|          | Original and first 4 sampled coefficient vectors |           |           |           |           |           |           |           |           |  |  |  |
|----------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|--|
|          | Intercept  | Age       | SEXF      | RHISP     | RBLK      | ROTH      | PT41      | PT42      | PT43      |  |  |  |
| Original | -1.514983  | 0.026261  | 0.1104811 | -0.08185  | -0.559713 | -0.975096 | -0.56034  | 0.050437  | -0.387668 |  |  |  |
| Sample 1 | -1.090475  | 0.019435  | 0.3195076 | -0.129123 | -0.288508 | -0.769668 | 0.0122024 | -0.078323 | -0.063195 |  |  |  |
| Sample 2 | -1.678749  | 0.0201555 | 0.5504117 | 0.1075037 | -0.807104 | -0.228246 | -0.483396 | 0.1339461 | -0.229332 |  |  |  |
| Sample 3 | -1.689716  | 0.0303468 | -0.105727 | -0.178778 | -0.634398 | -1.72134  | -0.353188 | -0.152746 | -0.487796 |  |  |  |
| Sample 4 | -0.449964  | 0.0171116 | -0.196109 | 0.1626851 | -0.159642 | -0.194274 | -0.401064 | 0.5411135 | -0.3738   |  |  |  |

|          | Original and first 4 sampled coefficient vectors |           |           |           |           |           |           |           |           |  |  |
|----------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|
|          | PT44   | PT45      | PT46      | PT48      | PT50      | PT50_1    | PT51      | PT55      | PT209     |  |  |
| Original | 0.1147767  | -0.161415 | 0.599316  | 0.0779635 | 0.4687373 | 0.4591334 | 0.1683357 | -0.223708 | 0.3663829 |  |  |
| Sample 1 | 0.1770931  | -0.70792  | 0.730338  | 0.3496921 | 0.1877639 | 0.2973847 | 0.007617  | -0.051647 | 0.5559232 |  |  |
| Sample 2 | -0.255395  | -0.677397 | 0.4967843 | 0.386085  | 0.9113166 | 0.2710728 | -0.147793 | -0.006449 | 0.4855161 |  |  |
| Sample 3 | 0.0542388  | -0.093877 | 0.6281218 | 0.2976076 | 0.8896064 | 0.6575893 | -0.275702 | -0.58987  | 0.3735038 |  |  |
| Sample 4 | 0.2574528  | -0.423696 | 0.8301709 | -0.149409 | 0.8447707 | 0.172357  | -0.100463 | -0.00947  | 0.2557234 |  |  |

|          | Original and first 4 sampled coefficient vectors |           |           |           |           |           |  |  |  |  |  |  |
|----------|--|-----------|-----------|-----------|-----------|-----------|--|--|--|--|--|--|
|          | PT211 PT212 PT213 PT214 PT233                    |           |           |           |           |           |  |  |  |  |  |  |
| Original | -0.058089  | 0.2516196 | 0.1158511 | 0.6399657 | 0.8653777 | 0.1323303 |  |  |  |  |  |  |
| Sample 1 | 0.0838216  | -0.079603 | -0.059307 | 0.7438903 | 0.5791987 | 0.1205132 |  |  |  |  |  |  |
| Sample 2 | -0.338228  | 0.7082773 | 0.0998828 | 0.4691673 | 1.2291633 | 0.0954735 |  |  |  |  |  |  |
| Sample 3 | -0.059737  | 0.0712538 | 0.0857325 | 0.7545701 | 1.0648332 | 0.3114674 |  |  |  |  |  |  |
| Sample 4 | 0.1995548  | 0.1926774 | -0.012349 | 0.5395769 | 0.7194298 | -0.379561 |  |  |  |  |  |  |

| compare_means |           |           |           |           |           |           |           |           |  |  |
|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|
|               | Intercept | Age       | SEXF      | RHISP     | RBLK      | ROTH      | PT41      | PT42      |  |  |
| Sample Mean   | -1.513292 | 0.0262456 | 0.1098386 | -0.082494 | -0.559146 | -0.97585  | -0.560607 | 0.0509157 |  |  |
| Their Betas   | -1.514983 | 0.026261  | 0.1104811 | -0.08185  | -0.559713 | -0.975096 | -0.56034  | 0.050437  |  |  |

|   | compare_means  |           |           |           |           |           |           |           |  |  |  |
|---|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|--|
| PT43 PT44 PT45 PT46 PT48 PT50 PT50_1 PT51 |  |           |           |           |           |           |           |           |  |  |  |
| Sample Mean                               | -0.386907  | 0.1140069 | -0.162086 | 0.6006044 | 0.0764778 | 0.4693669 | 0.4584361 | 0.1685134 |  |  |  |
| Their Betas                               | Their Betas         -0.387668         0.1147767         -0.161415         0.599316         0.0779635         0.4687373         0.4591334         0.1683357 |           |           |           |           |           |           |           |  |  |  |

|   | compare_means |           |           |           |           |           |           |           |  |  |  |
|---|---------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--|--|--|
| PT55 PT209 PT211 PT212 PT213 PT214 PT233 PT23   |               |           |           |           |           |           |           |           |  |  |  |
| Sample Mean         -0.224673         0.3656255         -0.057611         0.2517536         0.115223         0.6402166         0.8662706         0.132857 |               |           |           |           |           |           |           |           |  |  |  |
| Their Betas   | -0.223708     | 0.3663829 | -0.058089 | 0.2516196 | 0.1158511 | 0.6399657 | 0.8653777 | 0.1323303 |  |  |  |

