

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_130912
Title of the Manuscript:	Assessing the Contribution of Economic Indicators to GDP Growth in India: A Regression Analysis
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	Agriculture plays a vital role in boosting GDP through its contributions to food security, employment and export earnings. Therefore, understanding the relationship between GDP, key agricultural and economic variables is paramount. Because it will aid the policymakers to enhance economic resilience and sustainable growth. Furthermore, the regression technique used in the study, is a powerful method for modelling relationship between a dependent and one or more independent variable, because of its high efficiency and ability to control for confounding variables.	okay
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is quit OKAY.	okay
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract of the article is comprehensive and precise.	okay
Is the manuscript scientifically, correct? Please write here.	The study is scientifically correct and technically sound, because the relationship between GDP, Key agricultural and economic variables was ascertain using Correlation and regression analysis techniques accordingly. And this will definitely aid the government in taking the proper measures.	okay
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and recent.	okay
Is the language/English quality of the article suitable for scholarly communications?	The Quality of the English used in the article is Okay.	okay
Optional/General comments	The ordinary least squares method is quite sensitive for outlying observations, both for dependent and independent variables and can have an adverse effect on the estimate. In higher dimensional data, these outlying observations can remain unnoticed. So, after running a regression analysis, you should check if the model works well for the data. One of the ways to check if the model works well is by plotting the residuals, it shows how poorly a model represents data and could also reveal unexplained patterns in the data by the fitted model. So, looking the Coefficient of determination (R^2) of this study, actually is quit OKAY. But still it will be good to plot the residuals of regression estimate so as to view the real pattern of how the model fit the data.	The model is checked for multicollineairty, heterskedasticity and data distribution the model is not affected by these problems and model is strong

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PART 2:

	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)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	NO