

# APPENDIX to Chapter 6

**TABLE eA6.1** Critical Values for Significant Difference Between Actual and Predicted WAIS–IV Index Scores

| Comparison           | Sig. Level | FSIQ | VCI   | PRI   | WMI   | PSI   |
|----------------------|------------|------|-------|-------|-------|-------|
| WAIS–IV Retest       | 0.05       | –    | –     | 8.45  | 9.27  | 11.86 |
|                      | 0.01       | –    | –     | 11.41 | 12.52 | 16.02 |
| WAIS–IV vs. WAIS–III | 0.05       | 5.64 | 7.74  | 8.87  | 9.19  | 12.25 |
|                      | 0.01       | 7.43 | 10.45 | 11.98 | 12.42 | 16.55 |
| WAIS–IV vs. WISC–IV  | 0.05       | 6.06 | 8.19  | 8.62  | 9.34  | 11.36 |
|                      | 0.01       | 7.97 | 11.06 | 11.64 | 12.62 | 15.34 |

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**TABLE eA6.2** Critical Values for Significant Difference Between Actual and Predicted WAIS–IV Subtest Scores

| Comparison           | Sig. | VC   | SI   | IN   | BD   | MR   | DS   | AR   | CD   | SS   | VP   |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|
| WAIS–IV Retest       | 0.05 | 1.89 | 2.69 | 2.05 | 2.64 | 2.28 | 1.96 | 2.54 | 2.80 | 3.22 | 2.32 |
|                      | 0.01 | 2.56 | 3.63 | 2.78 | 3.57 | 3.08 | 2.65 | 3.44 | 3.78 | 4.34 | 3.13 |
| WAIS–IV vs. WAIS–III | 0.05 | 1.92 | 2.50 | 2.15 | 2.69 | 2.23 | 2.07 | 2.50 | 2.88 | 3.09 | –    |
|                      | 0.01 | 2.60 | 3.38 | 2.90 | 3.64 | 3.01 | 2.79 | 3.38 | 3.89 | 4.17 | –    |
| WAIS–IV vs. WISC–IV  | 0.05 | 2.05 | 2.46 | 2.18 | 2.56 | 2.11 | 2.18 | 2.44 | 2.57 | 2.92 | –    |
|                      | 0.01 | 2.77 | 3.32 | 2.95 | 3.46 | 2.85 | 2.94 | 3.30 | 3.47 | 3.94 | –    |

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**TABLE eA6.3** WAIS–IV Actual versus Predicted Index Discrepancy Base Rates:  
Time 2 Predicted from Time 1

| Difference | PRI   |       | WMI   |       | PSI   |       |
|------------|-------|-------|-------|-------|-------|-------|
|            | A > P | A < P | A > P | A < P | A > P | A < P |
| 26         | –     | –     | –     | 0.34  | –     | 0.34  |
| 25         | –     | –     | –     | 0.67  | 0.34  | 0.68  |
| 24         | –     | –     | –     | 0.67  | 0.68  | 0.68  |
| 23         | –     | –     | –     | 1.01  | 0.68  | 1.01  |
| 22         | –     | –     | –     | 1.01  | 0.68  | 1.01  |
| 21         | –     | –     | –     | 1.34  | 1.35  | 1.01  |
| 20         | 0.34  | –     | 0.67  | 2.01  | 2.03  | 1.35  |
| 19         | 1.01  | 0.34  | 1.34  | 2.01  | 2.36  | 1.69  |
| 18         | 1.34  | 1.34  | 1.68  | 2.01  | 2.70  | 1.69  |
| 17         | 1.68  | 1.68  | 2.01  | 2.01  | 3.38  | 2.70  |
| 16         | 2.01  | 2.68  | 3.02  | 2.35  | 4.39  | 2.70  |
| 15         | 2.68  | 2.68  | 3.02  | 2.68  | 5.41  | 3.04  |
| 14         | 3.36  | 3.69  | 4.70  | 2.68  | 6.08  | 3.72  |
| 13         | 4.36  | 4.03  | 4.70  | 4.36  | 7.09  | 4.73  |
| 12         | 6.71  | 6.04  | 5.37  | 5.70  | 7.09  | 6.76  |
| 11         | 8.39  | 7.38  | 6.38  | 7.05  | 8.45  | 8.45  |
| 10         | 11.41 | 9.73  | 8.05  | 9.73  | 10.47 | 9.80  |
| 9          | 13.09 | 11.74 | 10.74 | 12.08 | 12.84 | 11.15 |
| 8          | 14.77 | 13.76 | 13.76 | 16.44 | 15.20 | 13.51 |
| 7          | 18.12 | 16.11 | 17.11 | 18.79 | 18.24 | 16.89 |
| 6          | 24.16 | 19.46 | 20.81 | 21.14 | 23.31 | 20.95 |
| 5          | 26.51 | 25.84 | 25.50 | 24.50 | 26.69 | 26.35 |
| 4          | 31.54 | 30.87 | 29.53 | 28.19 | 31.76 | 31.76 |
| 3          | 34.90 | 36.58 | 35.23 | 35.91 | 34.46 | 37.16 |
| 2          | 40.27 | 43.29 | 43.29 | 39.60 | 39.53 | 45.95 |
| 1          | 45.64 | 48.66 | 47.99 | 45.64 | 43.92 | 50.34 |

Note: A>P indicates actual WAIS–IV is higher than Predicted WAIS–IV and A<P indicates Actual is less than Predicted.

