Subject: [BD 1999-00 & 2004] Calculating HAZ and the other anthropometric measurements
Posted by takanome on Thu, 02 Feb 2023 14:14:24 GMT
View Forum Message <> Reply to Message

I am making a dataset consisting of Bangladesh children aged under five.

After combining the latest 6 waves (1999-00 to 2017-18) which include survey GPS locations, I realized that the variables for "Height-for-Age z-score (HAZ)", `hw70`, and the other relevant variables for WAZ and WHZ are missing in the first two waves (1999-00 and 2004).

Instead, another variable "height in centimeters" `hw3` is available for those periods. If any, would you be able to share the Stata code to calculate HAZ, WAZ, and WHZ using height, weight, and age (month)?

I need to calculate these consistently with those in DHS in 2007 onwards to make sure they are in the same unit and comparable, otherwise, I would drop observations from DHS 1999-00 and 2004.

Thank you for your help in advance and I look forward to hearing your answer.

Subject: Re: [BD 1999-00 & 2004] Calculating HAZ and the other anthropometric measurements
Posted by Bridgette-DHS on Thu, 02 Feb 2023 21:09:53 GMT
View Forum Message <> Reply to Message

Following is a response from Senior DHS staff member, Tom Pullum:

You can get the WHO Z-scores by merging with HW files that have been specially prepared for this purpose. The file of children with the "new" scores for the 1999-2000 survey is BDHW4IFL.dta. For the 2004 survey, it is BDHW4JFL.dta. Let us know if you have difficulty finding these files or doing the merge. I haven't checked these specific files, but the HW files often require some tricky unpacking of ID codes for the merge.