



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2014_BJAST_14975
Title of the Manuscript:	Likert Scale: Explored and Explained
Type of the Article	Opinion 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>)



SDI Review Form 1.6

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	It is an important and necessary revision; but few lines are stressed to clarify the difference and importance between Likert type scales and Likert scales. Also, authors must consider that both Likert type scales and Likert scales could be used to measure all kind of constructs, including human attitudes. Authors should submit the conveniences and inconveniences of these details further. Likewise, authors must show the limitations of this differentiation since statistically or mathematically findings with parametric and nonparametric tests are very similar when it has large populations, more than 100 participants, as is common in studies of performance evaluation psychometric constructs. Authors need to expand the number of references to journal articles in the psychometric components.	Thanks for your comment to improve the manuscript. We are explaining the raised issue by esteemed reviewer as under- 1 Difference and importance between Likert type scales and Likert scales is reframed and explained in detail as suggested by reviewer (para3-4;pg5) 2 In response to point2,3 and 4 this is humbly submitted that the initiating idea at the back was the confusion perceived(in a online forum) about the analysis of such Psychometric attributes among medical educational researcher(para2;page4). Here the basic question is what are you measuring and how are you measuring (decides at the time of commencing the research)...your direction of inquiry may give you different measure of central tendency and measure of dispersions (page8-11) hence your statistical interpretations may be distorted or misleading. The basic assumptions behind applying parametric and non-parametric techniques are all together different; as the rules (if any) under which numerals are



SDI Review Form 1.6

		assigned are different for Likert and Likert type scale ...hence they should be interpreted in different manner.(page-8-11) We are in agreement to reviewer that a non – parametric distribution (when sample size is large) may approach to parametric distribution mathematically but for educational researches in which the sample size not much sometimes do not contain much information to let the researcher assume the shape of the distribution and normality test have little power to detect whether or not samples are taken from normal population. Parametric test are not robust when the distribution is non parametric. On the other hand if one applies a non-parametric test on normal population ,they may not pick up the difference as they have less power than parametric test.....so a wrong decision may be misleading.
<u>Minor</u> REVISION comments	Authors should review the redaction according international standards for scientific publication	Thanks for the guidance.... we have reframed the script as per reviewer observation.
<u>Optional/General</u> comments		