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Subject: Re: Decomposition of Wagstaff

Posted by [marcmarcos](#) on Thu, 18 Jul 2024 05:57:54 GMT

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Lamine wrote on Sun, 14 July 2024 08:05Hello

I am a student and I have a research topic on trends in socioeconomic inequalities in the use of modern contraceptives in Burkina Faso from 2003 to 2021.

My socioeconomic variables are: wealth quintile and education level of the woman and the health variable is binary coded 1 "yes" and 0 "no".

I am requesting help for the decomposition of the wagstaff concentration index in order to estimate the contribution to inequalities related to wealth and education.

Thank you

Hi,

For your research on socioeconomic inequalities in contraceptive use in Burkina Faso, you can decompose the Wagstaff concentration index to quantify the contributions of wealth quintile and education level. This method helps to identify how much each factor contributes to the observed inequalities. You can achieve this using regression based decomposition, where the concentration index is broken down into the contributions of each determinant, allowing you to estimate the impact of wealth and education on contraceptive use disparities.

Best of luck with your research!

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