

# Methodological and Statistical Issues in Diagnostic Research

Siamak Sabour<sup>1,2\*</sup>

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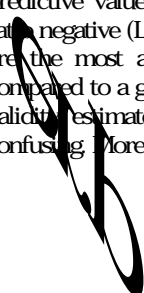
**\*Corresponding author:** Siamak Sabour, Department of Clinical Epidemiology, School of Health, Safety Promotion and Injury Prevention Research Center, Shahid Beheshti University of Medical Sciences, Tehran, IR, Chamran Highway, Velenjak, Daneshjoo Blvd, Iran, Tel: +98-21- 22421814; E-mail: s.sabour@sbmu.ac.ir

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## Editorial

Diagnostic researches are among interesting of clinical researches. However; methodological and statistical issues in such researches are not being considered appropriately. Diagnostic value should be considered as diagnostic accuracy (validity) and diagnostic precision (reliability or agreement). In case of binary variable, sensitivity, positive predictive value (PPV), negative predictive value (NPV), likelihood ratio positive (LR+), likelihood ratio negative (LR-) as well as odds ratio (ratio of true to false results) are the most appropriate estimates to evaluate validity of a test compared to a gold standard. it is better to report all these validity estimates together. Otherwise, interpretation will be confusing. Moreopai to. g g gti



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