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Subject: Mothers Education on children's health  
Posted by [simotom](#) on Sat, 20 Feb 2016 15:15:38 GMT

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Hi  
I'm running a linear regression analysis to calculate the impact of mothers' education on children malnutrition in Zambia. I choose to use the KR recode file for the analysis because it has all the data I need about parents education and children health. I have a lot of independent variables and I choose Child Height for Age SD (New WHO, HW70) as the dependent variable. I recoded some of the variables so that 0 would have been the case with lack of something (no education, no toilet facility, bad type of cooking fuel...) and 1 to better situations. However the  $R^2$  and the adjusted one are very little significative. May be the way I recoded the variable? I also tried to recode in several other ways such us giving value between 1 and 5 to all the modalities of the variables, but still the results are not even sufficient to demonstrate something.  
I know this is a general statistical problem but I hope someone could help me.  
Thank you very much,  
Simo

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