

APPENDIX B: THE 2005 MSA-READING CLASSICAL AND *IRT* ITEM PARAMETERS

Table B.1 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 3 Form A

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 2 | SR | 0.93 | 0.15 | -2.3300 | 0.03 | 1.36 | 2.10 |
| 5 | SR | 0.89 | 0.41 | -1.1000 | 0.02 | 0.78 | 0.61 |
| 6 | SR | 0.68 | 0.46 | 0.1500 | 0.02 | 1.00 | 0.93 |
| 9 | SR | 0.85 | 0.37 | -0.9300 | 0.02 | 0.94 | 0.86 |
| 11 | SR | 0.64 | 0.46 | 0.3556 | 0.02 | 1.00 | 0.98 |
| 15 | SR | 0.86 | 0.27 | -1.0800 | 0.02 | 1.08 | 1.45 |
| 18 | SR | 0.70 | 0.43 | -0.0037 | 0.02 | 1.03 | 1.00 |
| 20 | SR | 0.39 | 0.42 | 1.6871 | 0.02 | 1.04 | 1.05 |
| 23 | SR | 0.67 | 0.44 | -0.0800 | 0.02 | 1.11 | 1.11 |
| 30 | SR | 0.49 | 0.45 | 1.0000 | 0.02 | 1.02 | 1.04 |
| 31 | SR | 0.71 | 0.37 | -0.1100 | 0.02 | 1.10 | 1.11 |
| 32 | SR | 0.70 | 0.50 | 0.2400 | 0.02 | 0.90 | 0.81 |
| 34 | SR | 0.77 | 0.51 | -0.1500 | 0.02 | 0.81 | 0.69 |
| 41 | SR | 0.76 | 0.55 | -0.0300 | 0.02 | 0.80 | 0.69 |
| 44 | SR | 0.91 | 0.41 | -1.8000 | 0.03 | 0.90 | 0.68 |
| 49 | SR | 0.65 | 0.38 | 0.0000 | 0.02 | 1.20 | 1.32 |
| 55 | SR | 0.68 | 0.53 | 0.0300 | 0.02 | 0.95 | 0.87 |
| 56 | SR | 0.48 | 0.32 | 0.9300 | 0.02 | 1.18 | 1.26 |
| 57 | SR | 0.81 | 0.31 | -0.7411 | 0.02 | 1.09 | 1.33 |
| 58 | SR | 0.90 | 0.47 | -1.4300 | 0.03 | 0.67 | 0.41 |
| 59 | SR | 0.84 | 0.53 | -0.9100 | 0.02 | 0.83 | 0.64 |
| 61 | SR | 0.56 | 0.47 | 0.6500 | 0.02 | 1.01 | 1.03 |
| 68 | SR | 0.76 | 0.54 | -0.4473 | 0.02 | 0.88 | 0.76 |
| 69 | SR | 0.80 | 0.45 | -0.4000 | 0.02 | 0.85 | 0.80 |
| 70 | SR | 0.63 | 0.48 | 0.5900 | 0.02 | 0.95 | 0.93 |
| 71 | SR | 0.80 | 0.41 | -0.6057 | 0.02 | 1.01 | 0.98 |
| 72 | SR | 0.63 | 0.44 | 0.4178 | 0.02 | 1.03 | 1.04 |
| 73 | BCR | 0.31 | 0.48 | 2.6754 | 0.01 | 1.12 | 1.12 |
| 74 | SR | 0.68 | 0.52 | 0.1432 | 0.02 | 0.93 | 0.87 |
| 75 | BCR | 0.36 | 0.55 | 2.5523 | 0.02 | 0.96 | 0.96 |
| 76 | SR | 0.73 | 0.46 | -0.2007 | 0.02 | 0.99 | 0.95 |
| 77 | SR | 0.58 | 0.47 | 0.6920 | 0.02 | 0.99 | 0.98 |
| 78 | SR | 0.79 | 0.45 | -0.5883 | 0.02 | 0.96 | 0.92 |
| 79 | BCR | 0.41 | 0.50 | 1.6363 | 0.01 | 1.09 | 1.10 |
| 80 | SR | 0.60 | 0.44 | 0.5915 | 0.02 | 1.03 | 1.05 |
| 81 | BCR | 0.62 | 0.69 | 0.5379 | 0.01 | 0.92 | 0.91 |
| 82 | SR | 0.35 | 0.43 | 1.8905 | 0.02 | 0.99 | 1.06 |

