



SDI Review Form 1.6

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	Ms_IJBCRR_49454
Title of the Manuscript:	A Preliminary Study on Determination of Glycemic Index and Glycemic Loads of Commonly Consumed Food Items of Cassava and Sweet Potato of Bench Maji Zone, South West Ethiopia 2017.
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>I believe that introduction is faster and better read without topics. Specially, an introduction should be short and direct, only explaining about novelty. Who will read about this paper even knows what diabetis is and knows about pancreatic cells, to put it is unnecessary. Maybe introduction could be changed for a short linkage between the issue GL and GI, after, The Role of Blood Glucose and Diabetes Mellitus, after, The Role of Nutrition and Management of Diabetes mellitus, and at least, The Treads of Root Crops Production of Ethiopia, all of them shorter then now, except the issue GL and GI and The Treads of Root Crops Production of Ethiopia, topics really important to the paper's theme.</p> <p>In topic Study design and period, retire the dots at the end, and put only the Study design and period, should retire the longer explanation about local, explaining only that in Mizan-Aman town of Bench Maji Zone South west Ethiopia. It is unnecessary to explain that in "Mizan-Aman is located 581 km from Addis Ababa of Ethiopia. In Bench Maji Zone, there are 15 the government health centers, 11 medium private clinics and one teaching referral hospital found".</p> <p>In Selection of Study Populations, had 23 healthy participants, but more explanation is necessary. Are them healthy? (could be chronic diseases?); with same physical activity levels? (as trained individuals had had different glycemic curves than sedentary subjects); both sexes? (because exclude pregnant) and how you can control the glycemic curve in women after menopause, when hormone curves can affect glycemic curve?</p> <p>In the topic Data Quality Control, is important describe how the translation was done, since for in academic research, questionnaires should be validated in maternal language before use.</p> <p>In Statistical Analysis, the "p" value should stay in lower case. Had a sample calculation? Or was a sample convenience? I saw that you named as "a preliminary study" could be better named "a pilot study"</p> <p>In figure 2 (Graphic presentation of glycemic index and glycemic loads of tested foods), I strongly suggest to include the withe bread in graphic.</p> <p>In Discussion, you need explain your result with accordance or discordance of previous studies, avoiding repeat data previously mentioned, as GI ranges. You should'nt put results again, as all the second paragraph of discussion. You need mentionate the differences expected in relation to your results and their results and what can explain these differences.</p> <p>In the third paragraph you mentionate that "The result of current study shows that, the GI of cassava food had the medium GI and high GL values. The blood glucose response of the cassava had lower than the reference food of white bread." What it is good? At the same in paragraph that you wrote about sweet potato. Explain about the lower quality of white bread carbohydrates, and for what is better chose the cassava and sweet potatoes, than other carbohydrates, especially for diabetics.</p>	<p>Corrections have been effected in the revised part</p>
Minor REVISION comments	<p>Exclude "The current study result indicated that" in abstract;</p> <p>Change "It was first originated" for "It was first measured";</p> <p>Glycemic load (GL)refines, put an space between (GL) and refines;</p>	<p>All corrections have been made accordingly</p>



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	<p>In page 7, you can put spaces between after and 45 seconds in “which gave direct readings after45 seconds”; and you can put spaces between et and al, retiring the dot in “of Farunkh etal.(26).”</p> <p>In Table 1, all parameters which had measurements (as BMI(kg/m²) need to put an space between the parameter and unit of measure).</p> <p>In all results part, you should carefully observe the correct space between words and parenthesis.</p> <p>In discussion topic, you should start the first paragraph has showing the powerful of work. How this study have differences between other previous papers?</p>	
<u>Optional/General</u> comments	The topics “Preparation of the research foods” Laboratory Sample Collection for Glycemic index and Glycemic loads, and Determination of Glycemic index and Glycemic loads of foods, were full field described with success. Congratulations.	Ok thanks

PART 2:

	Reviewer’s comment	Author’s comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	