

## **APPENDIX 19: FIELD-TEST DIFFERENTIAL ITEM FUNCTIONING (DIF) CLASSIFICATION RULES**

### **DICHOTOMOUS (MULTIPLE-CHOICE) DIF CLASSIFICATION**

The Dichotomous (Multiple-Choice) DIF classification was defined as:

Rule 1:  $|\hat{\Delta}_{MH}| < 1.0$  was classified as A.

Rule 2:  $1.0 \leq |\hat{\Delta}_{MH}| < 1.5$  was classified as B.

Rule 3:  $1.5 \leq |\hat{\Delta}_{MH}|$  was classified as C.

### **POLYTOMOUS (CONSTRUCTED-RESPONSE) DIF CLASSIFICATION**

The Polytomous (Constructed-Response) DIF classification was defined as:

Rule 1:  $|Z_{SMD}| < 2.00$  was classified as A.

Rule 2:  $2.00 \leq |Z_{SMD}| < 5.00$  was classified as B.

Rule 3:  $5.00 \leq |Z_{SMD}|$  was classified as C.

+ = Favors the Focal Group

- = Favors the Reference Group