



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_39367
Title of the Manuscript:	An Exposition of the Eight Basic Measures in Diagnostic Testing Using Several Pedagogical Tools
Type of the Article	Original 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:

(<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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	The concepts presented on the 8 measures may indicate more references, since it only indicates the reference Rushdi, A. M. & Rushdi, R. A. (2018). which is very specific to a clinical domain. Consider putting more references to such concepts. On Bayesian networks I suggest adding two important references, A and B. A) P. Dagum M. Luby, "Approximating probabilistic inference in bayesian belief networks is np-hard," Artif. Intell., vol. 60, no. 1, pp. 141–153, Mar. 1993. [Online]. Available at: http://dx.doi.org/10.1016/0004-3702(93)90036-B B) S. Theodoridis, Machine Learning, A Bayesian and Optimization Perspective, First Edition, 1st ed. Boca Raton, FL, USA: Elsevier, 2015.	We cited more references for the concepts presented. We added a new paragraph on Bayesian Networks, together with a few references including the two suggested by the reviewer.
<u>Optional/General</u> comments	The papper is well written, explaining concepts about contingency table, signal flow graphs, Ternary Problems of Conditional Probabilities directed a conclusion consistent with the text presented. It presents the eight measures for diagnostic test. Attached material such as tables with mathematical formulas, mesure, contingency matrix, diagrams, Karnaugh map, graphs, probability calculations, and the 18 relationships enrich the search and enable accomplishing your tutorial purpose.	