Table B.2 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 3 Form B

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 2 | SR | 0.94 | 0.15 | -2.3300 | 0.03 | 1.31 | 2.02 |
| 5 | SR | 0.89 | 0.42 | -1.1000 | 0.02 | 0.76 | 0.56 |
| 6 | SR | 0.68 | 0.47 | 0.1500 | 0.02 | 0.97 | 0.90 |
| 9 | SR | 0.86 | 0.37 | -0.9300 | 0.02 | 0.90 | 0.82 |
| 11 | SR | 0.65 | 0.46 | 0.3252 | 0.02 | 0.98 | 0.97 |
| 15 | SR | 0.86 | 0.28 | -1.0800 | 0.02 | 1.07 | 1.30 |
| 18 | SR | 0.71 | 0.44 | -0.0613 | 0.02 | 0.99 | 0.96 |
| 20 | SR | 0.40 | 0.42 | 1.5755 | 0.02 | 1.02 | 1.03 |
| 23 | SR | 0.66 | 0.43 | -0.0800 | 0.02 | 1.13 | 1.15 |
| 30 | SR | 0.48 | 0.46 | 1.0000 | 0.02 | 0.99 | 1.00 |
| 31 | SR | 0.72 | 0.36 | -0.1100 | 0.02 | 1.07 | 1.09 |
| 32 | SR | 0.70 | 0.49 | 0.2400 | 0.02 | 0.89 | 0.80 |
| 34 | SR | 0.77 | 0.51 | -0.1500 | 0.02 | 0.80 | 0.69 |
| 41 | SR | 0.76 | 0.55 | -0.0300 | 0.02 | 0.79 | 0.68 |
| 44 | SR | 0.92 | 0.41 | -1.8000 | 0.03 | 0.89 | 0.67 |
| 49 | SR | 0.66 | 0.38 | 0.0000 | 0.02 | 1.17 | 1.26 |
| 55 | SR | 0.68 | 0.52 | 0.0300 | 0.02 | 0.94 | 0.86 |
| 56 | SR | 0.49 | 0.32 | 0.9300 | 0.02 | 1.15 | 1.21 |
| 57 | SR | 0.81 | 0.31 | -0.6946 | 0.02 | 1.08 | 1.25 |
| 58 | SR | 0.90 | 0.49 | -1.4300 | 0.02 | 0.68 | 0.41 |
| 59 | SR | 0.84 | 0.54 | -0.9100 | 0.02 | 0.83 | 0.62 |
| 61 | SR | 0.57 | 0.46 | 0.6500 | 0.02 | 1.01 | 1.02 |
| 68 | SR | 0.77 | 0.53 | -0.4366 | 0.02 | 0.88 | 0.76 |
| 69 | SR | 0.80 | 0.45 | -0.4000 | 0.02 | 0.84 | 0.76 |
| 70 | SR | 0.64 | 0.48 | 0.5900 | 0.02 | 0.94 | 0.91 |
| 71 | SR | 0.80 | 0.49 | -0.5402 | 0.02 | 0.91 | 0.82 |
| 72 | SR | 0.79 | 0.35 | -0.4450 | 0.02 | 1.05 | 1.11 |
| 73 | BCR | 0.78 | 0.44 | 1.4353 | 0.01 | 1.38 | 1.50 |
| 74 | SR | 0.49 | 0.36 | -0.4370 | 0.02 | 1.05 | 1.05 |
| 75 | BCR | 0.77 | 0.63 | 0.4477 | 0.01 | 0.91 | 0.91 |
| 76 | SR | 0.55 | 0.45 | 1.1262 | 0.02 | 0.98 | 1.00 |
| 77 | SR | 0.49 | 0.43 | 1.5993 | 0.02 | 1.01 | 1.03 |
| 78 | SR | 0.40 | 0.39 | 0.4975 | 0.02 | 1.07 | 1.12 |
| 79 | BCR | 0.61 | 0.43 | 1.1573 | 0.01 | 1.13 | 1.13 |
| 80 | SR | 0.50 | 0.55 | -0.3308 | 0.02 | 0.87 | 0.72 |
| 81 | BCR | 0.76 | 0.57 | 1.0931 | 0.01 | 0.93 | 0.92 |
| 82 | SR | 0.54 | 0.38 | 1.0770 | 0.02 | 1.09 | 1.13 |

Table B.7 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 4 Form A

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 1 | SR | 0.99 | 0.18 | -4.2524 | 0.09 | 1.00 | 0.80 |
| 4 | SR | 0.93 | 0.31 | -1.7739 | 0.03 | 0.95 | 0.98 |
| 9 | SR | 0.80 | 0.39 | -0.3706 | 0.02 | 1.02 | 1.04 |
| 10 | SR | 0.89 | 0.29 | -1.2892 | 0.03 | 1.09 | 1.16 |
| 18 | SR | 0.76 | 0.37 | -0.1502 | 0.02 | 1.06 | 1.09 |
| 23 | SR | 0.83 | 0.51 | -0.6252 | 0.02 | 0.88 | 0.71 |
| 24 | SR | 0.77 | 0.51 | -0.2092 | 0.02 | 0.92 | 0.82 |
| 29 | SR | 0.91 | 0.32 | -1.4440 | 0.03 | 0.94 | 1.00 |
| 35 | SR | 0.83 | 0.37 | -0.6775 | 0.02 | 1.02 | 1.06 |
| 38 | SR | 0.70 | 0.47 | 0.2123 | 0.02 | 0.96 | 0.94 |
| 41 | SR | 0.79 | 0.41 | -0.3429 | 0.02 | 0.99 | 1.08 |
| 42 | SR | 0.76 | 0.38 | -0.1043 | 0.02 | 1.06 | 1.15 |
| 43 | SR | 0.84 | 0.49 | -0.7393 | 0.02 | 0.88 | 0.71 |
| 44 | SR | 0.81 | 0.50 | -0.3247 | 0.02 | 0.83 | 0.73 |
| 45 | SR | 0.43 | 0.30 | 1.5832 | 0.02 | 1.16 | 1.27 |
| 46 | SR | 0.94 | 0.37 | -1.9501 | 0.03 | 0.89 | 0.65 |
| 47 | SR | 0.81 | 0.40 | -0.4109 | 0.02 | 0.99 | 0.95 |
| 50 | SR | 0.81 | 0.53 | -0.5286 | 0.02 | 0.87 | 0.75 |
| 51 | SR | 0.94 | 0.33 | -1.8443 | 0.03 | 0.89 | 0.90 |
| 52 | SR | 0.61 | 0.39 | 0.8212 | 0.02 | 1.06 | 1.12 |
| 53 | SR | 0.51 | 0.36 | 1.3188 | 0.02 | 1.09 | 1.17 |
| 54 | SR | 0.38 | 0.33 | 2.0024 | 0.02 | 1.10 | 1.29 |
| 55 | SR | 0.91 | 0.44 | -1.4991 | 0.03 | 0.90 | 0.70 |
| 62 | SR | 0.76 | 0.48 | -0.1689 | 0.02 | 0.96 | 0.94 |
| 64 | SR | 0.62 | 0.47 | 0.7087 | 0.02 | 0.98 | 0.97 |
| 71 | SR | 0.74 | 0.50 | -0.0040 | 0.02 | 0.92 | 0.85 |
| 72 | SR | 0.82 | 0.50 | -0.5570 | 0.02 | 0.89 | 0.75 |
| 73 | BCR | 0.42 | 0.58 | 2.1649 | 0.01 | 0.95 | 0.94 |
| 74 | SR | 0.71 | 0.45 | 0.1359 | 0.02 | 1.00 | 0.97 |
| 75 | BCR | 0.45 | 0.50 | 1.8968 | 0.01 | 1.07 | 1.07 |
| 76 | SR | 0.74 | 0.46 | -0.0099 | 0.02 | 0.96 | 0.91 |
| 77 | SR | 0.82 | 0.28 | -0.5610 | 0.02 | 1.14 | 1.38 |
| 78 | SR | 0.72 | 0.46 | 0.1568 | 0.02 | 0.98 | 0.94 |
| 79 | BCR | 0.44 | 0.50 | 1.8946 | 0.01 | 1.11 | 1.11 |
| 80 | SR | 0.83 | 0.34 | -0.7305 | 0.02 | 1.02 | 1.20 |
| 81 | BCR | 0.37 | 0.56 | 2.2476 | 0.01 | 1.04 | 1.05 |
| 82 | SR | 0.63 | 0.48 | 0.6283 | 0.02 | 0.96 | 0.93 |