|           |           |           |           | Samp      | oleCov    |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|           | Intercept | Age       | SEXF      | RHISP     | RBLK      | ROTH      | PT41      | PT42      | PT43      |
| Intercept | 0.3883286 | -0.003586 | -0.058371 | -0.000582 | 0.0035931 | 0.0356589 | 0.0303227 | 0.0469511 | -0.012383 |
| Age       | -0.003586 | 0.0000844 | -0.000038 | 0.0000618 | 0.0001505 | -0.00078  | 1.0566E-6 | -0.000544 | 0.00002   |
| SEXF      | -0.058371 | -0.000038 | 0.0915357 | 0.007194  | -0.020188 | 0.0120998 | 0.0014489 | -0.029114 | 0.0138992 |
| RHISP     | -0.000582 | 0.0000618 | 0.007194  | 0.1730415 | 0.0161191 | 0.0150564 | -0.015742 | -0.014766 | -0.004196 |
| RBLK      | 0.0035931 | 0.0001505 | -0.020188 | 0.0161191 | 0.0863457 | 0.0266948 | 0.0137206 | 0.0081072 | -0.001023 |
| ROTH      | 0.0356589 | -0.00078  | 0.0120998 | 0.0150564 | 0.0266948 | 0.2801452 | 0.0530808 | 0.0129282 | -0.003289 |
| PT41      | 0.0303227 | 1.0566E-6 | 0.0014489 | -0.015742 | 0.0137206 | 0.0530808 | 0.138311  | 0.0085289 | -0.009785 |
| PT42      | 0.0469511 | -0.000544 | -0.029114 | -0.014766 | 0.0081072 | 0.0129282 | 0.0085289 | 0.0845106 | 0.0067811 |
| PT43      | -0.012383 | 0.00002   | 0.0138992 | -0.004196 | -0.001023 | -0.003289 | -0.009785 | 0.0067811 | 0.0913487 |
| PT44      | -0.03787  | -0.000104 | 0.0315466 | 0.0040976 | -0.009221 | -0.005492 | -0.014301 | -0.026338 | -0.006314 |
| PT45      | -0.007445 | 0.0005142 | -0.022055 | 0.0083759 | 0.002067  | -0.007731 | -0.025211 | -0.025111 | -0.000631 |
| PT46      | -0.019105 | -2.696E-6 | -0.014615 | 0.0013197 | 0.0029271 | -0.00824  | -0.015126 | 0.0080245 | -0.001781 |
| PT48      | -0.027108 | -0.000065 | -0.00032  | -0.009445 | -0.003402 | -0.020309 | -0.002834 | -0.011531 | -0.003661 |
| PT50      | -0.023281 | 0.0002329 | 0.0027026 | -0.004591 | -0.003203 | -0.018669 | -0.018652 | -0.005617 | 0.003576  |
| PT50_1    | -0.0127   | 0.0002289 | 0.0014202 | -0.016314 | -0.013411 | -0.027825 | -0.04532  | -0.012396 | -0.004861 |
| PT51      | -0.00667  | 2.9269E-6 | 0.002478  | 0.0052872 | 0.00454   | 0.0014074 | -0.021605 | 0.002165  | -0.00853  |
| PT55      | 0.0151924 | -0.000539 | 0.0046437 | -0.000406 | 0.0009762 | 0.0072966 | -0.002872 | 0.0053258 | 0.0053068 |
| PT209     | -0.051625 | 0.0003238 | 0.0011763 | -0.004537 | -0.000414 | 0.0020374 | -0.01386  | -0.000344 | -0.008434 |
| PT211     | -0.016307 | -0.000166 | -0.00296  | 0.001831  | 0.0034129 | 0.0018265 | -0.006028 | 0.0074493 | 0.0037643 |
| PT212     | -0.046507 | -9.541E-6 | 0.0024481 | 0.0116328 | -0.005113 | -0.000273 | 0.0029021 | -0.002227 | -0.007494 |
| PT213     | -0.023948 | 0.0002461 | -0.002586 | -0.010394 | 0.0049285 | -0.002311 | 0.0045714 | -0.005251 | -0.000113 |
| PT214     | 0.0045156 | -0.000217 | 0.0097198 | 0.0080593 | -0.010434 | 0.0113342 | -0.002471 | -0.001566 | 0.0001921 |
| PT233     | -0.05708  | 0.0001701 | -0.00255  | -0.017218 | -0.003503 | 0.0000303 | -0.002832 | -0.002964 | 0.0058089 |
| PT237     | -0.025159 | 0.0000294 | 0.0023215 | 0.000183  | -0.008028 | -0.02979  | -0.004017 | -0.003088 | 0.0003229 |

