Subject: Decomposition of Wagstaff
Posted by Lamine on Sun, 14 Jul 2024 12:05:12 GMT
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Hello
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

Subject: Re: Decomposition of Wagstaff
Posted by Bridgette-DHS on Mon, 15 Jul 2024 12:22:34 GMT
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Following is a response from Senior DHS staff member, Tom Pullum:

This is a technical question that is not specific to DHS data. I am sorry, but DHS staff cannot provide an answer. Perhaps another user will respond.

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
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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!

Subject: Re: Decomposition of Wagstaff
Posted by Lamine on Fri, 19 Jul 2024 09:19:10 GMT
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Thanks a lot for your help.
If you have the wagstaff decomposition stata command, please let me know so I can adapt it to my analysis. THANKS