

Appendix B
DIF Analysis

Table B.1 Grade 5 DIF results

| UIN | Black/White | | | | Hispanic/White | | | | Male/Female | | | |
|----------|-------------|---------|-----|-------|----------------|---------|-----|-------|-------------|---------|-----|-------|
| | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor |
| 50019 | -0.01 | 0.0007 | | | 0.29 | 0.0286 | | | -0.30 | -0.0259 | | |
| 50228 | -0.71 | -0.0489 | | | 0.65 | 0.0411 | | | -0.19 | -0.0109 | | |
| 50336 | 0.60 | 0.0484 | | | -0.06 | 0.0024 | | | -0.11 | -0.0062 | | |
| 50367 | N/A | -0.0222 | | | N/A | -0.0382 | | | N/A | 0.0924 | | |
| 50477 | -0.45 | -0.0198 | | | 0.00 | -0.0041 | | | 0.37 | 0.0195 | | |
| 50529 | 0.17 | 0.0156 | | | 0.09 | 0.0150 | | | -0.57 | -0.0414 | | |
| 50552 | -0.48 | -0.0395 | | | 0.20 | 0.0219 | | | 0.13 | 0.0125 | | |
| 50575 | -0.05 | -0.0033 | | | 0.52 | 0.0349 | | | 0.56 | 0.0264 | | |
| 50656 | 0.24 | 0.0420 | | | -0.08 | -0.0060 | | | 0.33 | 0.0322 | | |
| 50658 | -0.53 | -0.0460 | | | -0.59 | -0.0519 | | | -0.10 | -0.0075 | | |
| 50659 | -0.14 | -0.0188 | | | 0.12 | 0.0034 | | | 0.15 | 0.0079 | | |
| 50661 | N/A | 0.0563 | | | N/A | 0.0896 | | | N/A | 0.0377 | | |
| 50677 | -0.25 | -0.0154 | | | -0.89 | -0.0760 | | | 0.01 | 0.0002 | | |
| 50678 | -1.03 | -0.0672 | B | W | -0.69 | -0.0401 | | | -0.03 | -0.0004 | | |
| 50679 | -0.01 | -0.0094 | | | -0.07 | -0.0133 | | | 0.45 | 0.0453 | | |
| 50693 | -0.18 | -0.0182 | | | 0.13 | 0.0096 | | | 0.12 | 0.0108 | | |
| 50694 | 0.21 | 0.0295 | | | -0.02 | -0.0044 | | | 0.56 | 0.0513 | | |
| 50696 | N/A | 0.0414 | | | N/A | -0.0123 | | | N/A | 0.0114 | | |
| 55110 | 0.11 | 0.0202 | | | 0.22 | 0.0248 | | | -0.38 | -0.0296 | | |
| 55167 | 0.07 | 0.0185 | | | -0.02 | 0.0070 | | | -0.10 | -0.0063 | | |
| 55210 | N/A | -0.0133 | | | N/A | 0.0039 | | | N/A | 0.1016 | | |
| 55230 | 0.07 | -0.0035 | | | 0.18 | 0.0130 | | | -0.19 | -0.0124 | | |
| 50149_01 | -0.13 | -0.0001 | | | 0.49 | 0.0356 | | | 0.22 | 0.0121 | | |
| 50149_02 | 0.51 | 0.0534 | | | 0.61 | 0.0574 | | | 0.45 | 0.0395 | | |
| 50149_05 | 0.35 | 0.0391 | | | 0.94 | 0.0813 | | | 0.33 | 0.0330 | | |
| 50149_06 | 0.91 | 0.0840 | | | -0.18 | -0.0101 | | | 0.04 | 0.0045 | | |
| 50149_07 | 0.06 | 0.0007 | | | 0.23 | 0.0042 | | | -0.13 | -0.0053 | | |
| 50604_01 | 0.79 | 0.0769 | | | 0.85 | 0.0883 | | | 0.29 | 0.0234 | | |