|           |           |           |           | Samı      | oleCov    |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|           | PT44      | PT45      | PT46      | PT48      | PT50      | PT50_1    | PT51      | PT55      | PT209     |
| Intercept | -0.03787  | -0.007445 | -0.019105 | -0.027108 | -0.023281 | -0.0127   | -0.00667  | 0.0151924 | -0.051625 |
| Age       | -0.000104 | 0.0005142 | -2.696E-6 | -0.000065 | 0.0002329 | 0.0002289 | 2.9269E-6 | -0.000539 | 0.0003238 |
| SEXF      | 0.0315466 | -0.022055 | -0.014615 | -0.00032  | 0.0027026 | 0.0014202 | 0.002478  | 0.0046437 | 0.0011763 |
| RHISP     | 0.0040976 | 0.0083759 | 0.0013197 | -0.009445 | -0.004591 | -0.016314 | 0.0052872 | -0.000406 | -0.004537 |
| RBLK      | -0.009221 | 0.002067  | 0.0029271 | -0.003402 | -0.003203 | -0.013411 | 0.00454   | 0.0009762 | -0.000414 |
| ROTH      | -0.005492 | -0.007731 | -0.00824  | -0.020309 | -0.018669 | -0.027825 | 0.0014074 | 0.0072966 | 0.0020374 |
| PT41      | -0.014301 | -0.025211 | -0.015126 | -0.002834 | -0.018652 | -0.04532  | -0.021605 | -0.002872 | -0.01386  |
| PT42      | -0.026338 | -0.025111 | 0.0080245 | -0.011531 | -0.005617 | -0.012396 | 0.002165  | 0.0053258 | -0.000344 |
| PT43      | -0.006314 | -0.000631 | -0.001781 | -0.003661 | 0.003576  | -0.004861 | -0.00853  | 0.0053068 | -0.008434 |
| PT44      | 0.0741866 | -0.00473  | -0.003177 | 0.0005479 | -0.005169 | 0.0034269 | -0.010785 | -0.001609 | 0.0055253 |
| PT45      | -0.00473  | 0.0795938 | -0.016338 | -0.005504 | 0.0049468 | 0.0078191 | -0.000388 | -0.011307 | -0.003037 |
| PT46      | -0.003177 | -0.016338 | 0.067078  | 0.004494  | 0.0010472 | -0.004775 | 0.0100978 | -0.004588 | 0.002323  |
| PT48      | 0.0005479 | -0.005504 | 0.004494  | 0.059652  | -0.00247  | 0.0102335 | -0.010672 | 0.0165916 | -0.005622 |
| PT50      | -0.005169 | 0.0049468 | 0.0010472 | -0.00247  | 0.0910245 | -0.010862 | -0.00061  | -0.010608 | 0.0076138 |
| PT50_1    | 0.0034269 | 0.0078191 | -0.004775 | 0.0102335 | -0.010862 | 0.0820177 | 0.0032912 | 0.0068986 | 0.0010658 |
| PT51      | -0.010785 | -0.000388 | 0.0100978 | -0.010672 | -0.00061  | 0.0032912 | 0.0620973 | -0.010282 | 0.0078413 |
| PT55      | -0.001609 | -0.011307 | -0.004588 | 0.0165916 | -0.010608 | 0.0068986 | -0.010282 | 0.0936346 | -0.01254  |
| PT209     | 0.0055253 | -0.003037 | 0.002323  | -0.005622 | 0.0076138 | 0.0010658 | 0.0078413 | -0.01254  | 0.0617086 |
| PT211     | -0.003941 | 0.0050024 | 0.0016791 | -0.005298 | 0.0075029 | -0.005078 | 0.0017525 | -0.008934 | 0.0054052 |
| PT212     | 0.004767  | -0.006611 | 0.0047057 | 0.0037147 | -0.0034   | -0.001917 | 0.0024635 | 0.0024649 | 0.0072874 |
| PT213     | 0.0050995 | 0.0048179 | -0.013335 | -0.010732 | -0.001072 | -0.012429 | -0.003775 | -0.017394 | 0.0090942 |
| PT214     | 0.0029586 | -0.002655 | 0.0045873 | -0.00679  | 0.0019607 | -0.00517  | 0.000988  | -0.00611  | -0.007726 |
| PT233     | 0.0046876 | -0.00085  | 0.010192  | 0.0006707 | 0.0077457 | -0.005174 | -0.008894 | 0.0046017 | -0.010302 |
| PT237     | 0.0000591 | -0.005845 | 0.0041529 | 0.0162098 | -0.007712 | 0.0074514 | -0.011094 | 0.0136282 | -0.009073 |

|           |           |           | SampleCov | 1         |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|           | PT211     | PT212     | PT213     | PT214     | PT233     | PT237     |
| Intercept | -0.016307 | -0.046507 | -0.023948 | 0.0045156 | -0.05708  | -0.025159 |
| Age       | -0.000166 | -9.541E-6 | 0.0002461 | -0.000217 | 0.0001701 | 0.0000294 |
| SEXF      | -0.00296  | 0.0024481 | -0.002586 | 0.0097198 | -0.00255  | 0.0023215 |
| RHISP     | 0.001831  | 0.0116328 | -0.010394 | 0.0080593 | -0.017218 | 0.000183  |
| RBLK      | 0.0034129 | -0.005113 | 0.0049285 | -0.010434 | -0.003503 | -0.008028 |
| ROTH      | 0.0018265 | -0.000273 | -0.002311 | 0.0113342 | 0.0000303 | -0.02979  |
| PT41      | -0.006028 | 0.0029021 | 0.0045714 | -0.002471 | -0.002832 | -0.004017 |
| PT42      | 0.0074493 | -0.002227 | -0.005251 | -0.001566 | -0.002964 | -0.003088 |
| PT43      | 0.0037643 | -0.007494 | -0.000113 | 0.0001921 | 0.0058089 | 0.0003229 |
| PT44      | -0.003941 | 0.004767  | 0.0050995 | 0.0029586 | 0.0046876 | 0.0000591 |
| PT45      | 0.0050024 | -0.006611 | 0.0048179 | -0.002655 | -0.00085  | -0.005845 |
| PT46      | 0.0016791 | 0.0047057 | -0.013335 | 0.0045873 | 0.010192  | 0.0041529 |
| PT48      | -0.005298 | 0.0037147 | -0.010732 | -0.00679  | 0.0006707 | 0.0162098 |
| PT50      | 0.0075029 | -0.0034   | -0.001072 | 0.0019607 | 0.0077457 | -0.007712 |
| PT50_1    | -0.005078 | -0.001917 | -0.012429 | -0.00517  | -0.005174 | 0.0074514 |
| PT51      | 0.0017525 | 0.0024635 | -0.003775 | 0.000988  | -0.008894 | -0.011094 |
| PT55      | -0.008934 | 0.0024649 | -0.017394 | -0.00611  | 0.0046017 | 0.0136282 |
| PT209     | 0.0054052 | 0.0072874 | 0.0090942 | -0.007726 | -0.010302 | -0.009073 |
| PT211     | 0.0679061 | -0.009639 | -0.007146 | -0.004056 | -0.013649 | -0.002695 |
| PT212     | -0.009639 | 0.080348  | -0.013076 | -0.002992 | -0.008816 | -0.003119 |
| PT213     | -0.007146 | -0.013076 | 0.0746965 | -0.002465 | -0.004544 | -0.011942 |
| PT214     | -0.004056 | -0.002992 | -0.002465 | 0.0591327 | 0.0052788 | -0.014479 |
| PT233     | -0.013649 | -0.008816 | -0.004544 | 0.0052788 | 0.0953973 | -0.001715 |
| PT237     | -0.002695 | -0.003119 | -0.011942 | -0.014479 | -0.001715 | 0.0664252 |

