Subject: Working with Wealth Index Quintiles
Posted by Ryan on Mon, 29 Sep 2014 14:20:55 GMT

I am working with the wealth index quintiles and trying to exploit the fact that, by definition, each quintile captures an equal share of the population. It seems to me that I should be able to take the (weighted) count of individuals in the poorest quintile in each region and divide that by the (weighted) sum of all individuals in the poorest quintile to get the fraction of the poorest quintile living in each region in a county. This would be very useful for me, because I could then make statements about where people of different wealth levels live inside a country. The figures would be comparable between, for example, richest and poorest because each group represents 20% of the population.

Before I do this, I was wondering if I was making any conceptual mistakes in my treatment of the weights. I was also trying to think through if these calculations should be done on the individuals or household dataset. I think I need to work with the individuals, but presumably then I also need to merge the male and female datasets?

Any advice on this general idea would be appreciated.

Thank you