| 50604_02 | 0.23 | 0.0200 | | | 0.66 | 0.0522 | | | -0.36 | -0.0301 | | |
| 50604_03 | 0.30 | 0.0290 | | | -0.21 | -0.0099 | | | 0.14 | 0.0144 | | |
| 50604_05 | 0.21 | 0.0062 | | | -0.27 | -0.0179 | | | 0.51 | 0.0383 | | |
| 50604_06 | N/A | 0.0749 | | | N/A | 0.0388 | | | N/A | 0.2030 | CC | F |
| 50604_07 | N/A | -0.0123 | | | N/A | 0.0336 | | | N/A | 0.1604 | CC | F |
| 50606_01 | -0.16 | -0.0172 | | | -0.39 | -0.0360 | | | -0.17 | -0.0121 | | |
| 50606_02 | 0.24 | 0.0135 | | | 0.44 | 0.0442 | | | 0.06 | 0.0049 | | |
| 50606_03 | 0.22 | 0.0170 | | | 0.38 | 0.0359 | | | 0.14 | 0.0080 | | |
| 50606_04 | 0.33 | 0.0139 | | | 0.10 | 0.0039 | | | 0.35 | 0.0157 | | |
| 50606_05 | -0.74 | -0.0341 | | | -1.06 | -0.0438 | B | W | 0.10 | 0.0040 | | |
| 50606_07 | N/A | 0.0054 | | | N/A | -0.0164 | | | N/A | 0.1352 | BB | F |
| 50607_01 | -0.31 | -0.0242 | | | -0.05 | 0.0048 | | | -0.37 | -0.0341 | | |
| 50607_02 | 0.31 | 0.0210 | | | 0.10 | 0.0076 | | | -0.15 | -0.0113 | | |
| 50607_03 | 0.29 | 0.0265 | | | 0.57 | 0.0566 | | | -0.14 | -0.0134 | | |
| 50607_04 | 0.46 | 0.0443 | | | 0.61 | 0.0540 | | | 0.37 | 0.0284 | | |
| 50607_06 | N/A | 0.0846 | | | N/A | 0.0443 | | | N/A | 0.1090 | BB | F |
| 50607_07 | N/A | -0.0386 | | | N/A | -0.0359 | | | N/A | 0.0578 | | |
| 50608_01 | 0.60 | 0.0453 | | | 0.41 | 0.0369 | | | 0.08 | 0.0071 | | |
| 50608_02 | -0.14 | -0.0089 | | | -0.26 | -0.0241 | | | 0.00 | 0.0013 | | |
| 50608_03 | 0.55 | 0.0520 | | | 0.26 | 0.0259 | | | -0.05 | -0.0044 | | |

| UIN | Black/White | | | | Hispanic/White | | | | Male/Female | | | |
|----------|-------------|---------|-----|-------|----------------|---------|-----|-------|-------------|---------|-----|-------|
| | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor |
| 50608_04 | -0.34 | -0.0265 | | | -0.69 | -0.0650 | | | 0.30 | 0.0283 | | |
| 50608_05 | 0.28 | 0.0340 | | | 0.66 | 0.0574 | | | 0.01 | 0.0000 | | |
| 50615_01 | -0.10 | 0.0141 | | | 0.34 | 0.0293 | | | -0.46 | -0.0314 | | |
| 50615_02 | -0.37 | -0.0179 | | | 0.56 | 0.0479 | | | -0.28 | -0.0183 | | |
| 50615_03 | -0.17 | 0.0072 | | | 0.88 | 0.0787 | | | -1.03 | -0.0823 | B | M |
| 50615_04 | -0.64 | -0.0450 | | | -0.40 | -0.0357 | | | -0.42 | -0.0376 | | |
| 50616_01 | 0.59 | 0.0306 | | | -0.07 | -0.0006 | | | -0.08 | -0.0046 | | |
| 50616_02 | 0.42 | 0.0458 | | | 0.24 | 0.0268 | | | 0.44 | 0.0415 | | |
