
Subject: Replicating BDHS Table on History of Diabetes

Posted by [jilans](#) on Thu, 30 Nov 2017 11:39:49 GMT

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Hi

I am trying to replicate tables (Table 15.4 of page 243) on history of diabetes for Bangladesh DHS 2011 report.

1. I am finding it difficult to arrive at the same denominator values for numbers of respondents. I seem to have a far greater number of women in the cohort than in the report.

2. I also realised a number of respondents have more than 1 blood glucose measurements (sh284_1 to sh284_8). The report doesn't say which of the measurements or whether an average of the measurements was used in determining cut-off points for classifying DM 'diagnosis' (FPG 7mmol/L and over).

3. On page 242, it says to convert the blood glucose measurements from mg/dl to mmol/L, values were multiplied by 0.0551. Which works out well when I tried to convert sh284 to mmol/L. However, it then said necessary adjustments were made to glucose measurements in 'whole blood' to 'plasma glucose' equivalent by multiplying each value by 1.11. Does it mean that I would need to do $sh284 * 0.0551 * 1.11$ to arrive at other corresponding national data?

Please can anyone help answer these questions and include Stata commands where possible?

Many thanks.
