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Subject: Calculating Under-5 Mortality Rate for Regression Analysis Using DHS 2022 Data in R-Studio

Posted by [n.borgmann](#) on Thu, 01 Aug 2024 09:35:44 GMT

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Hi everyone,

I am currently writing my bachelor's thesis, which investigates the correlation between the under-5 mortality rate (U5MR) and maternal education in Kenya using DHS 2022 data. I am using R-Studio for my analysis.

However, I am having difficulties obtaining the U5MR at an individual level. As I have read in this forum, it seems to be quite complex to calculate. I would like to know the best approach to take for this.

My goal is to perform a linear regression with fixed effects, where the dependent variable is the U5MR and the independent variable is the mother's years of schooling. Has anyone had experience with calculating the U5MR for use in regression analysis? In my calculations, I have never matched the published data from the reports.

I would greatly appreciate any help.

Thank you,

Nils Borgmann

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