|           |           |           |           | cov       | diff      |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|           | Intercept | Age       | SEXF      | RHISP     | RBLK      | ROTH      | PT41      | PT42      | PT43      |
| Intercept | 0.0004149 | -8.919E-6 | -0.000436 | -0.001378 | 0.0005472 | -0.001935 | -0.000476 | -0.000105 | 0.0002094 |
| Age       | -8.919E-6 | 2.329E-7  | -0.000013 | 0.0000288 | -6.956E-7 | 0.0000168 | -7.709E-7 | 5.4209E-6 | 5.5671E-6 |
| SEXF      | -0.000436 | -0.000013 | 0.0006135 | -0.000432 | 0.0000278 | 0.000422  | 0.0002007 | 0.000032  | 0.0002451 |
| RHISP     | -0.001378 | 0.0000288 | -0.000432 | 0.000792  | 0.0005994 | 0.0009439 | -0.000554 | 0.0004996 | 0.0001993 |
| RBLK      | 0.0005472 | -6.956E-7 | 0.0000278 | 0.0005994 | -0.00011  | 0.0003477 | -0.000354 | 0.0003715 | 0.0000612 |
| ROTH      | -0.001935 | 0.0000168 | 0.000422  | 0.0009439 | 0.0003477 | 0.0018556 | -0.000411 | 0.0006107 | -0.000141 |
| PT41      | -0.000476 | -7.709E-7 | 0.0002007 | -0.000554 | -0.000354 | -0.000411 | 0.0001089 | 0.0001354 | 0.0007881 |
| PT42      | -0.000105 | 5.4209E-6 | 0.000032  | 0.0004996 | 0.0003715 | 0.0006107 | 0.0001354 | -0.000174 | -0.000768 |
| PT43      | 0.0002094 | 5.5671E-6 | 0.0002451 | 0.0001993 | 0.0000612 | -0.000141 | 0.0007881 | -0.000768 | -0.000297 |
| PT44      | 0.0001703 | -0.000014 | 0.0001352 | -0.000444 | -0.000123 | 0.0001703 | -0.000055 | 0.0004853 | 2.1999E-6 |
| PT45      | 0.0003173 | 4.815E-6  | -0.000044 | -0.000128 | -0.000311 | -0.000435 | 0.0001204 | 0.000111  | 0.0002768 |
| PT46      | -0.000817 | 6.5205E-6 | 0.0002079 | 0.0001305 | 0.000358  | 0.0001998 | -0.000278 | -0.000241 | -0.000319 |
| PT48      | -0.00046  | 2.8473E-6 | 0.000086  | -0.000377 | -0.000295 | 0.0001792 | -0.000138 | -0.00005  | 0.0001789 |
| PT50      | 0.0012837 | -0.000012 | -0.000601 | 0.0006482 | -0.00019  | -0.000453 | -0.000374 | -0.000182 | -0.000234 |
| PT50_1    | 0.0001269 | -3.38E-6  | 0.0001933 | 0.0001285 | -0.000255 | -0.000217 | -0.000411 | -0.000316 | -0.000399 |
| PT51      | 0.0000871 | 2.323E-6  | 0.0000512 | 0.0001519 | 0.0002411 | -0.000283 | -0.000438 | -0.000308 | -0.000016 |
| PT55      | 0.0008635 | 4.0639E-6 | -0.00012  | -0.000069 | 0.0001312 | -0.000463 | -0.000097 | -0.000265 | -0.000386 |
| PT209     | 0.0006546 | -8.488E-6 | -0.000104 | 0.000272  | -0.000337 | 0.0005607 | 0.0002252 | 0.0002823 | -0.000117 |
| PT211     | -0.00073  | 0.0000125 | 0.0004619 | 0.0011119 | -0.000084 | 0.0002856 | -0.000416 | -0.000291 | -0.000064 |
| PT212     | 0.0001102 | 0.0000118 | -0.000428 | 0.0000171 | 0.0000984 | -0.000108 | -0.000055 | -0.000194 | -0.000466 |
| PT213     | 0.0004436 | -1.51E-6  | -0.000078 | -0.000124 | 0.000119  | 0.0002522 | 0.0006455 | 0.0003278 | 0.0004702 |
| PT214     | -0.00005  | -6.619E-7 | -0.000191 | 0.0000471 | 0.0003289 | 0.0002168 | 0.0003908 | -0.000282 | 0.0000163 |
| PT233     | 0.0004684 | -3.32E-6  | 0.0000836 | -0.000347 | 0.0000486 | 0.000107  | 0.0002188 | -0.000038 | -0.000227 |
| PT237     | -0.000309 | -5.75E-6  | 0.0004517 | -0.000663 | -0.00056  | -0.00009  | 0.0003773 | 0.0001195 | 0.0000388 |