| 50616_03 | -0.27 | -0.0116 | | | 0.22 | 0.0074 | | | -0.03 | -0.0005 | | |
| 50616_05 | 0.56 | 0.0315 | | | -0.21 | -0.0191 | | | 0.04 | 0.0049 | | |
| 50617_02 | 0.23 | 0.0253 | | | 0.06 | 0.0045 | | | -0.11 | -0.0108 | | |
| 50617_03 | 0.15 | 0.0040 | | | 0.05 | 0.0015 | | | 0.72 | 0.0348 | | |
| 50617_04 | -0.17 | -0.0086 | | | 0.20 | 0.0265 | | | 0.06 | 0.0057 | | |
| 50617_05 | 0.25 | 0.0101 | | | -0.01 | 0.0031 | | | -0.19 | -0.0115 | | |
| 50618_01 | -0.20 | -0.0032 | | | 0.96 | 0.0910 | | | -0.05 | -0.0053 | | |
| 50618_03 | 0.13 | 0.0235 | | | 0.62 | 0.0657 | | | -0.27 | -0.0234 | | |
| 50618_04 | -0.38 | -0.0168 | | | 0.50 | 0.0474 | | | -0.23 | -0.0163 | | |
| 50618_05 | -0.02 | 0.0045 | | | 0.65 | 0.0520 | | | 0.13 | 0.0095 | | |
| 50619_01 | -0.29 | -0.0113 | | | -0.53 | -0.0274 | | | 0.06 | 0.0042 | | |
| 50619_02 | 0.04 | 0.0094 | | | 0.72 | 0.0301 | | | -0.14 | -0.0085 | | |
| 50619_03 | 0.07 | -0.0006 | | | -0.11 | -0.0129 | | | -0.05 | -0.0017 | | |
| 50619_04 | 0.19 | 0.0076 | | | 0.26 | 0.0249 | | | 0.38 | 0.0317 | | |
| 50620_01 | -0.17 | -0.0120 | | | -0.99 | -0.0763 | | | 0.10 | 0.0091 | | |
| 50620_02 | 0.56 | 0.0394 | | | 0.68 | 0.0587 | | | -0.15 | -0.0158 | | |
| 50620_03 | 0.07 | 0.0079 | | | 0.18 | 0.0233 | | | 0.48 | 0.0397 | | |
| 50620_04 | -0.17 | -0.0085 | | | -0.87 | -0.0672 | | | 0.21 | 0.0155 | | |
| 50622_01 | -0.38 | -0.0461 | | | -0.19 | -0.0161 | | | -0.25 | -0.0241 | | |
| 50622_02 | -0.11 | -0.0182 | | | -0.30 | -0.0148 | | | -0.19 | -0.0156 | | |
| 50622_04 | -0.51 | -0.0282 | | | -0.78 | -0.0606 | | | -0.89 | -0.0709 | | |
| 50622_05 | 0.48 | 0.0637 | | | 0.06 | 0.0148 | | | -0.12 | -0.0120 | | |
| 50624_01 | 0.80 | 0.0632 | | | 0.70 | 0.0669 | | | -0.09 | -0.0080 | | |
| 50624_02 | -0.02 | 0.0097 | | | 0.35 | 0.0266 | | | -0.23 | -0.0189 | | |
| 50624_03 | 0.32 | 0.0299 | | | 0.60 | 0.0578 | | | -0.09 | -0.0047 | | |
| 50624_04 | 0.25 | 0.0089 | | | 0.17 | 0.0132 | | | 0.18 | 0.0188 | | |
| 50628_01 | 0.02 | 0.0013 | | | 1.04 | 0.0291 | B | H | -0.41 | -0.0111 | | |
| 50628_02 | -0.01 | 0.0003 | | | -0.08 | -0.0050 | | | 0.10 | 0.0094 | | |
| 50628_03 | -0.25 | -0.0137 | | | 0.50 | 0.0507 | | | 0.19 | 0.0125 | | |
| 50628_05 | -0.12 | -0.0088 | | | -0.01 | -0.0059 | | | -0.10 | -0.0093 | | |
| 50629_01 | 0.02 | -0.0083 | | | 0.16 | 0.0074 | | | -0.14 | -0.0105 | | |
| 50629_02 | 0.79 | 0.0362 | | | -0.05 | -0.0043 | | | -0.30 | -0.0125 | | |
