



SDI Review Form 1.6

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	MS: 2012_BJAST_2698
Title of the Manuscript:	Data Analyzing by Attention to Weighted Multicollinearity in Logistic Regression Applicable in Industrial Data

General guideline for Peer Review process is available in this link:

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

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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 Some of the material in Introduction may be put in the abstract keeping the length same		A. Some parts of abstract and introduction are deleted and some parts are added. B. Multicollinearity makes inflate parameters estimation and their variances. Consequently, model will be unstable and the interpretation of the relation between the response and each explanatory variable in terms of odds ratios may be erroneous. Thus it is natural to look at biased estimators that can achieve a large reduction in variances. So PCA, PLS, ridge and Stein methods are suggested. And finally, assessment indicators such as deviance and sum of coefficients variance are used.
	not clear to me except that are trying to find which method would give minimum variance	
Minor REVISION comments	what is \bar{S}_j in (1.4)? what is m_j not explained here? what is w_{hj}^* in (2.2)? Good references.	\bar{S}_j , m_{ju} and w_{hj}^* are explained in the manuscript, and also details of the procedure for computing w_{hj}^* are expressed in [Bastin et.al (2005)].
Optional/General comments		