Table B.8 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 4 Form B

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 1 | SR | 0.99 | 0.19 | -4.2029 | 0.10 | 0.99 | 0.58 |
| 4 | SR | 0.94 | 0.31 | -1.7739 | 0.04 | 0.96 | 0.93 |
| 9 | SR | 0.81 | 0.40 | -0.3722 | 0.02 | 0.99 | 0.94 |
| 10 | SR | 0.90 | 0.31 | -1.2892 | 0.03 | 1.10 | 1.15 |
| 18 | SR | 0.78 | 0.38 | -0.1619 | 0.02 | 1.05 | 1.24 |
| 23 | SR | 0.85 | 0.52 | -0.6252 | 0.02 | 0.83 | 0.63 |
| 24 | SR | 0.79 | 0.50 | -0.2092 | 0.02 | 0.90 | 0.78 |
| 29 | SR | 0.92 | 0.33 | -1.4440 | 0.03 | 0.99 | 1.06 |
| 35 | SR | 0.85 | 0.39 | -0.6775 | 0.03 | 0.99 | 0.97 |
| 38 | SR | 0.71 | 0.47 | 0.2123 | 0.02 | 0.98 | 0.97 |
| 41 | SR | 0.80 | 0.41 | -0.3429 | 0.02 | 1.01 | 1.15 |
| 42 | SR | 0.78 | 0.38 | -0.1181 | 0.02 | 1.03 | 1.10 |
| 43 | SR | 0.86 | 0.48 | -0.7393 | 0.03 | 0.85 | 0.69 |
| 44 | SR | 0.82 | 0.50 | -0.3247 | 0.02 | 0.83 | 0.72 |
| 45 | SR | 0.45 | 0.31 | 1.5832 | 0.02 | 1.13 | 1.22 |
| 46 | SR | 0.95 | 0.37 | -1.9501 | 0.04 | 0.86 | 0.62 |
| 47 | SR | 0.83 | 0.39 | -0.4109 | 0.02 | 0.96 | 0.90 |
| 50 | SR | 0.83 | 0.52 | -0.5286 | 0.02 | 0.86 | 0.75 |
| 51 | SR | 0.95 | 0.33 | -1.8443 | 0.04 | 0.83 | 0.87 |
| 52 | SR | 0.61 | 0.39 | 0.8212 | 0.02 | 1.05 | 1.11 |
| 53 | SR | 0.52 | 0.37 | 1.3188 | 0.02 | 1.08 | 1.14 |
| 54 | SR | 0.37 | 0.34 | 2.0024 | 0.02 | 1.04 | 1.17 |
| 55 | SR | 0.91 | 0.43 | -1.4991 | 0.03 | 0.94 | 0.79 |
| 62 | SR | 0.78 | 0.47 | -0.1689 | 0.02 | 0.95 | 0.92 |
| 64 | SR | 0.65 | 0.49 | 0.7087 | 0.02 | 0.93 | 0.89 |
| 71 | SR | 0.93 | 0.38 | -1.6979 | 0.03 | 0.92 | 0.78 |
| 72 | SR | 0.92 | 0.32 | -1.5815 | 0.03 | 1.00 | 1.19 |
| 73 | BCR | 0.45 | 0.46 | 1.8693 | 0.02 | 1.03 | 1.04 |
| 74 | SR | 0.88 | 0.36 | -1.1270 | 0.03 | 1.00 | 0.96 |
| 75 | BCR | 0.51 | 0.43 | 1.5842 | 0.02 | 1.14 | 1.15 |
| 76 | SR | 0.78 | 0.45 | -0.2048 | 0.02 | 0.97 | 0.90 |
| 77 | SR | 0.75 | 0.36 | 0.0668 | 0.02 | 1.08 | 1.08 |
| 78 | SR | 0.75 | 0.47 | 0.0261 | 0.02 | 0.96 | 0.88 |
| 79 | BCR | 0.49 | 0.54 | 1.5126 | 0.02 | 0.96 | 0.95 |
| 80 | SR | 0.69 | 0.40 | 0.3830 | 0.02 | 1.04 | 1.05 |
| 81 | BCR | 0.39 | 0.53 | 2.5332 | 0.02 | 0.95 | 0.95 |
| 82 | SR | 0.44 | 0.33 | 1.6974 | 0.02 | 1.09 | 1.23 |

Table B.3 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 5 Form A

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 4 | SR | 0.58 | 0.43 | 0.5100 | 0.02 | 1.00 | 1.01 |
| 5 | SR | 0.55 | 0.41 | 0.5600 | 0.02 | 1.04 | 1.03 |
| 6 | SR | 0.61 | 0.52 | 0.3700 | 0.02 | 0.91 | 0.85 |
| 9 | SR | 0.91 | 0.29 | -1.5200 | 0.02 | 0.87 | 0.85 |
| 10 | SR | 0.88 | 0.43 | -1.4972 | 0.02 | 0.90 | 0.70 |
| 11 | SR | 0.84 | 0.25 | -1.1100 | 0.02 | 1.10 | 1.44 |
| 13 | SR | 0.85 | 0.24 | -1.1400 | 0.02 | 1.10 | 1.50 |
| 16 | SR | 0.82 | 0.39 | -0.7100 | 0.02 | 0.90 | 0.89 |
| 17 | SR | 0.79 | 0.45 | -0.4700 | 0.02 | 0.86 | 0.77 |
| 19 | SR | 0.75 | 0.33 | -0.3700 | 0.02 | 1.05 | 1.15 |
| 21 | SR | 0.81 | 0.41 | -0.8149 | 0.02 | 0.97 | 0.92 |
| 23 | SR | 0.59 | 0.39 | 0.4900 | 0.02 | 1.05 | 1.06 |
| 25 | SR | 0.73 | 0.47 | -0.1900 | 0.02 | 0.92 | 0.84 |
| 26 | SR | 0.71 | 0.30 | -0.1812 | 0.02 | 1.10 | 1.36 |
| 28 | SR | 0.54 | 0.28 | 0.7533 | 0.02 | 1.17 | 1.25 |
| 31 | SR | 0.58 | 0.49 | 0.4500 | 0.02 | 0.95 | 0.93 |
| 32 | SR | 0.70 | 0.37 | -0.1179 | 0.02 | 1.04 | 1.10 |
| 33 | SR | 0.80 | 0.47 | -0.6500 | 0.02 | 0.88 | 0.79 |
| 34 | SR | 0.38 | 0.41 | 1.4400 | 0.02 | 0.99 | 1.01 |
| 35 | SR | 0.65 | 0.51 | 0.1711 | 0.02 | 0.92 | 0.85 |
| 37 | SR | 0.68 | 0.37 | -0.0200 | 0.02 | 1.06 | 1.19 |
| 41 | SR | 0.76 | 0.44 | -0.3800 | 0.02 | 0.91 | 0.85 |
| 44 | SR | 0.64 | 0.53 | 0.2213 | 0.02 | 0.91 | 0.84 |
| 45 | SR | 0.55 | 0.43 | 0.6900 | 0.02 | 1.00 | 1.02 |
| 49 | SR | 0.85 | 0.48 | -1.3106 | 0.02 | 0.88 | 0.68 |
| 61 | SR | 0.75 | 0.45 | -0.3805 | 0.02 | 0.95 | 0.91 |
| 62 | SR | 0.58 | 0.27 | 0.5235 | 0.02 | 1.17 | 1.30 |
| 63 | BCR | 0.56 | 0.52 | 0.7265 | 0.01 | 0.98 | 0.98 |
| 64 | SR | 0.65 | 0.50 | 0.1591 | 0.02 | 0.93 | 0.87 |
| 65 | BCR | 0.54 | 0.51 | 0.4095 | 0.01 | 1.00 | 1.00 |
| 66 | SR | 0.61 | 0.54 | 0.3435 | 0.02 | 0.89 | 0.85 |
| 67 | SR | 0.79 | 0.44 | -0.6974 | 0.02 | 0.94 | 0.86 |
| 68 | SR | 0.79 | 0.30 | -0.6931 | 0.02 | 1.07 | 1.25 |
| 69 | BCR | 0.54 | 0.48 | 0.5032 | 0.01 | 1.01 | 1.02 |
| 70 | SR | 0.52 | 0.38 | 0.7653 | 0.02 | 1.06 | 1.09 |
| 71 | BCR | 0.49 | 0.52 | 0.7771 | 0.01 | 1.01 | 1.01 |
| 72 | SR | 0.68 | 0.48 | -0.0873 | 0.02 | 0.93 | 0.85 |