| 50629_03 | -0.30 | -0.0077 | | | -0.57 | -0.0329 | | | 0.47 | 0.0282 | | |
| 50629_05 | N/A | 0.0062 | | | N/A | -0.0207 | | | N/A | 0.0927 | | |
| 50630_01 | -0.10 | -0.0133 | | | 0.28 | 0.0148 | | | 0.14 | 0.0103 | | |
| 50630_02 | 0.41 | 0.0361 | | | 0.40 | 0.0418 | | | -0.32 | -0.0293 | | |
| 50630_03 | 0.50 | 0.0593 | | | -0.27 | -0.0155 | | | -0.36 | -0.0335 | | |
| 50630_05 | 0.90 | 0.0522 | | | 0.26 | 0.0095 | | | 0.04 | 0.0025 | | |
| 50632_01 | -0.83 | -0.0313 | | | -1.06 | -0.0808 | B | W | -0.24 | -0.0176 | | |
| 50632_02 | -0.84 | -0.0665 | | | -0.23 | -0.0205 | | | -0.14 | -0.0117 | | |
| 50632_03 | -0.41 | -0.0161 | | | -0.75 | -0.0550 | | | 0.20 | 0.0131 | | |
| 50632_04 | -0.34 | -0.0061 | | | 0.54 | 0.0455 | | | 0.54 | 0.0323 | | |

| UIN | Black/White | | | | Hispanic/White | | | | Male/Female | | | |
|------------|--------------------|------------|------------|--------------|-----------------------|------------|------------|--------------|--------------------|------------|------------|--------------|
| | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor |
| 50633_01 | 0.24 | 0.0214 | | | 0.59 | 0.0429 | | | 0.04 | 0.0042 | | |
| 50633_02 | 0.56 | 0.0466 | | | 1.16 | 0.0949 | B | H | -0.32 | -0.0270 | | |
| 50633_03 | 0.24 | 0.0212 | | | 0.24 | 0.0226 | | | 0.29 | 0.0265 | | |
| 50633_04 | 0.31 | 0.0255 | | | 0.19 | 0.0084 | | | 0.15 | 0.0139 | | |
| 50634_01 | -0.01 | -0.0026 | | | 0.06 | 0.0017 | | | -0.26 | -0.0239 | | |
| 50634_02 | 0.05 | 0.0072 | | | 0.44 | 0.0374 | | | -0.21 | -0.0219 | | |
| 50634_03 | -0.56 | -0.0325 | | | -0.28 | -0.0188 | | | 0.06 | 0.0042 | | |
| 50634_04 | -0.26 | -0.0218 | | | 0.08 | 0.0151 | | | 0.29 | 0.0251 | | |
| 50635_01 | -0.49 | -0.0328 | | | -0.02 | 0.0003 | | | 0.12 | 0.0109 | | |
| 50635_03 | -0.13 | -0.0142 | | | 0.12 | 0.0008 | | | 0.07 | 0.0060 | | |
| 50635_04 | 0.33 | 0.0099 | | | 0.27 | 0.0192 | | | 0.21 | 0.0167 | | |
| 50635_05 | 0.61 | 0.0375 | | | 0.43 | 0.0364 | | | 0.30 | 0.0264 | | |

UIN=Unique Item Number; Delta=Mantel-Haenszel *delta* statistic; SMD=Standardized Mean Difference statistic;
 Sig=denotes whether the Delta value is significantly different across compared groups and by what degree (B/BB denotes intermediate DIF, C/CC denotes large DIF); Favor=which subgroup the DIF favors (B=black, W=white, H=Hispanic, M=male, F=female)

Table B.2 Grade 8 DIF results