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**TABLE eA6.4** WAIS–IV Actual versus Predicted Subtest Discrepancy Base Rates:  
Time 2 Predicted from Time 2

| Difference | Vocabulary     |       | Similarities |       | Information |       | Block Design |       | Matrix Reasoning |       |
|------------|----------------|-------|--------------|-------|-------------|-------|--------------|-------|------------------|-------|
|            | A > P          | A < P | A > P        | A < P | A > P       | A < P | A > P        | A < P | A > P            | A < P |
| 6          | –              | –     | –            | –     | 0.34        | –     | –            | –     | 1.02             | –     |
| 5          | –              | 0.34  | 0.67         | 1.01  | 1.01        | –     | 0.34         | 0.34  | 2.05             | 0.34  |
| 4          | –              | 1.35  | 1.01         | 2.35  | 1.68        | –     | 2.68         | 1.68  | 3.75             | 5.12  |
| 3          | 2.02           | 3.70  | 6.71         | 3.69  | 4.36        | 0.67  | 7.05         | 8.05  | 10.92            | 10.24 |
| 2          | 13.47          | 9.43  | 15.44        | 16.11 | 11.41       | 6.71  | 16.78        | 17.11 | 23.89            | 22.53 |
| 1          | 31.65          | 30.98 | 31.54        | 39.60 | 28.52       | 37.92 | 38.26        | 37.58 | 38.91            | 41.64 |
|            | Visual Puzzles |       | Digit Span   |       | Arithmetic  |       | Coding       |       | Symbol Search    |       |
|            | A > P          | A < P | A > P        | A < P | A > P       | A < P | A > P        | A < P | A > P            | A < P |
| 8          | 0.34           | –     | –            | –     | –           | –     | –            | –     | –                | –     |
| 7          | 0.68           | –     | –            | –     | –           | –     | –            | –     | –                | 0.68  |
| 6          | 1.03           | 0.34  | –            | –     | –           | 0.34  | –            | –     | 0.34             | 1.03  |
| 5          | 1.71           | 0.68  | 0.34         | 0.34  | 0.68        | 1.02  | 1.02         | 0.34  | 1.03             | 2.74  |
| 4          | 6.16           | 4.79  | 2.69         | 3.37  | 2.71        | 3.05  | 1.70         | 1.70  | 2.40             | 4.11  |
| 3          | 11.99          | 11.64 | 6.06         | 8.08  | 6.44        | 6.10  | 5.78         | 5.78  | 7.53             | 7.53  |
| 2          | 21.58          | 22.26 | 17.17        | 18.86 | 19.32       | 15.25 | 13.61        | 13.61 | 20.21            | 15.75 |
| 1          | 37.67          | 41.44 | 37.04        | 35.35 | 35.25       | 40.00 | 34.35        | 36.05 | 38.70            | 40.41 |

Note: A>P indicates actual WAIS–IV is higher than Predicted WAIS–IV and A<P indicates Actual is less than Predicted.

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TABLE eA6.5 WAIS–IV Actual versus Predicted Index Discrepancy Base Rates:  
WAIS–III Predicted WAIS–IV

| Difference | FSIQ  |       | VCI   |       | PRI   |       | WMI   |       | PSI   |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|            | A > P | A < P | A > P | A < P | A > P | A < P | A > P | A < P | A > P | A < P |
| 32         | –     | –     | –     | –     | –     | –     | –     | –     | 0.35  | –     |
| 31         | –     | –     | –     | –     | –     | –     | –     | –     | 0.71  | –     |
| 30         | –     | –     | –     | –     | –     | –     | –     | –     | 0.71  | –     |
| 29         | –     | –     | –     | –     | –     | –     | –     | –     | 0.71  | –     |
| 28         | –     | –     | –     | –     | –     | –     | –     | –     | 0.71  | –     |
| 27         | –     | –     | –     | –     | –     | –     | –     | –     | 0.71  | –     |
| 26         | –     | –     | –     | –     | –     | –     | –     | –     | 0.71  | 0.35  |
| 25         | –     | –     | –     | –     | 0.35  | –     | –     | 0.35  | 0.71  | 0.71  |
| 24         | –     | –     | –     | –     | 1.06  | –     | –     | 0.71  | 0.71  | 1.06  |
| 23         | –     | –     | –     | –     | 1.06  | –     | –     | 0.71  | 0.71  | 1.06  |
| 22         | –     | –     | –     | –     | 1.06  | –     | –     | 0.71  | 1.06  | 1.06  |
| 21         | –     | –     | –     | –     | 1.06  | –     | 0.35  | 1.06  | 1.41  | 1.06  |
| 20         | –     | –     | –     | –     | 1.76  | 0.70  | 0.71  | 1.06  | 1.41  | 1.41  |
| 19         | –     | –     | –     | –     | 2.11  | 1.41  | 0.71  | 1.41  | 1.41  | 1.77  |
| 18         | –     | 0.71  | –     | –     | 2.11  | 2.46  | 0.71  | 1.77  | 1.77  | 1.77  |
| 17         | –     | 1.06  | 0.70  | –     | 3.17  | 2.82  | 1.06  | 2.12  | 2.12  | 2.47  |
| 16         | –     | 1.06  | 1.41  | 0.35  | 4.58  | 3.52  | 1.06  | 2.12  | 3.18  | 2.47  |
| 15         | 0.35  | 1.06  | 1.76  | 1.06  | 6.34  | 4.58  | 2.12  | 3.18  | 4.59  | 3.18  |
| 14         | 1.06  | 1.77  | 3.17  | 2.11  | 6.69  | 5.99  | 3.18  | 4.59  | 5.65  | 4.24  |
| 13         | 2.48  | 2.48  | 4.23  | 2.46  | 8.80  | 7.39  | 3.89  | 5.30  | 7.42  | 4.95  |
| 12         | 3.19  | 3.19  | 4.23  | 3.52  | 11.97 | 9.15  | 5.65  | 7.07  | 8.13  | 6.36  |
| 11         | 5.32  | 5.32  | 5.28  | 3.87  | 14.08 | 10.21 | 6.36  | 8.13  | 9.19  | 7.77  |
| 10         | 6.03  | 6.38  | 5.99  | 5.99  | 15.85 | 12.32 | 8.83  | 8.13  | 10.95 | 10.25 |
| 9          | 7.09  | 7.09  | 8.45  | 8.45  | 17.96 | 15.49 | 12.01 | 11.31 | 14.13 | 12.01 |
| 8          | 10.28 | 8.51  | 11.27 | 12.32 | 21.83 | 20.07 | 14.49 | 13.43 | 16.25 | 16.61 |
| 7          | 11.70 | 11.35 | 14.08 | 13.73 | 25.35 | 24.30 | 17.31 | 15.55 | 18.73 | 20.85 |
| 6          | 15.96 | 14.89 | 17.61 | 17.25 | 26.41 | 28.17 | 21.91 | 21.55 | 24.38 | 23.67 |
| 5          | 20.92 | 22.70 | 21.13 | 21.83 | 28.52 | 32.75 | 26.15 | 24.73 | 29.68 | 28.62 |
| 4          | 26.95 | 29.08 | 26.76 | 26.41 | 33.10 | 36.97 | 30.39 | 31.80 | 31.45 | 33.92 |

