



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_40440
Title of the Manuscript:	Heart Disease Diagnosis via Nonparametric Mixture Models
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>)

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	The authors provide an elegant and comprehensive statistical/mathematical model to more accurately diagnose heart disease. The data are solid and the clusters discrete. However, without any solid application in the clinic, this paper is just an interesting intellectual exercise. The authors should provide a concrete example of how and when heart disease diagnosis might benefit from using this model and analyses. For example, how and when would a physician be able to use this model to aid him/her arrive at a heart disease diagnosis and whether the patient is high-risk or low risk? I don't think that most physicians can simply read this paper and be able to apply it to diagnosing their patients, because most physicians do not understand math that well.	
Minor REVISION comments	The authors should consult a native English speaker to correct some of the grammar. For example, in the Conclusions section, 12 lines from the bottom, "A more closer look..." Delete "more". The abstract should be self-contained and not contain any references e.g., [32]. The content of reference [32] may be briefly mentioned as background.	
Optional/General comments		

Reviewer Details:

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