Table B.4 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 5 Form B

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 4 | SR | 0.58 | 0.43 | 0.5100 | 0.02 | 1.00 | 1.00 |
| 5 | SR | 0.55 | 0.40 | 0.5600 | 0.02 | 1.04 | 1.04 |
| 6 | SR | 0.61 | 0.52 | 0.3700 | 0.02 | 0.90 | 0.85 |
| 9 | SR | 0.91 | 0.28 | -1.5200 | 0.02 | 0.87 | 0.86 |
| 10 | SR | 0.88 | 0.43 | -1.4654 | 0.02 | 0.91 | 0.71 |
| 11 | SR | 0.84 | 0.25 | -1.1100 | 0.02 | 1.12 | 1.42 |
| 13 | SR | 0.85 | 0.23 | -1.1400 | 0.02 | 1.09 | 1.47 |
| 16 | SR | 0.82 | 0.39 | -0.7100 | 0.02 | 0.91 | 0.87 |
| 17 | SR | 0.79 | 0.44 | -0.4700 | 0.02 | 0.86 | 0.76 |
| 19 | SR | 0.76 | 0.34 | -0.3700 | 0.02 | 1.03 | 1.09 |
| 21 | SR | 0.81 | 0.42 | -0.8051 | 0.02 | 0.95 | 0.89 |
| 23 | SR | 0.59 | 0.38 | 0.4900 | 0.02 | 1.05 | 1.04 |
| 25 | SR | 0.72 | 0.46 | -0.1900 | 0.02 | 0.94 | 0.85 |
| 26 | SR | 0.72 | 0.30 | -0.1922 | 0.02 | 1.10 | 1.25 |
| 28 | SR | 0.54 | 0.27 | 0.7665 | 0.01 | 1.17 | 1.24 |
| 31 | SR | 0.59 | 0.47 | 0.4500 | 0.02 | 0.95 | 0.92 |
| 32 | SR | 0.69 | 0.37 | -0.0556 | 0.02 | 1.03 | 1.09 |
| 33 | SR | 0.80 | 0.47 | -0.6500 | 0.02 | 0.86 | 0.77 |
| 34 | SR | 0.38 | 0.39 | 1.4400 | 0.02 | 1.00 | 1.03 |
| 35 | SR | 0.66 | 0.49 | 0.1498 | 0.02 | 0.93 | 0.87 |
| 37 | SR | 0.67 | 0.37 | -0.0200 | 0.02 | 1.07 | 1.13 |
| 41 | SR | 0.76 | 0.43 | -0.3800 | 0.02 | 0.94 | 0.89 |
| 44 | SR | 0.63 | 0.51 | 0.2569 | 0.02 | 0.91 | 0.85 |
| 45 | SR | 0.56 | 0.43 | 0.6900 | 0.02 | 1.00 | 1.01 |
| 49 | SR | 0.84 | 0.48 | -1.2656 | 0.02 | 0.88 | 0.68 |
| 61 | SR | 0.76 | 0.38 | -0.4256 | 0.02 | 1.01 | 1.14 |
| 62 | SR | 0.93 | 0.36 | -2.1041 | 0.03 | 0.92 | 0.71 |
| 63 | BCR | 0.50 | 0.48 | 0.7508 | 0.01 | 0.99 | 0.99 |
| 64 | SR | 0.73 | 0.43 | -0.2648 | 0.02 | 0.97 | 0.96 |
| 65 | BCR | 0.60 | 0.59 | 0.2643 | 0.01 | 0.91 | 0.90 |
| 66 | SR | 0.65 | 0.40 | 0.1265 | 0.02 | 1.02 | 1.02 |
| 67 | SR | 0.92 | 0.32 | -1.8603 | 0.03 | 0.96 | 0.92 |
| 68 | SR | 0.61 | 0.40 | 0.3764 | 0.02 | 1.02 | 1.02 |
| 69 | BCR | 0.57 | 0.54 | 0.4175 | 0.01 | 1.01 | 1.01 |
| 70 | SR | 0.85 | 0.32 | -1.1834 | 0.02 | 1.03 | 1.05 |
| 71 | BCR | 0.66 | 0.55 | 0.0367 | 0.01 | 0.97 | 0.97 |
| 72 | SR | 0.41 | 0.32 | 1.3440 | 0.02 | 1.10 | 1.18 |