(Continued)

TABLE eA6.5 (Continued)

| Difference | FSIQ  |       | VCI   |       | PRI   |       | WMI   |       | PSI   |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|            | A > P | A < P | A > P | A < P | A > P | A < P | A > P | A < P | A > P | A < P |
| 3          | 32.27 | 34.40 | 31.34 | 31.69 | 36.62 | 40.85 | 35.34 | 34.63 | 34.63 | 39.22 |
| 2          | 39.72 | 38.65 | 39.79 | 40.49 | 40.14 | 44.37 | 41.70 | 38.52 | 40.64 | 42.76 |
| 1          | 47.87 | 45.04 | 45.77 | 47.18 | 43.31 | 51.06 | 48.76 | 42.76 | 45.23 | 48.41 |

Note: A > P indicates actual WAIS-IV is higher than Predicted WAIS-IV and A < P indicates Actual is less than Predicted.

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TABLE eA6.6 WAIS-IV Actual versus Predicted Subtest Discrepancy Base Rates: WAIS-III Predicted WAIS-IV

| Difference | Vocabulary |       | Similarities |       | Information |       | Block Design  |       | Matrix Reasoning |       |
|------------|------------|-------|--------------|-------|-------------|-------|---------------|-------|------------------|-------|
|            | A > P      | A < P | A > P        | A < P | A > P       | A < P | A > P         | A < P | A > P            | A < P |
| 7          | –          | –     | 0.35         | 0.35  | –           | –     | 0.35          | –     | 0.35             | –     |
| 6          | 0.35       | –     | 0.35         | 0.35  | –           | –     | 0.35          | –     | 0.35             | 0.70  |
| 5          | 0.35       | –     | 2.11         | 1.06  | –           | 0.35  | 1.06          | 0.70  | 1.76             | 2.11  |
| 4          | 1.41       | 1.06  | 5.28         | 2.82  | 0.70        | 1.41  | 3.52          | 3.17  | 4.23             | 5.99  |
| 3          | 3.52       | 3.17  | 8.45         | 10.21 | 3.52        | 3.87  | 10.56         | 8.80  | 11.27            | 11.62 |
| 2          | 14.44      | 15.49 | 21.13        | 23.24 | 14.44       | 11.62 | 22.18         | 21.13 | 26.06            | 22.89 |
| 1          | 35.21      | 35.56 | 40.85        | 40.14 | 34.15       | 32.39 | 39.08         | 39.08 | 39.08            | 41.20 |
|            | Digit Span |       | Arithmetic   |       | Coding      |       | Symbol Search |       |                  |       |
| 8          | –          | –     | –            | –     | 0.35        | –     | –             | –     | –                | –     |
| 7          | –          | –     | –            | –     | 0.35        | –     | 0.35          | 0.35  | –                | –     |
| 6          | –          | –     | –            | –     | 0.70        | –     | 0.71          | 1.41  | –                | –     |
| 5          | 0.70       | 1.41  | 0.35         | –     | 1.06        | 0.35  | 3.53          | 2.47  | –                | –     |
| 4          | 2.82       | 2.82  | 2.83         | 2.83  | 2.11        | 1.76  | 8.83          | 5.30  | –                | –     |
| 3          | 8.10       | 8.10  | 6.71         | 10.95 | 4.23        | 4.93  | 15.19         | 10.25 | –                | –     |
| 2          | 17.96      | 16.55 | 17.31        | 19.79 | 13.03       | 14.79 | 25.80         | 27.56 | –                | –     |
| 1          | 39.79      | 37.68 | 39.22        | 36.40 | 33.45       | 35.56 | 36.75         | 44.17 | –                | –     |

Note: A > P indicates actual WAIS-IV is higher than Predicted WAIS-IV and A < P indicates Actual is less than Predicted.

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TABLE eA6.7 WAIS-IV Actual versus Predicted Index Discrepancy Base Rates:  
WISC-IV Predicted WAIS-IV

