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Subject: Mother's employment and child vaccination  
Posted by [shruti.acharya](#) on Wed, 04 Oct 2023 06:22:50 GMT  
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I want to explore if maternal employment status have an impact on childhood vaccination status. I am using the KR file for this (NFHS-5 for India).  
Occupation status variable v731 has 35,622 responses, where as the total sample of children who are alive is 43,436. How do I deal with this issue?

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Subject: Re: Mother's employment and child vaccination  
Posted by [Janet-DHS](#) on Wed, 04 Oct 2023 21:22:06 GMT  
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Following is a response from DHS staff member, Tom Pullum:

You can do this kind of analysis with the KR file. Children under 5 are the cases in this file, but each record includes almost all of the mother's variables, including v731. You can see whether there is an association between the woman's employment status and the child's immunization status. Just note that v731 refers mostly to the woman's current status, which is after the dates of immunizations.

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Subject: Re: Mother's employment and child vaccination  
Posted by [shruti.acharya](#) on Wed, 11 Oct 2023 06:39:30 GMT  
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Thank you so much for the response.

I have an additional query. In case, I want to use paternal factors such as father's education, employment, media exposure, then, do I need to merge the KR file with IR file, or any other recode file? I am new to DHS data analysis and a little confused. Kindly let me know how to approach this merging of datasets using STATA?

Thanks and regards  
S.A.

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Subject: Re: Mother's employment and child vaccination  
Posted by [Janet-DHS](#) on Mon, 16 Oct 2023 20:25:23 GMT  
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Following is a response from DHS staff member, Tom Pullum:

The KR file includes (copied from the IR file) many characteristics of the woman's husband/partner in the v7\* variables. You can get a list of them with "describe v7\*". This is

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probably the best you can do. The biological father, if in the household, can be identified with his line number in the PR file, hv114. He MAY have been interviewed for the MR file but only 1/6 of households were selected for the male interview. Other posts describe how to merge the KR file with the MR file but it requires a merge with the PR file along the way. I strongly recommend just using the v7\* variables, which are already in the KR file. The mother's current husband/partner may not be the biological father but he may be more relevant for the child's welfare.

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