Subject: Problem with recreating Asset quintiles Posted by Preksha Mishra on Wed, 08 Jun 2022 18:33:50 GMT View Forum Message <> Reply to Message

Hi, I am attempting to recreate the Asset Quintiles for India(2015-16) as provided in the data basis cut-off points derived from the wealth index factor score (hv271 in PR file). I haves subset for de cure population before creation of quintiles.

My issue is that finding quintile cut-off points in R is not giving me the same Asset quintiles for roughly 780 observations. I am assuming that this is because my cut-off points are incorrect.

- a) Can the factor score given in the dataset directly be used to make quintiles weighted by hv005/100000 (Wt_nat) in the PR file? If not then how to go about it?
- b) If (a) is correct, then what could be the reason why my cut off points differ from the one used to the construct the quintile?

This is what I got using the following:

check_bins\$quintile2 <- with(check_bins, cut(hv271,</pre>

breaks= wtd.quantile (hv271, q=seq(0,1, by=0.2), na.rm = FALSE, weight =

Wt nat),

include.lowest=TRUE, labels = c(1,2,3,4,5))

20% -0.92065 40% -0.26808 60% 0.38776 80%. 1.06845

However, this is what was given in the wealth index excel file under Combined national wealth score tab. Are these the cut-off points?

20% -.9294019 40% -.2665299 60% .3948751 80% 1.0727570

I would really appreciate any help in this regard!