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Subject: Calculating the estimated marginal effect of spousal violence on women's employment using NFHS 5 dta

Posted by [567241vp](#) on Mon, 08 May 2023 16:14:37 GMT

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Hi,

I'm currently working on a paper that seeks to understand the relationship between spousal violence and women's employment in India. I'm trying to run a logit regression with the following

, where E is the dependent variable representing employment for married women, V is the spousal violence experience indicator for the woman, W represents the set of attributes of the woman including her education level and age group; M represents the set of attributes of her husband, such as his propensity to consume alcohol and get drunk, education, and employment status (employed or unemployed); and H represents the set of attributes of the household, including its caste category, religion, and location.

I'm having trouble running the logit regression as I'm unsure which variables to use. Is there any advice someone could give me on this? I can also provide further details if necessary.

Thank you.

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Subject: Re: Calculating the estimated marginal effect of spousal violence on women's employment using NFHS 5 dta

Posted by [Janet-DHS](#) on Mon, 15 May 2023 16:54:29 GMT

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Following is a response from DHS staff member, Tom Pullum:

You are asking for more assistance than DHS staff can provide. All of your groups of variables are very vague. Perhaps other users can help.

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Subject: Re: Calculating the estimated marginal effect of spousal violence on women's employment using NFHS 5 dta

Posted by [dcpathak](#) on Fri, 01 Sep 2023 15:17:39 GMT

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Hi,

I came across this query today. I know it was asked way back, so apologies in advance if you do not need this response anymore.

I think you are trying to see how a woman's employment status affects her odds of spousal violence. In this case, the dependent variable should be spousal violence (a binary variable) and not employment status. You may have a look at my related paper

<https://doi.org/10.1177/09722661221132968>

I hope this helps.