Table B.13 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 6 Form A

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 1 | SR | 0.78 | 0.42 | -0.6467 | 0.02 | 1.06 | 1.00 |
| 5 | SR | 0.52 | 0.41 | 0.9241 | 0.02 | 1.05 | 1.06 |
| 8 | SR | 0.59 | 0.46 | 0.7190 | 0.02 | 0.98 | 1.04 |
| 9 | SR | 0.91 | 0.38 | -1.8289 | 0.03 | 0.93 | 0.80 |
| 10 | SR | 0.74 | 0.27 | -0.2987 | 0.02 | 1.20 | 1.42 |
| 14 | SR | 0.73 | 0.37 | -0.2270 | 0.02 | 1.07 | 1.12 |
| 16 | SR | 0.78 | 0.55 | -0.5273 | 0.02 | 0.83 | 0.67 |
| 18 | SR | 0.83 | 0.45 | -0.9466 | 0.02 | 0.90 | 0.79 |
| 21 | SR | 0.88 | 0.46 | -1.4640 | 0.02 | 0.90 | 0.69 |
| 22 | SR | 0.77 | 0.46 | -0.4965 | 0.02 | 0.98 | 0.92 |
| 23 | SR | 0.69 | 0.46 | -0.0437 | 0.02 | 1.01 | 1.01 |
| 24 | SR | 0.69 | 0.51 | 0.0022 | 0.02 | 0.93 | 0.90 |
| 25 | SR | 0.64 | 0.35 | 0.2939 | 0.02 | 1.13 | 1.36 |
| 28 | SR | 0.77 | 0.52 | -0.4945 | 0.02 | 0.91 | 0.77 |
| 29 | SR | 0.64 | 0.52 | 0.2820 | 0.02 | 0.93 | 0.87 |
| 30 | SR | 0.65 | 0.43 | 0.3824 | 0.02 | 0.99 | 0.99 |
| 32 | SR | 0.86 | 0.47 | -1.2626 | 0.02 | 0.93 | 0.74 |
| 33 | SR | 0.34 | 0.31 | 1.8873 | 0.02 | 1.10 | 1.33 |
| 34 | SR | 0.83 | 0.36 | -1.0083 | 0.02 | 1.07 | 1.34 |
| 35 | SR | 0.62 | 0.42 | 0.3861 | 0.02 | 1.03 | 1.01 |
| 36 | SR | 0.78 | 0.40 | -0.4554 | 0.02 | 0.99 | 1.01 |
| 37 | SR | 0.81 | 0.55 | -0.8703 | 0.02 | 0.88 | 0.69 |
| 38 | SR | 0.59 | 0.55 | 0.6399 | 0.02 | 0.87 | 0.81 |
| 39 | SR | 0.87 | 0.51 | -1.4312 | 0.02 | 0.89 | 0.61 |
| 40 | SR | 0.76 | 0.49 | -0.4922 | 0.02 | 0.94 | 0.85 |
| 61 | SR | 0.52 | 0.20 | 0.9004 | 0.02 | 1.32 | 1.50 |
| 62 | SR | 0.55 | 0.46 | 0.7493 | 0.02 | 0.99 | 0.99 |
| 63 | BCR | 0.51 | 0.56 | 1.0557 | 0.01 | 1.02 | 1.02 |
| 64 | SR | 0.72 | 0.37 | -0.1611 | 0.02 | 1.08 | 1.12 |
| 65 | BCR | 0.44 | 0.62 | 1.7828 | 0.01 | 0.92 | 0.92 |
| 66 | SR | 0.79 | 0.49 | -0.7520 | 0.02 | 0.91 | 0.81 |
| 67 | SR | 0.78 | 0.48 | -0.5343 | 0.02 | 0.94 | 0.95 |
| 68 | SR | 0.59 | 0.44 | 0.5868 | 0.02 | 1.02 | 1.06 |
| 69 | BCR | 0.45 | 0.53 | 1.6918 | 0.01 | 0.98 | 0.98 |
| 70 | SR | 0.51 | 0.36 | 0.9329 | 0.02 | 1.11 | 1.18 |
| 71 | BCR | 0.46 | 0.48 | 1.7560 | 0.02 | 1.05 | 1.05 |
| 72 | SR | 0.79 | 0.32 | -0.9200 | 0.02 | 1.07 | 1.40 |

Table B.14 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 6 Form B

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 1 | SR | 0.79 | 0.43 | -0.6467 | 0.02 | 1.02 | 0.93 |
| 5 | SR | 0.53 | 0.42 | 0.9241 | 0.01 | 1.03 | 1.04 |
| 8 | SR | 0.60 | 0.45 | 0.7190 | 0.01 | 0.99 | 1.02 |
| 9 | SR | 0.92 | 0.38 | -1.8289 | 0.03 | 0.93 | 0.84 |
| 10 | SR | 0.74 | 0.27 | -0.2987 | 0.02 | 1.20 | 1.45 |
| 14 | SR | 0.74 | 0.36 | -0.2270 | 0.02 | 1.08 | 1.13 |
| 16 | SR | 0.80 | 0.55 | -0.5273 | 0.02 | 0.80 | 0.64 |
| 18 | SR | 0.84 | 0.44 | -0.9466 | 0.02 | 0.93 | 0.84 |
| 21 | SR | 0.89 | 0.46 | -1.4860 | 0.02 | 0.90 | 0.66 |
| 22 | SR | 0.78 | 0.46 | -0.4965 | 0.02 | 0.97 | 0.92 |
| 23 | SR | 0.71 | 0.45 | -0.0437 | 0.02 | 0.99 | 0.97 |
| 24 | SR | 0.70 | 0.51 | 0.0022 | 0.02 | 0.93 | 0.93 |
| 25 | SR | 0.65 | 0.34 | 0.2939 | 0.02 | 1.12 | 1.31 |
| 28 | SR | 0.78 | 0.52 | -0.4922 | 0.02 | 0.90 | 0.74 |
| 29 | SR | 0.65 | 0.52 | 0.2820 | 0.02 | 0.92 | 0.86 |
| 30 | SR | 0.66 | 0.44 | 0.3824 | 0.02 | 0.99 | 0.98 |
| 32 | SR | 0.86 | 0.47 | -1.2626 | 0.02 | 0.95 | 0.76 |
| 33 | SR | 0.34 | 0.32 | 1.8873 | 0.02 | 1.07 | 1.25 |
| 34 | SR | 0.84 | 0.36 | -1.0083 | 0.02 | 1.06 | 1.34 |
| 35 | SR | 0.63 | 0.42 | 0.4176 | 0.02 | 1.04 | 1.03 |
| 36 | SR | 0.79 | 0.40 | -0.4554 | 0.02 | 0.97 | 0.98 |
| 37 | SR | 0.82 | 0.54 | -0.8703 | 0.02 | 0.90 | 0.70 |
| 38 | SR | 0.60 | 0.55 | 0.6399 | 0.01 | 0.87 | 0.81 |
| 39 | SR | 0.88 | 0.49 | -1.4312 | 0.02 | 0.86 | 0.60 |
| 40 | SR | 0.77 | 0.48 | -0.4922 | 0.02 | 0.96 | 0.85 |
| 61 | SR | 0.89 | 0.45 | -1.5146 | 0.02 | 0.91 | 0.71 |
| 62 | SR | 0.57 | 0.31 | 0.7100 | 0.01 | 1.17 | 1.29 |
| 63 | BCR | 0.32 | 0.57 | 2.2810 | 0.01 | 1.03 | 1.03 |
| 64 | SR | 0.68 | 0.30 | 0.1218 | 0.02 | 1.17 | 1.36 |
| 65 | BCR | 0.39 | 0.61 | 1.8232 | 0.01 | 0.92 | 0.92 |
| 66 | SR | 0.83 | 0.44 | -0.9841 | 0.02 | 0.95 | 0.88 |
| 67 | SR | 0.77 | 0.40 | -0.4183 | 0.02 | 1.04 | 1.04 |
| 68 | SR | 0.56 | 0.38 | 0.8046 | 0.01 | 1.09 | 1.16 |
| 69 | BCR | 0.33 | 0.50 | 2.4518 | 0.01 | 1.01 | 1.01 |
| 70 | SR | 0.58 | 0.36 | 0.6123 | 0.01 | 1.11 | 1.16 |
| 71 | BCR | 0.44 | 0.54 | 1.4859 | 0.01 | 0.99 | 1.00 |
| 72 | SR | 0.81 | 0.38 | -0.9677 | 0.02 | 1.01 | 0.93 |