| UIN | Black/White | | | | Hispanic/White | | | | Male/Female | | | |
|----------|-------------|---------|-----|-------|----------------|---------|-----|-------|-------------|---------|-----|-------|
| | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor |
| 80066 | 0.19 | -0.0046 | | | 0.10 | 0.0008 | | | -0.39 | -0.0254 | | |
| 80347 | -0.43 | -0.0473 | | | -0.13 | -0.0139 | | | 0.51 | 0.0466 | | |
| 80575 | -0.04 | -0.0107 | | | 0.33 | 0.0264 | | | 0.17 | 0.0174 | | |
| 80608 | N/A | -0.1511 | BB | W | N/A | -0.2009 | BB | W | N/A | -0.0015 | | |
| 80609 | -0.32 | -0.0138 | | | -0.02 | 0.0115 | | | 0.44 | 0.0345 | | |
| 80610 | -0.23 | -0.0091 | | | 0.24 | 0.0147 | | | 0.11 | 0.0067 | | |
| 80624 | -0.33 | -0.0104 | | | -0.53 | -0.0329 | | | 0.11 | 0.0081 | | |
| 80625 | 0.00 | -0.0096 | | | -0.06 | -0.0073 | | | 0.95 | 0.0745 | | |
| 80632 | -0.04 | -0.0101 | | | 0.56 | 0.0395 | | | 0.51 | 0.0267 | | |
| 80642 | 0.22 | 0.0241 | | | 0.69 | 0.0641 | | | 0.41 | 0.0333 | | |
| 80649 | N/A | -0.1764 | BB | W | N/A | -0.0821 | | | N/A | -0.0006 | | |
| 80660 | 0.07 | 0.0256 | | | -0.05 | 0.0013 | | | 0.28 | 0.0270 | | |
| 80661 | 0.23 | 0.0210 | | | 0.12 | 0.0129 | | | 0.50 | 0.0422 | | |
| 80743 | N/A | -0.0517 | | | N/A | -0.0306 | | | N/A | 0.2233 | CC | F |
| 80745 | N/A | -0.0679 | | | N/A | -0.1346 | | | N/A | 0.0435 | | |
| 80747 | N/A | 0.0957 | | | N/A | 0.0035 | | | N/A | 0.1319 | | |
| 80748 | -0.15 | -0.0162 | | | 0.19 | 0.0068 | | | -0.87 | -0.0624 | | |
| 80749 | -0.65 | -0.0443 | | | -0.58 | -0.0525 | | | 0.10 | 0.0097 | | |
| 80765 | -0.30 | -0.0226 | | | -0.03 | 0.0148 | | | -0.19 | -0.0140 | | |
| 80775 | 0.93 | 0.0598 | | | 0.92 | 0.0652 | | | 0.52 | 0.0386 | | |
| 80154_01 | 0.82 | 0.0687 | | | 0.33 | 0.0356 | | | 0.67 | 0.0504 | | |
| 80154_03 | 0.64 | 0.0416 | | | 0.72 | 0.0523 | | | 0.26 | 0.0180 | | |
| 80154_04 | 0.49 | 0.0327 | | | 0.60 | 0.0571 | | | -0.35 | -0.0332 | | |
| 80154_05 | -0.34 | -0.0399 | | | -0.66 | -0.0670 | | | 0.39 | 0.0285 | | |
| 80154_06 | 0.46 | 0.0488 | | | 0.58 | 0.0592 | | | -0.19 | -0.0179 | | |
| 80154_08 | N/A | -0.1801 | BB | W | N/A | -0.0995 | | | N/A | 0.1174 | | |
| 80671_01 | 0.22 | 0.0078 | | | 0.23 | 0.0158 | | | 0.71 | 0.0465 | | |
| 80671_02 | -0.26 | -0.0245 | | | -0.30 | -0.0161 | | | -0.18 | -0.0186 | | |
| 80671_03 | -0.40 | -0.0267 | | | -0.42 | -0.0172 | | | -0.12 | -0.0075 | | |