| Difference | FSIQ  |       | VCI   |       | PRI   |       | WMI   |       | PSI   |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|            | A > P | A < P | A > P | A < P | A > P | A < P | A > P | A < P | A > P | A < P |
| 32         | -     | -     | -     | -     | -     | -     | -     | -     | -     | 0.66  |
| 31         | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1.99  |
| 30         | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1.99  |
| 29         | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1.99  |
| 28         | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1.99  |
| 27         | -     | -     | -     | -     | -     | -     | -     | -     | -     | 1.99  |
| 26         | -     | -     | -     | -     | -     | -     | -     | -     | 0.66  | 1.99  |
| 25         | -     | -     | -     | -     | -     | -     | -     | -     | 1.32  | 1.99  |
| 24         | -     | -     | -     | -     | 1.99  | -     | -     | -     | 1.32  | 1.99  |
| 23         | -     | -     | -     | -     | 2.65  | -     | -     | -     | 1.32  | 1.99  |
| 22         | -     | -     | -     | -     | 2.65  | -     | -     | -     | 1.32  | 1.99  |
| 21         | -     | -     | 0.65  | -     | 2.65  | 0.66  | 0.65  | 0.65  | 1.32  | 1.99  |
| 20         | -     | 0.71  | 3.25  | -     | 2.65  | 1.32  | 1.94  | 1.29  | 2.65  | 1.99  |
| 19         | -     | 2.84  | 3.25  | -     | 3.97  | 1.32  | 4.52  | 1.29  | 2.65  | 1.99  |
| 18         | -     | 2.84  | 3.25  | -     | 5.30  | 1.32  | 4.52  | 2.58  | 2.65  | 1.99  |
| 17         | 0.71  | 2.84  | 3.25  | 0.65  | 5.30  | 3.31  | 5.16  | 2.58  | 3.31  | 1.99  |
| 16         | 1.42  | 2.84  | 3.25  | 1.30  | 5.30  | 3.31  | 6.45  | 3.23  | 5.30  | 1.99  |
| 15         | 2.84  | 2.84  | 3.25  | 1.30  | 5.30  | 4.64  | 7.10  | 3.87  | 5.30  | 3.97  |
| 14         | 2.84  | 2.84  | 3.25  | 3.90  | 6.62  | 6.62  | 8.39  | 5.16  | 5.30  | 4.64  |
| 13         | 4.96  | 2.84  | 5.19  | 4.55  | 7.95  | 8.61  | 9.03  | 5.81  | 5.96  | 7.28  |
| 12         | 4.96  | 2.84  | 5.84  | 5.84  | 10.60 | 9.93  | 10.97 | 8.39  | 8.61  | 9.93  |
| 11         | 6.38  | 4.26  | 7.14  | 7.14  | 10.60 | 10.60 | 13.55 | 10.97 | 11.92 | 11.26 |
| 10         | 7.80  | 6.38  | 9.09  | 10.39 | 11.26 | 15.23 | 14.84 | 13.55 | 12.58 | 14.57 |
| 9          | 8.51  | 7.80  | 12.99 | 14.29 | 17.88 | 17.22 | 16.77 | 15.48 | 17.88 | 15.23 |
| 8          | 11.35 | 10.64 | 17.53 | 17.53 | 19.21 | 20.53 | 20.00 | 20.00 | 19.87 | 17.88 |
| 7          | 15.60 | 12.77 | 19.48 | 20.78 | 22.52 | 21.85 | 22.58 | 21.94 | 20.53 | 20.53 |
| 6          | 19.86 | 16.31 | 24.68 | 25.32 | 24.50 | 23.84 | 24.52 | 25.81 | 24.50 | 22.52 |
| 5          | 26.24 | 19.86 | 27.92 | 27.27 | 29.80 | 28.48 | 28.39 | 30.97 | 29.80 | 30.46 |

*(Continued)*

TABLE eA6.7 (Continued)

| Difference | FSIQ  |       | VCI   |       | PRI   |       | WMI   |       | PSI   |       |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|            | A > P | A < P | A > P | A < P | A > P | A < P | A > P | A < P | A > P | A < P |
| 4          | 29.08 | 26.95 | 31.82 | 32.47 | 35.10 | 37.09 | 31.61 | 33.55 | 33.11 | 33.77 |
| 3          | 38.30 | 33.33 | 37.66 | 35.71 | 39.74 | 41.72 | 36.77 | 42.58 | 35.76 | 37.09 |
| 2          | 45.39 | 40.43 | 44.81 | 43.51 | 42.38 | 45.70 | 39.35 | 45.81 | 39.74 | 41.06 |
| 1          | 49.60 | 45.39 | 48.70 | 48.05 | 45.70 | 48.34 | 43.23 | 50.97 | 45.03 | 46.36 |

Note: A>P indicates actual WAIS-IV is higher than Predicted WAIS-IV and A<P indicates Actual is less than Predicted.

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**TABLE eA6.8** WAIS–IV Actual versus Predicted Subtest Discrepancy Base Rates:  
WISC–IV Predicted WAIS–IV

| Difference | Vocabulary |       | Similarities |       | Information |       | Block Design  |       | Matrix Reasoning |       |
|------------|------------|-------|--------------|-------|-------------|-------|---------------|-------|------------------|-------|
|            | A>P        | A<P   | A>P          | A<P   | A>P         | A<P   | A>P           | A<P   | A>P              | A<P   |
| 7          | –          | –     | –            | –     | 0.64        | –     | –             | –     | 0.65             | 0.65  |
| 6          | –          | –     | –            | 1.29  | 0.64        | –     | 0.64          | –     | 1.95             | 1.30  |
| 5          | –          | –     | 1.94         | 1.94  | 0.64        | –     | 1.91          | 0.64  | 1.95             | 3.90  |
| 4          | 3.21       | 3.21  | 7.10         | 5.16  | 3.82        | 3.82  | 3.18          | 2.55  | 5.84             | 7.79  |
| 3          | 5.13       | 9.62  | 13.55        | 12.90 | 14.01       | 12.74 | 11.46         | 8.92  | 12.34            | 11.69 |
| 2          | 17.31      | 17.95 | 25.16        | 22.58 | 22.29       | 21.66 | 21.02         | 24.20 | 27.92            | 23.38 |
| 1          | 37.18      | 35.90 | 37.42        | 40.00 | 36.31       | 43.31 | 39.49         | 39.49 | 40.91            | 38.96 |
|            | Digit Span |       | Arithmetic   |       | Coding      |       | Symbol Search |       |                  |       |
| 10         | –          | –     | –            | –     | –           | 0.64  | –             | –     | –                | –     |
| 9          | –          | –     | –            | –     | –           | 1.27  | –             | –     | –                | –     |
| 8          | –          | –     | –            | –     | –           | 1.27  | –             | –     | –                | –     |
| 7          | –          | –     | –            | –     | –           | 1.27  | –             | –     | –                | –     |
| 6          | 0.65       | –     | –            | –     | –           | 1.27  | –             | –     | –                | –     |
| 5          | 1.94       | –     | 1.27         | 1.27  | 0.64        | 1.27  | 3.31          | –     | –                | –     |
| 4          | 4.52       | 0.65  | 2.55         | 5.73  | 2.55        | 1.27  | 6.62          | 5.96  | –                | –     |
| 3          | 7.74       | 5.16  | 10.19        | 12.10 | 7.64        | 7.01  | 16.56         | 11.92 | –                | –     |
| 2          | 18.06      | 17.42 | 24.20        | 24.20 | 18.47       | 18.47 | 24.50         | 23.84 | –                | –     |
| 1          | 33.55      | 40.00 | 38.85        | 42.68 | 38.22       | 39.49 | 39.74         | 43.71 | –                | –     |

Note: A>P indicates actual WAIS–IV is higher than Predicted WAIS–IV and A<P indicates Actual is less than Predicted.