Table B.19 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 7 Form A

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 1 | SR | 0.90 | 0.42 | -1.6474 | 0.02 | 0.87 | 0.70 |
| 3 | SR | 0.84 | 0.32 | -1.1065 | 0.02 | 1.07 | 1.22 |
| 6 | SR | 0.44 | 0.50 | 1.2004 | 0.02 | 0.92 | 0.93 |
| 8 | SR | 0.42 | 0.42 | 1.2989 | 0.02 | 1.02 | 1.08 |
| 10 | SR | 0.60 | 0.32 | 0.3792 | 0.02 | 1.19 | 1.29 |
| 14 | SR | 0.68 | 0.44 | 0.0457 | 0.02 | 0.99 | 0.98 |
| 16 | SR | 0.64 | 0.40 | 0.1649 | 0.02 | 1.08 | 1.14 |
| 20 | SR | 0.84 | 0.48 | -1.1073 | 0.02 | 0.87 | 0.73 |
| 22 | SR | 0.88 | 0.44 | -1.5119 | 0.02 | 0.92 | 0.88 |
| 23 | SR | 0.54 | 0.48 | 0.6159 | 0.02 | 0.98 | 0.97 |
| 26 | SR | 0.77 | 0.29 | -0.4347 | 0.02 | 1.11 | 1.37 |
| 27 | SR | 0.54 | 0.31 | 0.8787 | 0.02 | 1.18 | 1.27 |
| 28 | SR | 0.64 | 0.46 | 0.2107 | 0.02 | 0.99 | 1.03 |
| 31 | SR | 0.58 | 0.42 | 0.5308 | 0.02 | 1.05 | 1.07 |
| 32 | SR | 0.86 | 0.44 | -1.3415 | 0.02 | 0.98 | 0.96 |
| 33 | SR | 0.61 | 0.35 | 0.3229 | 0.02 | 1.13 | 1.28 |
| 36 | SR | 0.90 | 0.38 | -1.8027 | 0.03 | 1.04 | 1.07 |
| 37 | SR | 0.72 | 0.53 | -0.2783 | 0.02 | 0.91 | 0.84 |
| 38 | SR | 0.76 | 0.43 | -0.5500 | 0.02 | 1.02 | 1.06 |
| 39 | SR | 0.61 | 0.37 | 0.2337 | 0.02 | 1.13 | 1.21 |
| 40 | SR | 0.86 | 0.42 | -1.3703 | 0.02 | 0.98 | 1.00 |
| 41 | SR | 0.78 | 0.48 | -0.5760 | 0.02 | 0.91 | 0.85 |
| 42 | SR | 0.73 | 0.56 | -0.3503 | 0.02 | 0.88 | 0.76 |
| 43 | SR | 0.73 | 0.47 | -0.3690 | 0.02 | 0.97 | 0.99 |
| 44 | SR | 0.68 | 0.51 | -0.0528 | 0.02 | 0.94 | 0.90 |
| 61 | SR | 0.75 | 0.50 | -0.4451 | 0.02 | 0.93 | 0.86 |
| 62 | SR | 0.70 | 0.36 | -0.1488 | 0.02 | 1.10 | 1.24 |
| 63 | BCR | 0.48 | 0.65 | 1.1708 | 0.01 | 0.84 | 0.84 |
| 64 | SR | 0.73 | 0.46 | -0.3319 | 0.02 | 0.98 | 0.96 |
| 65 | BCR | 0.35 | 0.63 | 1.9876 | 0.01 | 0.91 | 0.90 |
| 66 | SR | 0.77 | 0.52 | -0.7323 | 0.02 | 0.89 | 0.78 |
| 67 | SR | 0.60 | 0.42 | 0.3810 | 0.02 | 1.05 | 1.07 |
| 68 | SR | 0.88 | 0.53 | -1.5336 | 0.02 | 0.86 | 0.60 |
| 69 | BCR | 0.39 | 0.59 | 1.8123 | 0.01 | 0.90 | 0.90 |
| 70 | SR | 0.75 | 0.49 | -0.5920 | 0.02 | 0.93 | 0.86 |
| 71 | BCR | 0.43 | 0.64 | 1.4011 | 0.01 | 0.91 | 0.91 |
| 72 | SR | 0.54 | 0.26 | 0.6634 | 0.02 | 1.24 | 1.48 |