| 80671_04 | -0.39 | -0.0222 | | | 0.04 | 0.0072 | | | 0.30 | 0.0289 | | |
| 80671_05 | -0.79 | -0.0515 | | | -0.82 | -0.0630 | | | -0.09 | -0.0072 | | |
| 80671_06 | N/A | -0.0866 | | | N/A | -0.1046 | | | N/A | 0.1370 | BB | F |
| 80672_01 | 0.26 | 0.0190 | | | 0.26 | 0.0177 | | | 0.51 | 0.0472 | | |
| 80672_02 | 0.00 | 0.0125 | | | -0.17 | -0.0115 | | | 0.12 | 0.0156 | | |
| 80672_03 | 0.18 | 0.0272 | | | 0.46 | 0.0442 | | | 0.02 | 0.0023 | | |
| 80672_04 | 0.49 | 0.0138 | | | 0.31 | 0.0156 | | | 0.15 | 0.0168 | | |
| 80672_05 | 0.11 | -0.0045 | | | 0.29 | 0.0277 | | | 0.13 | 0.0089 | | |
| 80672_06 | N/A | 0.0066 | | | N/A | 0.0351 | | | N/A | 0.2352 | BB | F |
| 80674_01 | -0.09 | -0.0087 | | | 0.04 | -0.0075 | | | -0.39 | -0.0365 | | |
| 80674_02 | -0.33 | -0.0313 | | | -0.48 | -0.0408 | | | -0.63 | -0.0516 | | |
| 80674_03 | 0.59 | 0.0389 | | | 0.67 | 0.0530 | | | -0.30 | -0.0182 | | |
| 80674_04 | 0.33 | 0.0513 | | | 0.50 | 0.0555 | | | -0.12 | -0.0118 | | |
| 80674_05 | 0.15 | 0.0181 | | | -0.21 | -0.0062 | | | -0.74 | -0.0563 | | |
| 80674_06 | N/A | -0.0126 | | | N/A | 0.0746 | | | N/A | 0.1579 | BB | F |
| 80675_01 | 0.24 | 0.0179 | | | 0.01 | 0.0038 | | | -0.14 | -0.0134 | | |
| 80675_02 | 0.28 | 0.0296 | | | 0.19 | 0.0225 | | | -0.31 | -0.0281 | | |
| 80675_03 | 0.56 | 0.0369 | | | 0.50 | 0.0280 | | | 0.04 | 0.0019 | | |
| 80675_04 | 0.07 | 0.0063 | | | 0.14 | 0.0070 | | | 0.05 | 0.0050 | | |

| UIN | Black/White | | | | Hispanic/White | | | | Male/Female | | | |
|----------|-------------|---------|-----|-------|----------------|---------|-----|-------|-------------|---------|-----|-------|
| | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor | Delta | SMD | Sig | Favor |
| 80675_05 | -0.07 | -0.0122 | | | -0.29 | -0.0304 | | | -0.42 | -0.0313 | | |
| 80675_07 | N/A | -0.0035 | | | N/A | 0.0119 | | | N/A | 0.1780 | BB | F |
| 80690_01 | -0.03 | -0.0176 | | | -0.06 | -0.0190 | | | -0.05 | -0.0052 | | |
| 80690_02 | -0.65 | -0.0541 | | | 0.15 | 0.0152 | | | 0.66 | 0.0673 | | |
| 80690_03 | -0.49 | -0.0314 | | | 0.26 | 0.0273 | | | 0.13 | 0.0133 | | |
| 80690_04 | 0.09 | 0.0001 | | | 0.27 | 0.0262 | | | -0.34 | -0.0266 | | |
| 80691_02 | -0.51 | -0.0290 | | | -0.66 | -0.0470 | | | -0.18 | -0.0133 | | |
| 80691_03 | 0.13 | -0.0078 | | | 0.65 | 0.0566 | | | -0.24 | -0.0193 | | |
