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Subject: Re: child nutrition inequality

Posted by [Reduced-For\(u\)m](#) on Thu, 19 Oct 2017 17:25:53 GMT

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I have some thoughts on this, but I don't know how helpful they would be.

1. If you are interested in inequality, it is not at all obvious you'd want to drop any non-stunted/wasted children. Inequality is usually about the spread of the entire distribution, not the right tail.
  2. It is not at all clear why you'd be worried about the  $R^2$  of the regression... what is your model trying to do that makes the  $R^2$  matter in a way that the standard errors on your variables of interest aren't the more important measure of precision? I just mean - why do you care about the  $R^2$ ?
  3. You can't really use a log model with negative values, so it is hard for me to understand how you tried that and it didn't work.
  4. If you gave me a little bit more context I might be able to offer more concrete suggestions, but in general I think this question is too broad of a statistics question to be appropriate for the DHS staff on the forum. It sounds more like you need a statistical consultant, and while there are some commenters here like me who can sometimes help, it is really outside the bounds of what this forum is designed to do.
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