|           |           |           |           | cov       | _diff     |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|           | PT44      | PT45      | PT46      | PT48      | PT50      | PT50_1    | PT51      | PT55      | PT209     |
| Intercept | 0.0001703 | 0.0003173 | -0.000817 | -0.00046  | 0.0012837 | 0.0001269 | 0.0000871 | 0.0008635 | 0.0006546 |
| Age       | -0.000014 | 4.815E-6  | 6.5205E-6 | 2.8473E-6 | -0.000012 | -3.38E-6  | 2.323E-6  | 4.0639E-6 | -8.488E-6 |
| SEXF      | 0.0001352 | -0.000044 | 0.0002079 | 0.000086  | -0.000601 | 0.0001933 | 0.0000512 | -0.00012  | -0.000104 |
| RHISP     | -0.000444 | -0.000128 | 0.0001305 | -0.000377 | 0.0006482 | 0.0001285 | 0.0001519 | -0.000069 | 0.000272  |
| RBLK      | -0.000123 | -0.000311 | 0.000358  | -0.000295 | -0.00019  | -0.000255 | 0.0002411 | 0.0001312 | -0.000337 |
| ROTH      | 0.0001703 | -0.000435 | 0.0001998 | 0.0001792 | -0.000453 | -0.000217 | -0.000283 | -0.000463 | 0.0005607 |
| PT41      | -0.000055 | 0.0001204 | -0.000278 | -0.000138 | -0.000374 | -0.000411 | -0.000438 | -0.000097 | 0.0002252 |
| PT42      | 0.0004853 | 0.000111  | -0.000241 | -0.00005  | -0.000182 | -0.000316 | -0.000308 | -0.000265 | 0.0002823 |
| PT43      | 2.1999E-6 | 0.0002768 | -0.000319 | 0.0001789 | -0.000234 | -0.000399 | -0.000016 | -0.000386 | -0.000117 |
| PT44      | -0.000262 | -0.000094 | -0.000052 | -0.000178 | 0.0000738 | -0.000033 | 0.0002024 | 0.00008   | -0.000179 |
| PT45      | -0.000094 | 0.0003095 | -0.000107 | -0.000135 | 0.0004784 | -0.000256 | 0.0001355 | 0.0001631 | -0.000301 |
| PT46      | -0.000052 | -0.000107 | 0.0001707 | -0.000037 | 0.0001915 | 0.000345  | 0.000369  | -0.000191 | 0.0000357 |
| PT48      | -0.000178 | -0.000135 | -0.000037 | 0.0005702 | 0.0003565 | 0.0003316 | -0.000227 | 0.0003339 | -0.000123 |
| PT50      | 0.0000738 | 0.0004784 | 0.0001915 | 0.0003565 | -0.000291 | 0.0002979 | -0.000365 | 0.0002236 | -0.000229 |
| PT50_1    | -0.000033 | -0.000256 | 0.000345  | 0.0003316 | 0.0002979 | 0.0007844 | 0.0002844 | 0.0003702 | -0.000054 |
| PT51      | 0.0002024 | 0.0001355 | 0.000369  | -0.000227 | -0.000365 | 0.0002844 | 0.000287  | -0.00044  | 0.000115  |
| PT55      | 0.00008   | 0.0001631 | -0.000191 | 0.0003339 | 0.0002236 | 0.0003702 | -0.00044  | -0.000178 | 0.0000493 |
| PT209     | -0.000179 | -0.000301 | 0.0000357 | -0.000123 | -0.000229 | -0.000054 | 0.000115  | 0.0000493 | -0.00055  |
| PT211     | 0.0002902 | 0.0001454 | -0.000049 | -0.000263 | -0.000102 | -0.000135 | 0.000087  | -0.000519 | 0.0004314 |
| PT212     | 0.0002276 | 0.0001712 | 0.0002287 | 0.0000382 | 0.0000702 | -0.00019  | -0.000262 | -0.000659 | -9.395E-6 |
| PT213     | -0.000116 | -0.000146 | 0.0001674 | -0.000169 | -0.0004   | -0.00011  | -0.000105 | 0.0000289 | -0.000266 |
| PT214     | -0.000015 | 0.0001116 | -0.000157 | -0.000056 | -0.000322 | 0.0000687 | -0.000213 | 0.0001602 | 0.0000643 |
| PT233     | 0.0001617 | -0.000139 | 0.000113  | 0.0002106 | -0.00013  | -0.000058 | -0.00011  | 3.6844E-6 | -0.000081 |
| PT237     | 0.0000445 | -0.000584 | -0.000286 | 0.0004117 | 0.0001638 | -0.000125 | -0.000052 | 0.0001362 | 0.0002401 |

