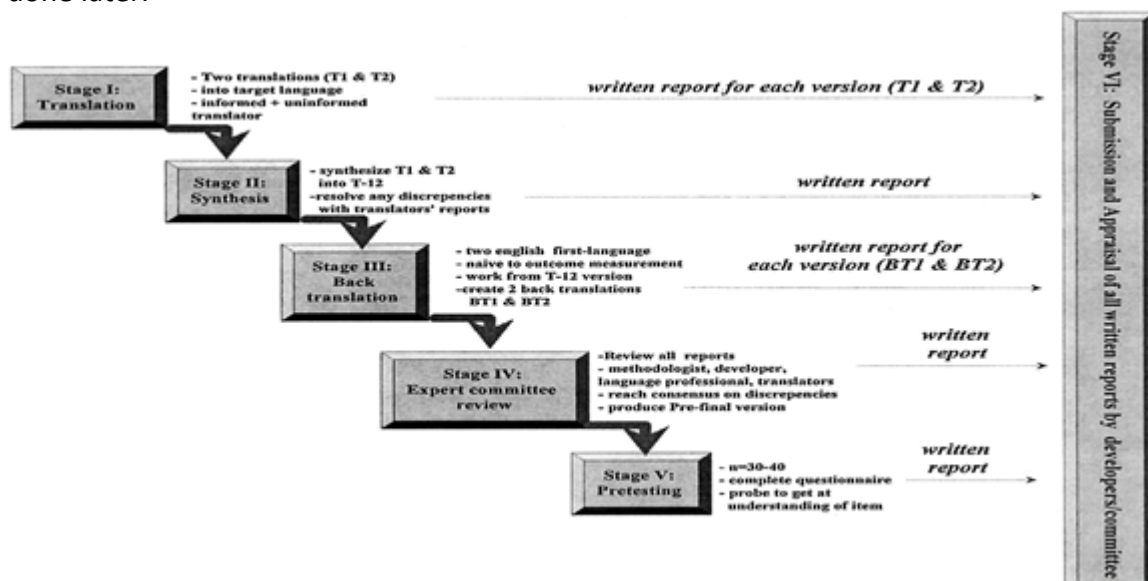


The tool was translated using the international recommendation of "forward and backward translations" (See the Figure below). It was tested among Hausa speaking Internally Displaced Persons in North Eastern Nigeria.

### Preliminary results

The CVI score of the DASS-21-Hausa is (0.9), **Construct validity** (concurrent) with the Multidimensional Scale of Perceived Social Support (MSPSS) scale ( $r = -0.231^{**}$   $p < 0.001$ ), **Reliability**: internal consistency reliability of the DASS-21 including all items was high with Cronbach's alpha 0.893. The Depression subscale (DASS-21 D) has Cronbach's alpha 0.763; Anxiety subscale (DASS-21 A) 0.724; and Stress subscale (DASS-21 S) 0.743. The inter-rater reliability for the DASS-21 scale was: ICC average measures, the DASS-21 scale has ICC 0.893,  $p < 0.001$ ; DASS-21 Depression subscale ICC 0.763,  $p < 0.001$ ; DASS-21 Anxiety subscale ICC 0.724,  $p < 0.001$  and DASS-21 Stress subscale ICC 0.743,  $p < 0.001$ . Other analysis will be done later.



Source: Beaton, Bombardier, Guillemin, & Ferraz (2000)

### Reference

Beaton, D. E., Bombardier, C., Guillemin, F., & Ferraz, M. B. (2000). Guidelines for the process of cross-cultural adaptation of self-report measures. *Spine*, 25(24), 3186-3191.