



SDI Review Form 1.6

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	2014_BJMCS_13484
Title of the Manuscript:	An Application of Continuous –Time Delay Differential Equations in Price Dynamics of Maize in Ghana
Type of the Article	Research Paper

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:

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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)
<u>Compulsory</u> REVISION comments	I suggest authors to re-write the abstract section. Nonlinearity in maize market should be explained more. Answer the following questions within the paper: -Does the maize prices formed in a competitive market? -It is not clear the difference between linear and nonlinear models. -Explain how to estimate nonlinear model for the determinants of maize prices. -Maize prices be related by other prices such as wheat. You may refer to Selli, Bayaner and Yilmaz (2011) for the relationship between different prices. -Authors may also think about the possible asymmetry in terms of price dynamics. See Berument, Sahin and Sahin (2014) for this issue. The coefficient for the nonlinear term is not explained. Why it is negative? Improve the language of the paper. References Berument, Hakan, Sahin, Afsin, Sahin, Serkan (2014). "The Relative Effects of Crude Oil Price and Exchange Rate on Petroleum Product Prices: Evidence from a Set of Northern Mediterranean Countries". Economic Modelling, 42 (243-249). Sahin Afsin, Selli, Ferhat, Bayaner, Ahmet and Akdi, Yilmaz (2010). "Dynamic Relationships in Meat Market", Electronic Journal of Applied Statistical Analysis Vol. 4, No. 1, 2011: 83-90.	• Some changes have been made in the abstract. • There is a clear distinction now between linear and nonlinear models • The models performed on the assumptions that, maize has no equal substitutes to compete with and there are no exogenous shocks needed to generate price fluctuations so that market price is determined by only the available supply. • Asymmetric effects considered. • I have now gone through the paper and improve the language.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		