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**TABLE eA6.9** Critical Values for Significant Difference Between Actual and Predicted WMS–IV Index Scores

|            | <b>Sig. Level</b> | <b>AMI</b> |            | <b>VMI</b> |            | <b>IMM</b> | <b>DEL</b> | <b>WM</b> |
|------------|-------------------|------------|------------|------------|------------|------------|------------|-----------|
| WMS–IV     | 0.05              | 10.77      | n/a        | 12.29      | n/a        | 8.37       | 9.07       | 9.79      |
| Retest     | 0.01              | 14.18      | n/a        | 16.61      | n/a        | 11.30      | 12.25      | 13.23     |
|            |                   | <b>AIM</b> | <b>ADM</b> | <b>VIM</b> | <b>VDM</b> | <b>IMM</b> | <b>DEL</b> | <b>WM</b> |
| WMS–IV vs. | 0.05              | 10.52      | 12.65      | 10.79      | 10.65      | 9.44       | 9.72       | 10.95     |
| WMS–II     | 0.01              | 13.85      | 17.09      | 14.57      | 14.38      | 12.75      | 13.13      | 14.79     |

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**TABLE eA6.10** Critical Values for Significant Difference Between Actual and Predicted WMS–IV Subtest Scores

| <b>Comparison</b> | <b>Sig.</b> | <b>LM I</b> | <b>LM II</b> | <b>VPA I</b> | <b>VPA II</b> | <b>VR I</b> | <b>VR II</b> | <b>DE I</b> | <b>DE II</b> | <b>SA</b> | <b>SY</b> |
|-------------------|-------------|-------------|--------------|--------------|---------------|-------------|--------------|-------------|--------------|-----------|-----------|
| WMS–IV            | 0.05        | 3.02        | 2.68         | 1.79         | 2.82          | 1.84        | 1.18         | 2.77        | 2.79         | 2.14      | 2.45      |
| Retest            | 0.01        | 4.08        | 3.63         | 2.41         | 3.80          | 2.49        | 1.59         | 3.74        | 3.77         | 2.89      | 3.31      |
| WMS–IV vs.        | 0.05        | 2.90        | 3.06         | 1.79         | 2.76          | 2.33        | 2.54         | –           | –            | –         | –         |
| WMS–III           | 0.01        | 3.92        | 4.13         | 2.42         | 3.73          | 3.15        | 3.43         | –           | –            | –         | –         |

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TABLE eA6.11 WMS–IV Actual versus Predicted Index Discrepancy Base Rates:  
WMS–IV Predicted WMS–IV

| Difference | Auditory |       | Visual |       | Immediate |       | Delayed |       | Visual Working Memory |       |
|------------|----------|-------|--------|-------|-----------|-------|---------|-------|-----------------------|-------|
|            | A>P      | A<P   | A>P    | A<P   | A>P       | A<P   | A>P     | A<P   | A>P                   | A<P   |
| 36         | –        | –     | –      | –     | –         | –     | –       | –     | –                     | 0.58  |
| 35         | –        | 0.42  | –      | –     | –         | –     | –       | –     | –                     | 1.17  |
| 34         | –        | 0.84  | –      | –     | –         | –     | –       | –     | –                     | 1.17  |
| 33         | –        | 0.84  | –      | –     | –         | –     | –       | –     | –                     | 1.17  |
| 32         | –        | 0.84  | –      | –     | –         | –     | –       | –     | 0.58                  | 1.17  |
| 31         | –        | 0.84  | –      | –     | –         | –     | –       | –     | 1.17                  | 1.17  |
| 30         | –        | 0.84  | –      | –     | –         | –     | 0.45    | –     | 1.17                  | 1.17  |
| 29         | –        | 0.84  | –      | –     | –         | –     | 0.90    | –     | 1.17                  | 1.17  |
| 28         | –        | 0.84  | –      | –     | –         | –     | 0.90    | –     | 1.75                  | 1.17  |
| 27         | –        | 0.84  | –      | 0.47  | –         | –     | 0.90    | –     | 1.75                  | 1.17  |
| 26         | –        | 0.84  | –      | 0.93  | –         | –     | 0.90    | –     | 1.75                  | 1.17  |
| 25         | 0.42     | 0.84  | –      | 0.93  | –         | –     | 0.90    | –     | 1.75                  | 1.17  |
| 24         | 0.84     | 0.84  | –      | 0.93  | –         | –     | 1.81    | –     | 1.75                  | 1.17  |
| 23         | 0.84     | 0.84  | 0.47   | 0.93  | –         | 0.45  | 1.81    | –     | 1.75                  | 1.17  |
| 22         | 0.84     | 0.84  | 0.93   | 0.93  | –         | 0.90  | 1.81    | –     | 1.75                  | 1.17  |
| 21         | 1.27     | 0.84  | 2.80   | 0.93  | –         | 0.90  | 1.81    | –     | 4.09                  | 1.17  |
| 20         | 1.27     | 0.84  | 2.80   | 1.87  | 0.45      | 1.35  | 2.26    | –     | 4.09                  | 1.75  |
| 19         | 1.69     | 0.84  | 4.21   | 2.34  | 0.90      | 1.35  | 2.71    | 1.36  | 4.09                  | 1.75  |
| 18         | 2.11     | 2.11  | 4.21   | 3.74  | 0.90      | 2.24  | 2.71    | 1.81  | 4.09                  | 2.34  |
| 17         | 2.53     | 2.11  | 4.67   | 4.67  | 1.79      | 3.14  | 3.62    | 1.81  | 4.09                  | 2.92  |
| 16         | 2.53     | 2.11  | 5.14   | 5.61  | 2.69      | 3.14  | 4.52    | 1.81  | 4.09                  | 3.51  |
| 15         | 4.22     | 2.11  | 6.07   | 7.94  | 3.14      | 3.59  | 4.52    | 2.71  | 4.09                  | 4.68  |
| 14         | 7.59     | 2.11  | 7.48   | 7.94  | 3.59      | 4.48  | 5.43    | 4.52  | 4.09                  | 5.26  |
| 13         | 8.44     | 3.38  | 10.28  | 11.21 | 5.38      | 5.38  | 7.24    | 6.33  | 5.85                  | 7.02  |
| 12         | 9.28     | 6.75  | 11.21  | 12.62 | 7.17      | 8.52  | 8.60    | 7.69  | 7.02                  | 7.60  |
| 11         | 11.81    | 8.44  | 13.08  | 14.02 | 10.31     | 8.97  | 10.86   | 9.50  | 9.36                  | 9.36  |
| 10         | 14.77    | 10.13 | 15.42  | 16.82 | 14.35     | 10.76 | 14.48   | 13.12 | 11.70                 | 10.53 |