| 80691_04 | 0.49 | 0.0509 | | | 0.58 | 0.0609 | | | -0.49 | -0.0442 | | |
| 80691_05 | -0.32 | -0.0017 | | | 0.26 | 0.0334 | | | -0.15 | -0.0092 | | |
| 80692_01 | 0.22 | 0.0333 | | | 0.12 | 0.0201 | | | 0.10 | 0.0071 | | |
| 80692_02 | 0.34 | 0.0234 | | | -0.40 | -0.0303 | | | 0.17 | 0.0147 | | |
| 80692_03 | 0.46 | 0.0451 | | | 0.35 | 0.0325 | | | 0.33 | 0.0340 | | |
| 80692_04 | 0.32 | 0.0188 | | | -0.07 | -0.0087 | | | -0.74 | -0.0669 | | |
| 80694_02 | -0.22 | -0.0239 | | | -0.77 | -0.0561 | | | 0.06 | 0.0077 | | |
| 80694_03 | 0.21 | 0.0341 | | | 0.31 | 0.0439 | | | 0.26 | 0.0276 | | |
| 80694_04 | -0.64 | -0.0650 | | | -0.40 | -0.0463 | | | 0.05 | 0.0047 | | |
| 80694_05 | 0.37 | 0.0234 | | | 0.55 | 0.0452 | | | -0.13 | -0.0145 | | |
| 80696_01 | 0.78 | 0.0764 | | | 0.12 | 0.0157 | | | 0.55 | 0.0506 | | |
| 80696_02 | 0.59 | 0.0471 | | | -0.19 | -0.0211 | | | 0.41 | 0.0377 | | |
| 80696_03 | 0.20 | 0.0125 | | | 0.25 | 0.0177 | | | -0.45 | -0.0307 | | |
| 80696_04 | 0.80 | 0.0812 | | | 1.28 | 0.1176 | B | H | 0.49 | 0.0444 | | |
| 80697_01 | -0.07 | -0.0162 | | | -0.28 | -0.0227 | | | 0.59 | 0.0471 | | |
| 80697_02 | 0.18 | 0.0100 | | | -0.07 | 0.0005 | | | -0.03 | -0.0027 | | |
| 80697_04 | 0.27 | 0.0186 | | | 0.32 | 0.0203 | | | -0.02 | -0.0022 | | |
| 80697_05 | 0.55 | 0.0519 | | | 0.04 | 0.0075 | | | 0.09 | 0.0086 | | |
| 80698_02 | 0.01 | 0.0080 | | | 0.72 | 0.0575 | | | -0.24 | -0.0151 | | |
| 80698_03 | 0.48 | 0.0363 | | | 0.75 | 0.0654 | | | -0.54 | -0.0513 | | |
| 80698_04 | -0.03 | -0.0079 | | | -0.24 | -0.0259 | | | -0.24 | -0.0237 | | |
| 80698_05 | 0.12 | 0.0184 | | | 0.67 | 0.0591 | | | -0.75 | -0.0730 | | |
| 80701_01 | -0.34 | -0.0090 | | | -0.04 | 0.0063 | | | -0.23 | -0.0147 | | |
| 80701_02 | 0.25 | 0.0312 | | | 0.43 | 0.0487 | | | -0.17 | -0.0165 | | |
| 80701_03 | 0.27 | 0.0523 | | | 0.58 | 0.0647 | | | 0.33 | 0.0278 | | |
| 80701_05 | 0.54 | 0.0127 | | | -0.35 | -0.0274 | | | -0.32 | -0.0193 | | |
| 80702_01 | 0.31 | 0.0314 | | | 0.70 | 0.0568 | | | -0.59 | -0.0490 | | |
| 80702_02 | 0.15 | 0.0102 | | | 1.12 | 0.0784 | B | H | -0.15 | -0.0080 | | |
| 80702_03 | -0.02 | 0.0122 | | | 0.24 | 0.0224 | | | -0.96 | -0.0834 | | |
| 80702_04 | -0.23 | -0.0107 | | | -0.69 | -0.0478 | | | -0.03 | 0.0017 | | |
| 80704_01 | -0.34 | -0.0296 | | | -0.53 | -0.0304 | | | -0.07 | -0.0055 | | |
| 80704_02 | 0.03 | 0.0015 | | | -0.04 | 0.0029 | | | -0.74 | -0.0642 | | |
