

Review of: "Correlation Between HbA1c and Body Mass Index Among Patients with High Lipid Profile Attending Johns Hopkins Aramco Healthcare Hospital in Saudi Arabia"

Grace Rebekah¹

¹ Christian Medical College Vellore

Potential competing interests: No potential competing interests to declare.

The study is well written; however, there is a very huge sample size, which is not necessary. I would recommend the author to estimate the sample size based on the study objectives and reanalyze a subset of the data instead of the entire sample. As even the minimal correlation is picked up to be highly significant, which would clinically not be significant, certain strict inclusion criteria such as specific age and timeline could bring down the sample size. No major statistical analyses are done. The objectives need to be rewritten and reanalyzed for better visibility. There are no graphical representations done, which is highly recommended.