

Table 5.13 Mean Performance of the Australian and New Zealand Intellectual Disability Group and the Matched Control Group

| Subtests/Composites | ID | | | Matched Control | | | Group Mean Comparison | | | | |
|---|------|------|-------------------|-----------------|------|-------------------|-----------------------|------------|---------|---------|----------------------------------|
| | Mean | SD | % With Score ≤ 70 | Mean | SD | % With Score ≤ 70 | N | Difference | t value | p value | Standard Difference ^a |
| Subtests | | | | | | | | | | | |
| Listening Comprehension | 68.0 | 12.7 | 62 | 99.9 | 12.9 | 0 | 42 | 31.83 | 11.52 | <.01 | 2.49 |
| Reading Comprehension | 63.3 | 13.3 | 66 | 98.1 | 12.9 | 0 | 29 | 34.83 | 10.66 | <.01 | 2.66 |
| Maths Problem Solving | 61.3 | 11.6 | 78 | 98.5 | 12.6 | 2 | 41 | 37.17 | 14.93 | <.01 | 3.07 |
| Sentence Composition | 67.0 | 13.2 | 57 | 96.5 | 12.5 | 0 | 35 | 29.49 | 9.33 | <.01 | 2.29 |
| Word Reading | 63.4 | 13.1 | 74 | 97.2 | 13.3 | 3 | 38 | 33.74 | 12.11 | <.01 | 2.56 |
| Essay Composition | 67.3 | 11.7 | 55 | 99.2 | 13.0 | 0 | 31 | 31.87 | 9.66 | <.01 | 2.58 |
| Essay Composition: Grammar and Mechanics ^b | 73.2 | 7.4 | 39 | 96.9 | 12.5 | 0 | 31 | 23.68 | 10.53 | <.01 | 2.31 |
| Pseudoword Decoding | 66.0 | 11.5 | 57 | 94.8 | 13.7 | 5 | 37 | 28.84 | 12.34 | <.01 | 2.28 |
| Numerical Operations | 60.9 | 14.1 | 76 | 97.9 | 13.4 | 0 | 42 | 37.05 | 12.97 | <.01 | 2.69 |
| Oral Expression | 64.0 | 11.8 | 61 | 96.9 | 12.7 | 0 | 41 | 32.88 | 13.07 | <.01 | 2.68 |
| Oral Reading Fluency | 67.8 | 14.9 | 56 | 98.1 | 13.8 | 0 | 18 | 30.22 | 6.00 | <.01 | 2.10 |
| Oral Reading Accuracy ^b | 64.4 | 14.6 | 67 | 92.8 | 15.5 | 6 | 18 | 28.44 | 5.59 | <.01 | 1.89 |
| Oral Reading Rate ^b | 71.6 | 15.9 | 44 | 98.4 | 11.9 | 0 | 18 | 26.83 | 5.30 | <.01 | 1.91 |
| Spelling | 65.6 | 12.1 | 69 | 96.0 | 12.5 | 0 | 42 | 30.40 | 11.37 | <.01 | 2.47 |
| Maths Fluency—Addition | 65.9 | 13.9 | 65 | 100.9 | 12.0 | 0 | 37 | 34.95 | 11.27 | <.01 | 2.69 |
| Maths Fluency—Subtraction | 63.2 | 15.1 | 68 | 97.7 | 13.8 | 3 | 34 | 34.47 | 11.18 | <.01 | 2.38 |
| Maths Fluency—Multiplication | 67.4 | 10.2 | 68 | 96.7 | 14.7 | 4 | 25 | 29.24 | 8.64 | <.01 | 2.31 |
| Composites | | | | | | | | | | | |
| Oral Language | 63.0 | 10.8 | 78 | 98.0 | 12.8 | 0 | 41 | 35.00 | 13.79 | <.01 | 2.96 |
| Total Reading | 65.1 | 10.9 | 67 | 93.5 | 11.9 | 0 | 15 | 28.33 | 6.78 | <.01 | 2.48 |
| Basic Reading | 63.9 | 13.1 | 68 | 95.5 | 12.8 | 0 | 37 | 31.57 | 12.56 | <.01 | 2.44 |
| Reading Comprehension and Fluency | 65.4 | 10.7 | 60 | 96.1 | 16.0 | 0 | 15 | 30.67 | 5.82 | <.01 | 2.25 |
| Written Expression | 64.8 | 11.4 | 69 | 96.3 | 11.9 | 0 | 39 | 31.49 | 11.99 | <.01 | 2.70 |
| Mathematics | 60.9 | 11.7 | 83 | 97.6 | 12.6 | 0 | 41 | 36.71 | 15.18 | <.01 | 3.02 |
| Maths Fluency | 65.7 | 12.1 | 72 | 98.8 | 12.8 | 0 | 29 | 33.14 | 11.18 | <.01 | 2.66 |
| Total Achievement | 61.8 | 8.1 | 81 | 94.1 | 10.9 | 0 | 16 | 32.31 | 9.76 | <.01 | 3.36 |

Note. Subtests Early Reading Skills and Alphabet Writing Fluency were omitted due to small sample size.

ID = Mild or Moderate Intellectual Disability.

^a The Standard Difference is the difference of the two test means divided by the square root of the pooled variance, computed using Cohen's (1996) Formula 10.4.

^b Supplemental scores.