Exhibit 13.8: Example of Item Response Function for a Dichotomous Multiple-Choice Item from the TIMSS 2015 Fourth Grade Mathematics Assessment

Probability of a Correct Response for Estimated Proficiency
TIMSS 2015 Trend - 4th Grade Mathematics - CLB
Location=M14_03 Item=M061244 a=1.045 b=0.031 c=0.251