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Subject: Diabetes in SADHS 2016

Posted by [Frankfeng](#) on Mon, 08 Jun 2020 12:00:05 GMT

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Dear DHS team

I am using SADHS's household member dataset. There are variables named "final result hba1c for women (3 decimals implicit)" (shwhba1c) or "final result hba1c for men (3 decimals implicit)"

HbA1c value between 5.7% and 6.4% classifies an individual as being pre-diabetic. I tried to recode but I cannot get the same percentages.

My questions are: 1. is "final result hba1c for women (3 decimals implicit)" an adjusted or a unadjusted hba1c?

2. If not, how I can adjust it? From the report, it says: "To adjust HbA1c measurements for this difference in specimen type, the following equation was used:  $\text{venous} = (\text{DBS} - 0.228) / 0.9866$ ." where I can get the DBS?

Or any other variables in SADHS contain such information?

Thank you.

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