(Continued)

TABLE eA6.11 (Continued)

| Difference | Auditory |       | Visual |       | Immediate |       | Delayed |       | Visual Working Memory |       |
|------------|----------|-------|--------|-------|-----------|-------|---------|-------|-----------------------|-------|
|            | A > P    | A < P | A > P  | A < P | A > P     | A < P | A > P   | A < P | A > P                 | A < P |
| 9          | 15.61    | 14.35 | 17.29  | 20.09 | 17.49     | 15.25 | 15.84   | 16.74 | 13.45                 | 16.37 |
| 8          | 18.14    | 16.88 | 20.09  | 24.30 | 21.52     | 17.94 | 19.91   | 20.36 | 14.04                 | 18.71 |
| 7          | 20.68    | 21.52 | 23.36  | 27.57 | 25.11     | 21.52 | 23.08   | 22.62 | 16.96                 | 22.22 |
| 6          | 23.21    | 26.16 | 27.57  | 30.37 | 27.35     | 27.35 | 25.79   | 26.70 | 19.88                 | 26.32 |
| 5          | 27.43    | 28.69 | 30.37  | 34.11 | 30.49     | 32.29 | 27.15   | 29.41 | 21.64                 | 28.65 |
| 4          | 29.96    | 32.49 | 37.38  | 37.85 | 34.08     | 37.67 | 31.22   | 34.39 | 30.41                 | 34.50 |
| 3          | 34.18    | 40.08 | 40.19  | 40.65 | 39.46     | 41.70 | 36.20   | 41.18 | 32.75                 | 39.18 |
| 2          | 38.82    | 45.99 | 43.93  | 44.86 | 43.05     | 45.29 | 41.63   | 45.70 | 35.67                 | 43.86 |
| 1          | 43.88    | 50.63 | 50.47  | 48.13 | 47.09     | 48.88 | 47.51   | 49.32 | 42.11                 | 49.12 |

Note: A > P indicates actual WMS-IV is higher than Predicted WMS-IV and A < P indicates Actual is less than Predicted.

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TABLE A6.12 WMS–IV Actual versus Predicted Discrepancy Subtest Base Rates: Time 2 Predicted from Time 1

| Difference | Logical Memory I       |       | Logical Memory II |       | Verbal Paired Associates I |       | Verbal Paired Associates II |       | Visual Reproduction I |       |
|------------|------------------------|-------|-------------------|-------|----------------------------|-------|-----------------------------|-------|-----------------------|-------|
|            | A > P                  | A < P | A > P             | A < P | A > P                      | A < P | A > P                       | A < P | A > P                 | A < P |
| 8          | –                      | 0.41  | –                 | –     | –                          | –     | –                           | –     | –                     | –     |
| 7          | –                      | 0.83  | –                 | –     | 0.41                       | –     | –                           | –     | –                     | 0.41  |
| 6          | –                      | 0.83  | –                 | 0.82  | 0.41                       | –     | –                           | –     | –                     | 0.83  |
| 5          | 1.24                   | 0.83  | 0.82              | 2.47  | 1.65                       | 0.41  | 1.24                        | 0.41  | 1.66                  | 2.49  |
| 4          | 3.31                   | 3.72  | 4.53              | 4.12  | 5.79                       | 2.48  | 2.49                        | 1.24  | 4.56                  | 5.39  |
| 3          | 9.92                   | 6.61  | 10.29             | 9.05  | 11.57                      | 10.33 | 8.30                        | 7.88  | 8.71                  | 10.79 |
| 2          | 21.07                  | 19.01 | 23.87             | 23.87 | 23.97                      | 23.55 | 17.84                       | 17.01 | 23.24                 | 22.82 |
| 1          | 39.67                  | 37.19 | 41.56             | 38.27 | 37.19                      | 44.21 | 34.02                       | 39.83 | 43.15                 | 41.49 |
|            | Visual Reproduction II |       | Designs I         |       | Designs II                 |       | Spatial Addition            |       | Symbol Span           |       |
|            | A > P                  | A < P | A > P             | A < P | A > P                      | A < P | A > P                       | A < P | A > P                 | A < P |
| 8          | –                      | –     | –                 | 0.64  | –                          | –     | –                           | –     | –                     | –     |
| 7          | 0.42                   | –     | –                 | 1.27  | –                          | –     | –                           | –     | –                     | –     |
| 6          | 1.25                   | 0.42  | –                 | 1.27  | –                          | –     | 0.58                        | –     | 0.83                  | 0.83  |
| 5          | 2.92                   | 1.67  | 0.64              | 3.82  | 1.32                       | 1.99  | 1.74                        | 2.91  | 2.07                  | 1.24  |
| 4          | 8.75                   | 4.58  | 8.28              | 5.10  | 3.31                       | 4.64  | 4.07                        | 6.40  | 4.56                  | 3.73  |
| 3          | 15.42                  | 13.33 | 14.01             | 10.19 | 8.61                       | 12.58 | 8.14                        | 11.63 | 13.69                 | 10.79 |
| 2          | 27.50                  | 28.33 | 26.11             | 24.20 | 27.81                      | 20.53 | 19.77                       | 21.51 | 23.65                 | 25.73 |
| 1          | 39.58                  | 43.33 | 38.85             | 43.95 | 39.74                      | 43.05 | 39.53                       | 37.79 | 38.59                 | 43.57 |

Note: A > P indicates actual WMS–IV is higher than Predicted WMS–IV and A < P indicates Actual is less than Predicted.

