

## Study Design of Validation Studies Needs Attention: A Letter to the Editor

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**Submitted:** 04 Aug 2016; **Accepted:** 07 Aug 2016; **Published:** 10 Aug 2016

Psychometrics has a very important role in psychiatry, primary health care, public health, and many other fields for measuring the attitude [1]. With the increase in the number of multicultural research projects, the need to adapt scales or tools for use in other than the source language has also grown rapidly [2]. Cross cultural adaptation demands to follow standard psychometric validation process to assess the health outcomes appropriately and researchers using instruments in different culture after validation [2]. Currently most of the researchers are mentioning cross sectional study as the study design during performing the validation studies with few hesitations in regards to the study design [2, 3]. But, in every step of the validation study, there are different scientific established procedures those are being used day to day and contradictory to the basic cross-sectional design concept [2-4]. Steps in validation study comprise standard translation & cultural adaptation, reliability testing in different forms by statistical markers, validity testing in different forms with distinctive statistical analysis, separate methods of sample size estimation [2-4]. Recent review revealed that, there are variations in mentioning the study design of validation studies; some are not mentioning the study design, some are mentioning as cross-sectional design and few are using methodological study as study design [2]. It is also opined and recommended to use methodological study or validation study as separate study design in regards to study design of the cross cultural validation studies as the steps involved in cultural adaptation is significantly different from the other types of study design [2-4]. Author intends to raise the issue as well as to draw more attention of the scientific community to ascertain the study design of cross cultural validations as separate study design.

### References

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