produces a lot more significant p-values (0,000) compared to an analysis with WGT_men.

Can someone provide some clarification on this topic?

Thanks in advance.

Kind regards,
Zoë Carette