Table B.20 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 7 Form B

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 1 | SR | 0.89 | 0.42 | -1.6474 | 0.02 | 0.88 | 0.69 |
| 3 | SR | 0.84 | 0.32 | -1.1065 | 0.02 | 1.02 | 1.13 |
| 6 | SR | 0.45 | 0.50 | 1.2004 | 0.02 | 0.91 | 0.93 |
| 8 | SR | 0.42 | 0.43 | 1.2831 | 0.02 | 1.00 | 1.05 |
| 10 | SR | 0.60 | 0.31 | 0.3792 | 0.02 | 1.18 | 1.27 |
| 14 | SR | 0.68 | 0.44 | 0.0457 | 0.02 | 0.99 | 0.99 |
| 16 | SR | 0.63 | 0.40 | 0.1649 | 0.02 | 1.07 | 1.11 |
| 20 | SR | 0.84 | 0.48 | -1.1073 | 0.02 | 0.88 | 0.74 |
| 22 | SR | 0.88 | 0.44 | -1.5119 | 0.02 | 0.92 | 0.86 |
| 23 | SR | 0.54 | 0.48 | 0.6159 | 0.02 | 0.97 | 0.96 |
| 26 | SR | 0.76 | 0.30 | -0.4347 | 0.02 | 1.10 | 1.29 |
| 27 | SR | 0.53 | 0.30 | 0.8787 | 0.02 | 1.19 | 1.28 |
| 28 | SR | 0.63 | 0.45 | 0.2107 | 0.02 | 1.00 | 1.02 |
| 31 | SR | 0.57 | 0.41 | 0.5308 | 0.02 | 1.06 | 1.10 |
| 32 | SR | 0.85 | 0.45 | -1.3415 | 0.02 | 0.96 | 0.87 |
| 33 | SR | 0.61 | 0.36 | 0.3366 | 0.02 | 1.11 | 1.23 |
| 36 | SR | 0.89 | 0.37 | -1.8027 | 0.03 | 1.07 | 1.08 |
| 37 | SR | 0.71 | 0.53 | -0.2783 | 0.02 | 0.91 | 0.83 |
| 38 | SR | 0.75 | 0.44 | -0.5500 | 0.02 | 1.02 | 1.07 |
| 39 | SR | 0.61 | 0.37 | 0.2337 | 0.02 | 1.12 | 1.23 |
| 40 | SR | 0.86 | 0.41 | -1.3703 | 0.02 | 0.96 | 1.03 |
| 41 | SR | 0.77 | 0.47 | -0.5760 | 0.02 | 0.93 | 0.87 |
| 42 | SR | 0.72 | 0.56 | -0.3503 | 0.02 | 0.88 | 0.79 |
| 43 | SR | 0.73 | 0.46 | -0.3690 | 0.02 | 0.98 | 1.02 |
| 44 | SR | 0.68 | 0.50 | -0.0528 | 0.02 | 0.95 | 0.90 |
| 61 | SR | 0.90 | 0.47 | -1.7912 | 0.02 | 0.90 | 0.62 |
| 62 | SR | 0.52 | 0.43 | 0.7825 | 0.02 | 1.02 | 1.04 |
| 63 | BCR | 0.49 | 0.64 | 1.1466 | 0.01 | 0.87 | 0.86 |
| 64 | SR | 0.58 | 0.48 | 0.4706 | 0.02 | 0.97 | 0.95 |
| 65 | BCR | 0.32 | 0.56 | 2.3461 | 0.01 | 0.94 | 0.95 |
| 66 | SR | 0.59 | 0.49 | 0.4000 | 0.02 | 0.96 | 0.96 |
| 67 | SR | 0.56 | 0.38 | 0.5701 | 0.02 | 1.09 | 1.16 |
| 68 | SR | 0.69 | 0.44 | -0.1314 | 0.02 | 1.01 | 1.05 |
| 69 | BCR | 0.45 | 0.62 | 1.2483 | 0.01 | 0.92 | 0.91 |
| 70 | SR | 0.70 | 0.32 | -0.2888 | 0.02 | 1.15 | 1.41 |
| 71 | BCR | 0.46 | 0.63 | 1.0925 | 0.01 | 0.95 | 0.94 |
| 72 | SR | 0.70 | 0.51 | -0.3153 | 0.02 | 0.92 | 0.84 |

Table B.5 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 8 Form A

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 3 | SR | 0.65 | 0.45 | 0.0700 | 0.02 | 1.00 | 0.96 |
| 6 | SR | 0.50 | 0.32 | 0.9600 | 0.02 | 1.07 | 1.09 |
| 8 | SR | 0.58 | 0.44 | 0.5100 | 0.02 | 0.95 | 0.93 |
| 9 | SR | 0.92 | 0.41 | -1.9483 | 0.03 | 0.95 | 0.77 |
| 22 | SR | 0.97 | 0.35 | -3.2300 | 0.05 | 0.97 | 1.00 |
| 23 | SR | 0.56 | 0.25 | 0.6400 | 0.02 | 1.15 | 1.20 |
| 24 | SR | 0.57 | 0.32 | 0.6297 | 0.02 | 1.08 | 1.09 |
| 25 | SR | 0.80 | 0.28 | -0.8000 | 0.02 | 1.15 | 1.32 |
| 26 | SR | 0.64 | 0.37 | 0.3900 | 0.02 | 1.01 | 1.00 |
| 29 | SR | 0.72 | 0.45 | -0.1900 | 0.02 | 0.95 | 0.93 |
| 30 | SR | 0.60 | 0.36 | 0.4730 | 0.02 | 1.04 | 1.04 |
| 31 | SR | 0.65 | 0.45 | 0.2000 | 0.02 | 0.96 | 0.94 |
| 32 | SR | 0.49 | 0.26 | 0.9800 | 0.02 | 1.14 | 1.19 |
| 33 | SR | 0.65 | 0.44 | 0.2900 | 0.02 | 0.96 | 0.94 |
| 35 | SR | 0.78 | 0.34 | -0.4600 | 0.02 | 0.99 | 1.03 |
| 36 | SR | 0.55 | 0.30 | 0.7374 | 0.02 | 1.10 | 1.14 |
| 37 | SR | 0.73 | 0.43 | -0.2400 | 0.02 | 0.97 | 0.94 |
| 38 | SR | 0.76 | 0.45 | -0.4900 | 0.02 | 0.97 | 0.92 |
| 39 | SR | 0.52 | 0.36 | 0.8607 | 0.02 | 1.04 | 1.06 |
| 41 | SR | 0.83 | 0.34 | -1.0200 | 0.02 | 1.06 | 1.09 |
| 44 | SR | 0.74 | 0.51 | -0.1600 | 0.02 | 0.85 | 0.79 |
| 46 | SR | 0.80 | 0.51 | -0.7418 | 0.02 | 0.89 | 0.77 |
| 48 | SR | 0.73 | 0.54 | -0.0500 | 0.02 | 0.81 | 0.71 |
| 49 | SR | 0.74 | 0.41 | -0.1600 | 0.02 | 0.94 | 0.90 |
| 50 | SR | 0.74 | 0.46 | -0.1800 | 0.02 | 0.90 | 0.85 |
| 61 | SR | 0.83 | 0.44 | -0.9183 | 0.02 | 0.94 | 0.82 |
| 62 | SR | 0.57 | 0.38 | 0.6204 | 0.02 | 1.01 | 1.01 |
| 63 | BCR | 0.62 | 0.64 | 0.1149 | 0.01 | 0.86 | 0.86 |
| 64 | SR | 0.73 | 0.43 | -0.2229 | 0.02 | 0.97 | 0.91 |
| 65 | BCR | 0.56 | 0.66 | 0.6918 | 0.01 | 0.86 | 0.86 |
| 66 | SR | 0.66 | 0.40 | 0.1208 | 0.02 | 0.99 | 0.98 |
| 67 | SR | 0.62 | 0.23 | 0.3867 | 0.02 | 1.17 | 1.28 |
| 68 | SR | 0.81 | 0.52 | -0.7417 | 0.02 | 0.87 | 0.74 |
| 69 | BCR | 0.48 | 0.59 | 1.0702 | 0.01 | 0.91 | 0.91 |
| 70 | SR | 0.65 | 0.25 | 0.1154 | 0.02 | 1.15 | 1.23 |
| 71 | BCR | 0.51 | 0.60 | 1.1735 | 0.01 | 0.92 | 0.92 |
| 72 | SR | 0.58 | 0.10 | 0.5270 | 0.02 | 1.30 | 1.48 |