|           |           |           | cov_diff  |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|           | PT211     | PT212     | PT213     | PT214     | PT233     | PT237     |
| Intercept | -0.00073  | 0.0001102 | 0.0004436 | -0.00005  | 0.0004684 | -0.000309 |
| Age       | 0.0000125 | 0.0000118 | -1.51E-6  | -6.619E-7 | -3.32E-6  | -5.75E-6  |
| SEXF      | 0.0004619 | -0.000428 | -0.000078 | -0.000191 | 0.0000836 | 0.0004517 |
| RHISP     | 0.0011119 | 0.0000171 | -0.000124 | 0.0000471 | -0.000347 | -0.000663 |
| RBLK      | -0.000084 | 0.0000984 | 0.000119  | 0.0003289 | 0.0000486 | -0.00056  |
| ROTH      | 0.0002856 | -0.000108 | 0.0002522 | 0.0002168 | 0.000107  | -0.00009  |
| PT41      | -0.000416 | -0.000055 | 0.0006455 | 0.0003908 | 0.0002188 | 0.0003773 |
| PT42      | -0.000291 | -0.000194 | 0.0003278 | -0.000282 | -0.000038 | 0.0001195 |
| PT43      | -0.000064 | -0.000466 | 0.0004702 | 0.0000163 | -0.000227 | 0.0000388 |
| PT44      | 0.0002902 | 0.0002276 | -0.000116 | -0.000015 | 0.0001617 | 0.0000445 |
| PT45      | 0.0001454 | 0.0001712 | -0.000146 | 0.0001116 | -0.000139 | -0.000584 |
| PT46      | -0.000049 | 0.0002287 | 0.0001674 | -0.000157 | 0.000113  | -0.000286 |
| PT48      | -0.000263 | 0.0000382 | -0.000169 | -0.000056 | 0.0002106 | 0.0004117 |
| PT50      | -0.000102 | 0.0000702 | -0.0004   | -0.000322 | -0.00013  | 0.0001638 |
| PT50_1    | -0.000135 | -0.00019  | -0.00011  | 0.0000687 | -0.000058 | -0.000125 |
| PT51      | 0.000087  | -0.000262 | -0.000105 | -0.000213 | -0.00011  | -0.000052 |
| PT55      | -0.000519 | -0.000659 | 0.0000289 | 0.0001602 | 3.6844E-6 | 0.0001362 |
| PT209     | 0.0004314 | -9.395E-6 | -0.000266 | 0.0000643 | -0.000081 | 0.0002401 |
| PT211     | -0.000259 | 0.0002117 | 0.0001208 | -0.000142 | -0.000443 | 0.0000876 |
| PT212     | 0.0002117 | -0.000132 | 0.0000476 | -0.000082 | -0.000295 | 0.0000978 |
| PT213     | 0.0001208 | 0.0000476 | 8.0263E-6 | 0.0003636 | -0.000016 | -0.000505 |
| PT214     | -0.000142 | -0.000082 | 0.0003636 | -0.00081  | 0.0002499 | 0.0003048 |
| PT233     | -0.000443 | -0.000295 | -0.000016 | 0.0002499 | -0.000035 | 0.0000828 |
| PT237     | 0.0000876 | 0.0000978 | -0.000505 | 0.0003048 | 0.0000828 | 0.0003091 |

|      | formula   |  |  |  |  |  |
|------|---|--|--|--|--|--|
|      | COL1  |  |  |  |  |  |
| ROW1 | -1.51498297361024*1+0.0262609658*Age+0.1104810933*SEXF-0.0818504201371*RHISP-0.55971331395173*RBLK-0.97509639671882* ROTH-0.56033951080653*PT41+0.0504370461*PT42-0.38766776502702*PT43+0.1147766672*PT44-0.16141545895381*PT45+0.5993160014* PT46+0.0779635201*PT48+0.4687373148*PT50+0.459133445*PT50_1+0.168335715*PT51-0.22370750540675*PT55+0.366382902* PT209-0.05808871508949*PT211+0.2516195526*PT212+0.1158511369*PT213+0.6399656724*PT214+0.8653777351*PT233+0.1323302609*PT237 |  |  |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method              | Taylor Series           |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 73229.67 |
| Sum of Weights Used         | 7903.466 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 100                | 93.1177         |  |  |  |
| 2                | 14              | 807                | 920.5749        |  |  |  |
| 3                | 15              | 1281               | 1228.5758       |  |  |  |
| 4                | 16              | 1526               | 1727.6015       |  |  |  |
| 5                | 17              | 1548               | 1782.1488       |  |  |  |
| 6                | 18              | 1492               | 1678.6055       |  |  |  |
| 7                | 19              | 346                | 469.9156        |  |  |  |
| 8                | 20              | 1                  | 2.9260          |  |  |  |

#### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 412.4392  | 12 | <.0001 |  |  |  |  |  |

| М         | Model Fit Statistics           |           |  |  |  |  |
|-----------|--------------------------------|-----------|--|--|--|--|
| Criterion | Intercept<br>and<br>Covariates |           |  |  |  |  |
| AIC       | 27836.736                      | 27815.979 |  |  |  |  |
| sc        | 27884.812                      | 27877.791 |  |  |  |  |
| -2 Log L  | 27822.736                      | 27797.979 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |         |   |        |  |  |  |
|--|---------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |         |   |        |  |  |  |
| Likelihood Ratio                       | 24.7566 | 2 | <.0001 |  |  |  |
| Score                                  | 23.2509 | 2 | <.0001 |  |  |  |
| Wald                                   | 1.2914  | 2 | 0.5243 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.5954  | 0.3256            | 199.2421           | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0827  | 0.2132            | 95.4726            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0924  | 0.1887            | 33.5084            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1579  | 0.1941            | 0.6618             | 0.4159     |  |
| Intercept                                | 17 | 1  | 0.8176   | 0.2153            | 14.4230            | 0.0001     |  |
| Intercept                                | 18 | 1  | 2.5954   | 0.3234            | 64.4158            | <.0001     |  |
| Intercept                                | 19 | 1  | 7.7460   | 0.9936            | 60.7779            | <.0001     |  |
| ra_grp_exp                               |    | 1  | 0.1801   | 0.2150            | 0.7015             | 0.4023     |  |
| ra_grp_s8                                |    | 1  | 0.2639   | 0.2324            | 1.2900             | 0.2560     |  |