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TABLE eA6.13 WMS-IV Actual versus Predicted Index Discrepancy Base Rates:  
WMS-III Predicted WMS-IV

| Difference | Auditory Immediate |       | Auditory Delayed |       | Visual Immediate |       | Visual Delayed |       | Immediate |       |
|------------|--------------------|-------|------------------|-------|------------------|-------|----------------|-------|-----------|-------|
|            | A > P              | A < P | A > P            | A < P | A > P            | A < P | A > P          | A < P | A > P     | A < P |
| 35         | —                  | —     | —                | —     | —                | —     | 0.47           | —     | —         | —     |
| 34         | —                  | —     | —                | —     | —                | —     | 0.94           | —     | —         | —     |
| 33         | —                  | —     | —                | —     | —                | 0.47  | 0.94           | —     | —         | —     |
| 32         | —                  | —     | —                | —     | 0.47             | 0.94  | 1.42           | —     | —         | —     |
| 31         | —                  | —     | —                | —     | 0.94             | 0.94  | 1.89           | 0.94  | —         | —     |
| 30         | —                  | —     | —                | —     | 0.94             | 1.89  | 1.89           | 1.42  | —         | —     |
| 29         | —                  | 0.45  | —                | —     | 0.94             | 2.36  | 1.89           | 1.42  | —         | —     |
| 28         | —                  | 0.89  | —                | —     | 1.42             | 2.36  | 1.89           | 1.89  | 0.47      | —     |
| 27         | —                  | 0.89  | —                | —     | 1.42             | 2.36  | 1.89           | 2.36  | 0.93      | 0.47  |
| 26         | —                  | 0.89  | —                | —     | 1.89             | 3.30  | 1.89           | 2.83  | 0.93      | 0.93  |
| 25         | —                  | 0.89  | —                | —     | 1.89             | 3.30  | 2.83           | 3.30  | 0.93      | 1.40  |
| 24         | —                  | 0.89  | —                | —     | 3.30             | 3.30  | 2.83           | 3.77  | 0.93      | 1.40  |
| 23         | 0.45               | 0.89  | —                | —     | 3.30             | 3.30  | 3.30           | 4.25  | 0.93      | 1.40  |
| 22         | 0.89               | 0.89  | —                | —     | 3.30             | 3.30  | 4.25           | 5.19  | 0.93      | 1.40  |
| 21         | 1.34               | 0.89  | 0.46             | 0.46  | 5.19             | 3.77  | 4.72           | 5.66  | 0.93      | 2.33  |
| 20         | 2.68               | 1.34  | 1.37             | 1.37  | 5.19             | 5.19  | 6.13           | 6.13  | 2.33      | 2.79  |
| 19         | 3.57               | 1.34  | 1.83             | 2.28  | 5.19             | 5.66  | 7.08           | 7.55  | 2.33      | 2.79  |
| 18         | 4.02               | 1.34  | 3.65             | 2.28  | 5.66             | 5.66  | 7.55           | 8.96  | 2.79      | 3.72  |
| 17         | 4.46               | 1.79  | 5.48             | 2.28  | 6.13             | 6.60  | 8.96           | 10.38 | 3.26      | 4.65  |
| 16         | 7.59               | 1.79  | 7.31             | 2.74  | 8.49             | 9.43  | 10.85          | 11.32 | 4.65      | 5.58  |
| 15         | 7.59               | 3.57  | 9.13             | 4.11  | 9.43             | 12.26 | 13.21          | 11.79 | 6.05      | 6.98  |
| 14         | 8.93               | 4.02  | 10.96            | 5.48  | 11.32            | 14.15 | 15.09          | 15.09 | 7.44      | 7.44  |
| 13         | 10.27              | 5.36  | 12.33            | 6.85  | 14.62            | 15.09 | 17.45          | 16.98 | 9.30      | 9.30  |
| 12         | 11.61              | 7.14  | 13.70            | 9.59  | 16.98            | 16.51 | 20.75          | 17.92 | 12.09     | 12.09 |
| 11         | 13.84              | 8.93  | 15.07            | 10.96 | 20.28            | 18.87 | 22.17          | 19.81 | 14.42     | 13.49 |
| 10         | 16.07              | 12.95 | 16.89            | 13.70 | 22.17            | 21.23 | 23.58          | 25.00 | 17.21     | 15.81 |
| 9          | 18.30              | 16.96 | 18.72            | 18.72 | 25.94            | 25.00 | 25.47          | 25.00 | 20.00     | 18.60 |

(Continued)

TABLE eA6.13 (Continued)

| Difference | Auditory<br>Immediate |       | Auditory<br>Delayed |       | Visual<br>Immediate |       | Visual<br>Delayed |       | Immediate |       |
|------------|-----------------------|-------|---------------------|-------|---------------------|-------|-------------------|-------|-----------|-------|
|            | A>P                   | A<P   | A>P                 | A<P   | A>P                 | A<P   | A>P               | A<P   | A>P       | A<P   |
| 8          | 21.43                 | 21.43 | 22.37               | 23.74 | 27.83               | 28.30 | 28.77             | 27.36 | 23.26     | 22.79 |
| 7          | 24.11                 | 24.11 | 25.11               | 25.57 | 30.66               | 30.19 | 32.55             | 30.19 | 27.44     | 24.19 |
| 6          | 27.68                 | 29.02 | 26.48               | 30.59 | 35.38               | 31.13 | 33.49             | 33.96 | 33.02     | 27.44 |
| 5          | 29.02                 | 34.82 | 28.77               | 33.79 | 39.15               | 33.96 | 37.26             | 36.79 | 38.14     | 32.09 |
| 4          | 35.71                 | 41.07 | 31.05               | 37.90 | 40.57               | 36.79 | 39.15             | 38.68 | 43.26     | 34.88 |
| 3          | 38.84                 | 43.30 | 36.07               | 43.84 | 42.92               | 40.57 | 41.51             | 42.92 | 47.44     | 38.14 |
| 2          | 41.52                 | 48.21 | 41.10               | 46.12 | 43.87               | 44.81 | 45.28             | 45.28 | 52.56     | 40.00 |
| 1          | 45.09                 | 51.79 | 45.21               | 50.23 | 47.17               | 48.11 | 49.06             | 48.11 | 2.33      | 44.65 |

Note: A>P indicates actual WMS-IV is higher than Predicted WMS-IV and A<P indicates Actual is less than Predicted.