Table B.6 The 2005 MSA-Reading Classical and IRT Item Parameters: Grade 8 Form B

| Item Number | Item Type | P-Value | Point-Biserial | Rasch Difficulty | SE | Ms. Infit | Ms. Outfit |
|-------------|-----------|---------|----------------|------------------|------|-----------|------------|
| 3 | SR | 0.65 | 0.45 | 0.0700 | 0.02 | 1.00 | 0.97 |
| 6 | SR | 0.50 | 0.31 | 0.9600 | 0.01 | 1.11 | 1.16 |
| 8 | SR | 0.57 | 0.44 | 0.5100 | 0.01 | 0.98 | 0.97 |
| 9 | SR | 0.92 | 0.41 | -1.9402 | 0.03 | 0.94 | 0.78 |
| 22 | SR | 0.97 | 0.34 | -3.3540 | 0.05 | 0.98 | 1.29 |
| 23 | SR | 0.57 | 0.24 | 0.6400 | 0.01 | 1.18 | 1.25 |
| 24 | SR | 0.57 | 0.32 | 0.6391 | 0.01 | 1.10 | 1.14 |
| 25 | SR | 0.80 | 0.28 | -0.8000 | 0.02 | 1.13 | 1.29 |
| 26 | SR | 0.63 | 0.36 | 0.3900 | 0.01 | 1.04 | 1.05 |
| 29 | SR | 0.72 | 0.44 | -0.1900 | 0.02 | 0.97 | 0.95 |
| 30 | SR | 0.59 | 0.37 | 0.5255 | 0.01 | 1.05 | 1.05 |
| 31 | SR | 0.64 | 0.45 | 0.2000 | 0.01 | 0.98 | 0.97 |
| 32 | SR | 0.50 | 0.25 | 0.9800 | 0.01 | 1.17 | 1.24 |
| 33 | SR | 0.64 | 0.43 | 0.2900 | 0.01 | 0.97 | 0.95 |
| 35 | SR | 0.78 | 0.34 | -0.4600 | 0.02 | 1.01 | 1.06 |
| 36 | SR | 0.54 | 0.28 | 0.7856 | 0.01 | 1.15 | 1.20 |
| 37 | SR | 0.73 | 0.44 | -0.2400 | 0.02 | 0.98 | 0.95 |
| 38 | SR | 0.76 | 0.47 | -0.4900 | 0.02 | 0.96 | 0.92 |
| 39 | SR | 0.52 | 0.37 | 0.8650 | 0.01 | 1.04 | 1.07 |
| 41 | SR | 0.83 | 0.34 | -1.0200 | 0.02 | 1.06 | 1.15 |
| 44 | SR | 0.74 | 0.51 | -0.1600 | 0.02 | 0.85 | 0.80 |
| 46 | SR | 0.80 | 0.51 | -0.7197 | 0.02 | 0.90 | 0.77 |
| 48 | SR | 0.72 | 0.55 | -0.0500 | 0.02 | 0.82 | 0.73 |
| 49 | SR | 0.74 | 0.42 | -0.1600 | 0.02 | 0.95 | 0.91 |
| 50 | SR | 0.74 | 0.47 | -0.1800 | 0.02 | 0.90 | 0.86 |
| 61 | SR | 0.75 | 0.31 | -0.3979 | 0.02 | 1.08 | 1.33 |
| 62 | SR | 0.87 | 0.43 | -1.3377 | 0.02 | 0.93 | 0.93 |
| 63 | BCR | 0.57 | 0.63 | 0.6660 | 0.01 | 0.89 | 0.89 |
| 64 | SR | 0.88 | 0.44 | -1.4736 | 0.02 | 0.93 | 0.82 |
| 65 | BCR | 0.51 | 0.60 | 0.8417 | 0.01 | 0.94 | 0.93 |
| 66 | SR | 0.60 | 0.39 | 0.4157 | 0.01 | 1.03 | 1.04 |
| 67 | SR | 0.62 | 0.43 | 0.3794 | 0.01 | 0.99 | 0.97 |
| 68 | SR | 0.55 | 0.46 | 0.7245 | 0.01 | 0.95 | 0.92 |
| 69 | BCR | 0.55 | 0.66 | 0.6102 | 0.01 | 0.88 | 0.87 |
| 70 | SR | 0.39 | 0.25 | 1.4268 | 0.01 | 1.16 | 1.25 |
| 71 | BCR | 0.54 | 0.67 | 0.6763 | 0.01 | 0.85 | 0.84 |
| 72 | SR | 0.67 | 0.50 | 0.0302 | 0.02 | 0.91 | 0.85 |