| 80704_05 | 0.58 | 0.0534 | | | -0.07 | -0.0046 | | | 0.10 | 0.0105 | | |
| 80704_06 | 0.03 | 0.0157 | | | 0.39 | 0.0436 | | | 0.97 | 0.0768 | | |
| 80711_01 | 0.50 | 0.0344 | | | 0.14 | 0.0154 | | | -0.04 | -0.0007 | | |
| 80711_02 | 0.03 | -0.0026 | | | 0.21 | 0.0195 | | | 0.35 | 0.0340 | | |
| 80711_04 | 0.20 | 0.0000 | | | 0.00 | -0.0109 | | | -0.13 | -0.0101 | | |
| 80711_05 | 0.87 | 0.0609 | | | 0.30 | 0.0229 | | | 0.29 | 0.0274 | | |
| 80715_01 | -0.01 | -0.0061 | | | -0.29 | -0.0238 | | | -0.83 | -0.0589 | | |
| 80715_02 | -0.20 | -0.0135 | | | -0.84 | -0.0816 | | | -0.27 | -0.0239 | | |
| 80715_03 | 0.62 | 0.0552 | | | 1.07 | 0.0974 | B | H | -0.27 | -0.0187 | | |
| 80715_04 | 0.33 | 0.0296 | | | -0.23 | -0.0261 | | | 0.17 | 0.0138 | | |

| UIN | Black/White | | | | Hispanic/White | | | | Male/Female | | | |
|------------|--------------------|------------|------------|------------|-----------------------|------------|------------|------------|--------------------|------------|------------|------------|
| | Delta | SMD | Sig | UIN | Delta | SMD | Sig | UIN | Delta | SMD | Sig | UIN |
| 80716_02 | 0.30 | 0.0448 | | | 0.67 | 0.0614 | | | 0.46 | 0.0442 | | |
| 80716_03 | 0.60 | 0.0541 | | | 0.54 | 0.0545 | | | 0.21 | 0.0192 | | |
| 80716_04 | 0.84 | 0.0483 | | | 0.84 | 0.0488 | | | 0.12 | 0.0047 | | |
| 80716_05 | 0.22 | 0.0060 | | | 0.75 | 0.0632 | | | -0.34 | -0.0279 | | |
| 80721_01 | 0.62 | 0.0624 | | | 0.15 | 0.0262 | | | 0.56 | 0.0564 | | |
| 80721_02 | -0.61 | -0.0670 | | | 0.09 | -0.0009 | | | -0.64 | -0.0401 | | |
| 80721_04 | 0.14 | 0.0284 | | | -0.75 | -0.0410 | | | -0.14 | -0.0069 | | |
| 80721_05 | 0.01 | 0.0299 | | | 0.10 | 0.0160 | | | -0.08 | -0.0066 | | |
| 80731_01 | -0.95 | -0.0780 | | | -1.12 | -0.0927 | B | W | 0.35 | 0.0253 | | |
| 80731_02 | -0.37 | -0.0397 | | | -0.77 | -0.0780 | | | -0.22 | -0.0184 | | |
| 80731_03 | 0.05 | 0.0163 | | | -0.09 | -0.0119 | | | 0.02 | 0.0010 | | |
| 80731_04 | 0.23 | 0.0181 | | | -0.07 | 0.0020 | | | 0.19 | 0.0110 | | |

UIN=Unique Item Number; Delta=Mantel-Haenszel *delta* statistic; SMD=Standardized Mean Difference statistic;
 Sig=denotes whether the Delta value is significantly different across compared groups and by what degree (B/BB
 denotes intermediate DIF, C/CC denotes large DIF); Favor=which subgroup the DIF favors (B=black, W=white,
 H=Hispanic, M=male, F=female)