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**TABLE eA6.14** WMS–IV Actual versus Predicted Index Discrepancy Base Rates:  
WMS–III Predicted WMS–IV

| Difference | Delayed |       | Visual Working Memory |       |
|------------|---------|-------|-----------------------|-------|
|            | A > P   | A < P | A > P                 | A < P |
| 37         | –       | 0.48  | –                     | –     |
| 36         | –       | 0.96  | –                     | –     |
| 35         | –       | 0.96  | –                     | –     |
| 34         | 0.48    | 0.96  | –                     | –     |
| 33         | 0.96    | 0.96  | 0.45                  | –     |
| 32         | 0.96    | 0.96  | 0.91                  | –     |
| 31         | 0.96    | 0.96  | 0.91                  | –     |
| 30         | 0.96    | 0.96  | 0.91                  | –     |
| 29         | 1.44    | 0.96  | 0.91                  | –     |
| 28         | 1.44    | 0.96  | 1.36                  | –     |
| 27         | 1.44    | 0.96  | 1.36                  | 0.45  |
| 26         | 1.44    | 0.96  | 1.36                  | 1.82  |
| 25         | 1.44    | 0.96  | 1.82                  | 1.82  |
| 24         | 2.39    | 0.96  | 1.82                  | 1.82  |
| 23         | 2.87    | 0.96  | 2.27                  | 2.27  |
| 22         | 2.87    | 2.39  | 2.27                  | 2.73  |
| 21         | 5.26    | 2.39  | 3.18                  | 2.73  |
| 20         | 5.74    | 2.87  | 3.64                  | 2.73  |
| 19         | 5.74    | 2.87  | 4.55                  | 2.73  |
| 18         | 5.74    | 2.87  | 4.55                  | 3.64  |
| 17         | 5.74    | 4.31  | 6.36                  | 4.09  |
| 16         | 7.66    | 5.74  | 7.73                  | 5.91  |
| 15         | 9.09    | 8.13  | 10.00                 | 6.36  |
| 14         | 10.05   | 10.05 | 10.45                 | 7.73  |
| 13         | 10.53   | 13.40 | 13.18                 | 10.45 |
| 12         | 12.44   | 15.79 | 17.27                 | 14.09 |
| 11         | 14.83   | 17.22 | 19.09                 | 16.36 |

(Continued)



TABLE eA6.14 (Continued)

| Difference | Delayed |       | Visual Working Memory |       |
|------------|---------|-------|-----------------------|-------|
|            | A > P   | A < P | A > P                 | A < P |
| 10         | 17.22   | 18.18 | 20.91                 | 18.64 |
| 9          | 18.66   | 20.57 | 25.00                 | 21.82 |
| 8          | 21.05   | 22.97 | 26.82                 | 25.45 |
| 7          | 25.36   | 24.88 | 31.36                 | 29.55 |
| 6          | 28.71   | 27.75 | 32.27                 | 32.27 |
| 5          | 31.10   | 31.58 | 36.82                 | 35.91 |
| 4          | 33.97   | 38.76 | 40.45                 | 38.64 |
| 3          | 37.80   | 41.15 | 42.73                 | 42.73 |
| 2          | 43.54   | 44.02 | 48.18                 | 45.91 |
| 1          | 46.41   | 47.85 | 49.55                 | 48.64 |

Note: A>P indicates actual WMS-IV is higher than Predicted WMS-IV and A<P indicates Actual is less than Predicted.

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**TABLE eA6.15** WMS–IV Actual versus Predicted Subtest Discrepancy Base Rates:  
WMS–III Predicted WMS–IV

| Difference | Logical Memory I            |       | Logical Memory II     |       | Verbal Paired Associates I |       |
|------------|-----------------------------|-------|-----------------------|-------|----------------------------|-------|
|            | A > P                       | A < P | A > P                 | A < P | A > P                      | A < P |
| 7          | –                           | 0.45  | –                     | 0.45  | 0.45                       | –     |
| 6          | –                           | 1.34  | –                     | 0.90  | 0.89                       | 0.45  |
| 5          | –                           | 1.34  | 0.90                  | 1.79  | 0.89                       | 0.89  |
| 4          | 1.79                        | 4.91  | 3.14                  | 3.59  | 4.02                       | 5.36  |
| 3          | 10.27                       | 11.16 | 9.87                  | 10.31 | 11.16                      | 14.29 |
| 2          | 27.23                       | 21.88 | 21.52                 | 19.73 | 18.30                      | 31.70 |
| 1          | 41.07                       | 39.73 | 37.67                 | 39.46 | 32.59                      | 47.77 |
|            | Verbal Paired Associates II |       | Visual Reproduction I |       | Visual Reproduction II     |       |
|            | A > P                       | A < P | A > P                 | A < P | A > P                      | A < P |
| 8          | –                           | –     | –                     | –     | –                          | 0.46  |
| 7          | –                           | –     | 0.46                  | 1.38  | –                          | 0.91  |
| 6          | –                           | –     | 1.38                  | 1.84  | 0.91                       | 2.74  |
| 5          | 1.82                        | 1.82  | 2.30                  | 2.76  | 3.65                       | 3.65  |
| 4          | 4.09                        | 5.91  | 5.07                  | 3.69  | 8.68                       | 8.22  |
| 3          | 11.36                       | 16.36 | 13.36                 | 9.68  | 15.53                      | 14.16 |
| 2          | 23.18                       | 24.09 | 22.12                 | 23.96 | 27.85                      | 25.57 |
| 1          | 40.91                       | 43.64 | 41.01                 | 39.17 | 40.18                      | 43.84 |

Note: A>P indicates actual WMS–IV is higher than Predicted WMS–IV and A<P indicates Actual is less than Predicted.

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