| Odds Ratio Estimates |                   |       |       |  |  |  |
|----------------------|-------------------|-------|-------|--|--|--|
| Effect               | Point<br>Estimate |       |       |  |  |  |
| ra_grp_exp           | 1.197             | 0.786 | 1.825 |  |  |  |
| ra_grp_s8            | 1.302             | 0.826 | 2.053 |  |  |  |

| Association of Predicted Probabilities and Observed Responses |          |       |       |  |  |
|---|----------|-------|-------|--|--|
| Percent Concordant 35.6 Somers' D                             |          |       |       |  |  |
| Percent Discordant  | 30.3     | Gamma | 0.080 |  |  |
| Percent Tied 34.1 Tau-a 0.04                                  |          |       |       |  |  |
| Pairs   | 20525615 | с     | 0.526 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.105989                    | 0.033003     | 0.039026     | 0.042888     | 0.045246     | 0.051402     | 0.041979     | -0.03934   | -0.0467   |
| Intercept_14 | 0.033003                    | 0.045435     | 0.03609      | 0.032045     | 0.033581     | 0.044372     | 0.043202     | -0.03547   | -0.03414  |
| Intercept_15 | 0.039026                    | 0.03609      | 0.035611     | 0.033736     | 0.035786     | 0.047793     | 0.039252     | -0.03467   | -0.035    |
| Intercept_16 | 0.042888                    | 0.032045     | 0.033736     | 0.037669     | 0.039034     | 0.049502     | 0.035046     | -0.03428   | -0.03655  |
| Intercept_17 | 0.045246                    | 0.033581     | 0.035786     | 0.039034     | 0.046352     | 0.061135     | 0.068367     | -0.0384    | -0.04196  |
| Intercept_18 | 0.051402                    | 0.044372     | 0.047793     | 0.049502     | 0.061135     | 0.104575     | 0.087515     | -0.05151   | -0.06117  |
| Intercept_19 | 0.041979                    | 0.043202     | 0.039252     | 0.035046     | 0.068367     | 0.087515     | 0.987198     | -0.05354   | -0.0849   |
| ra_grp_exp   | -0.03934                    | -0.03547     | -0.03467     | -0.03428     | -0.0384      | -0.05151     | -0.05354     | 0.046218   | 0.037888  |
| ra_grp_s8    | -0.0467                     | -0.03414     | -0.035       | -0.03655     | -0.04196     | -0.06117     | -0.0849      | 0.037888   | 0.053998  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information                         |                         |   |  |  |  |
|---|-------------------------|---|--|--|--|
| Data Set                                  | WORK.FNLPRED_PTSD_YOUTH |   |  |  |  |
| Response Variable                         | f_mh_pts_rec_yt         |   |  |  |  |
| Number of Response Levels                 | 8                       |   |  |  |  |
| Stratum Variable                          | ra_site                 | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata                          | 5                       |   |  |  |  |
| Cluster Variable f_svy_bl_tract_masked_id |                         | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters                        | 116                     |   |  |  |  |
| Weight Variable                           | f_wt_totsvy             | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                                     | Cumulative Logit        |   |  |  |  |
| Optimization Technique Fisher's Scoring   |                         |   |  |  |  |
| Variance Adjustment                       | Degrees of Freedom (DF) |   |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 407.7468 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 8                  | 8.423639        |  |  |  |
| 2                | 14              | 44                 | 49.631204       |  |  |  |
| 3                | 15              | 68                 | 68.996120       |  |  |  |
| 4                | 16              | 78                 | 85.617361       |  |  |  |
| 5                | 17              | 80                 | 93.687643       |  |  |  |
| 6                | 18              | 67                 | 75.941384       |  |  |  |

### **Domain Analysis for domain Imputation Number=1**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 19                 | 25.449497       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 35.1533   | 12 | 0.0004 |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |  |
| AIC                  | 1472.850          | 1475.617                       |  |  |  |  |
| sc                   | 1520.926          | 1537.429                       |  |  |  |  |
| -2 Log L             | 1458.850          | 1457.617                       |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 1.2326 | 2 | 0.5399 |  |  |  |
| Score                                  | 1.1786 | 2 | 0.5547 |  |  |  |
| Wald                                   | 0.7794 | 2 | 0.6773 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -3.7204  | 0.5089            | 53.4485            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.6552  | 0.3199            | 26.7674            | <.0001     |  |
| Intercept                                | 15 | 1  | -0.6483  | 0.2990            | 4.7015             | 0.0301     |  |
| Intercept                                | 16 | 1  | 0.2346   | 0.3068            | 0.5846             | 0.4445     |  |
| Intercept                                | 17 | 1  | 1.2549   | 0.3171            | 15.6636            | <.0001     |  |
| Intercept                                | 18 | 1  | 2.8577   | 0.3999            | 51.0646            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.3670  | 0.3050            | 10574.6065         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |         |            |        |        |
|---|--|---|---------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |         | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | -0.2473 | 0.3348     | 0.5458 | 0.4601 |
| ra_grp_s8   |  | 1 | -0.1196 | 0.3158     | 0.1434 | 0.7049 |

| Odds Ratio Estimates |   |       |       |  |
|----------------------|---|-------|-------|--|
| Effect               | Point 95% Wald Estimate Confidence Limits |       |       |  |
| ra_grp_exp           | 0.781                                     | 0.405 | 1.505 |  |
| ra_grp_s8            | 0.887                                     | 0.478 | 1.648 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |
|--|-------|-----------|-------|--|
| Percent Concordant   | 32.4  | Somers' D | 009   |  |
| Percent Discordant   | 33.3  | Gamma     | 013   |  |
| Percent Tied   | 34.3  | Tau-a     | 007   |  |
| Pairs  | 54269 | С         | 0.496 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.258962                    | 0.092934     | 0.094131     | 0.103813     | 0.102642     | 0.09544      | 0.077606     | -0.10001   | -0.10943  |
| Intercept_14 | 0.092934                    | 0.102348     | 0.088483     | 0.085612     | 0.079001     | 0.085814     | 0.069515     | -0.09201   | -0.08199  |
| Intercept_15 | 0.094131                    | 0.088483     | 0.089389     | 0.088582     | 0.082735     | 0.091725     | 0.070551     | -0.08921   | -0.08128  |
| Intercept_16 | 0.103813                    | 0.085612     | 0.088582     | 0.094103     | 0.087552     | 0.095324     | 0.073967     | -0.09053   | -0.08312  |
| Intercept_17 | 0.102642                    | 0.079001     | 0.082735     | 0.087552     | 0.100538     | 0.104238     | 0.076        | -0.09192   | -0.0875   |
| Intercept_18 | 0.09544                     | 0.085814     | 0.091725     | 0.095324     | 0.104238     | 0.159925     | 0.078546     | -0.1024    | -0.09489  |
| Intercept_19 | 0.077606                    | 0.069515     | 0.070551     | 0.073967     | 0.076        | 0.078546     | 0.093043     | -0.08874   | -0.07618  |
| ra_grp_exp   | -0.10001                    | -0.09201     | -0.08921     | -0.09053     | -0.09192     | -0.1024      | -0.08874     | 0.112077   | 0.090222  |
| ra_grp_s8    | -0.10943                    | -0.08199     | -0.08128     | -0.08312     | -0.0875      | -0.09489     | -0.07618     | 0.090222   | 0.099699  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |
|---------------------|-------------------------|--|
| Method              | Taylor Series           |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 382.4717 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 5.202315        |  |
| 2                | 14              | 39                 | 42.144600       |  |
| 3                | 15              | 56                 | 56.649776       |  |
| 4                | 16              | 83                 | 91.116014       |  |
| 5                | 17              | 73                 | 81.849707       |  |
| 6                | 18              | 72                 | 84.396305       |  |

### **Domain Analysis for domain Imputation Number=2**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 15                 | 21.113005       |  |
| 8                | 20              | 0                  | 0.000000        |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 41.2577   | 12 | <.0001 |  |  |

| Model Fit Statistics |                                |          |  |  |  |  |
|----------------------|--------------------------------|----------|--|--|--|--|
| Criterion            | Intercept<br>and<br>Covariates |          |  |  |  |  |
| AIC                  | 1352.183                       | 1355.733 |  |  |  |  |
| sc                   | 1400.259                       | 1417.545 |  |  |  |  |
| -2 Log L             | 1338.183                       | 1337.733 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.4500 | 2 | 0.7985 |  |  |  |
| Score                                  | 0.4602 | 2 | 0.7944 |  |  |  |
| Wald                                   | 0.4524 | 2 | 0.7976 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.3185  | 0.5955            | 52.5913            | <.0001     |
| Intercept                                | 14 | 1  | -1.9928  | 0.2958            | 45.3867            | <.0001     |
| Intercept                                | 15 | 1  | -1.0226  | 0.2695            | 14.4009            | 0.0001     |
| Intercept                                | 16 | 1  | 0.00451  | 0.2808            | 0.0003             | 0.9872     |
| Intercept                                | 17 | 1  | 0.9323   | 0.2956            | 9.9498             | 0.0016     |
| Intercept                                | 18 | 1  | 2.8086   | 0.4215            | 44.4074            | <.0001     |
| Intercept                                | 19 | 1  | 31.1286  | 0.2974            | 10953.5395         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |         |        |        |        |
|---|--|---|---------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |         |        |        |        |
| ra_grp_exp  |  | 1 | 0.1014  | 0.2887 | 0.1232 | 0.7256 |
| ra_grp_s8   |  | 1 | -0.0321 | 0.3511 | 0.0084 | 0.9271 |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.107 | 0.628 | 1.949 |  |  |
| ra_grp_s8  | 0.968 | 0.487 | 1.927 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 33.9 Somers' D 0.016                          |       |       |       |  |  |  |
| Percent Discordant   | 32.4  | Gamma | 0.024 |  |  |  |
| Percent Tied 33.7 Tau-a 0.01                                     |       |       |       |  |  |  |
| Pairs  | 48008 | С     | 0.508 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.354608                    | 0.11818      | 0.117114     | 0.117064     | 0.109878     | 0.040674     | 0.111238     | -0.10349   | -0.15364  |
| Intercept_14 | 0.11818                     | 0.087498     | 0.071151     | 0.065574     | 0.06621      | 0.058989     | 0.068798     | -0.07475   | -0.0776   |
| Intercept_15 | 0.117114                    | 0.071151     | 0.072612     | 0.071013     | 0.071138     | 0.066437     | 0.06151      | -0.06657   | -0.08017  |
| Intercept_16 | 0.117064                    | 0.065574     | 0.071013     | 0.078872     | 0.077125     | 0.076221     | 0.060557     | -0.06245   | -0.08396  |
| Intercept_17 | 0.109878                    | 0.06621      | 0.071138     | 0.077125     | 0.087351     | 0.091722     | 0.063167     | -0.06807   | -0.08494  |
| Intercept_18 | 0.040674                    | 0.058989     | 0.066437     | 0.076221     | 0.091722     | 0.177634     | 0.055625     | -0.07604   | -0.07914  |
| Intercept_19 | 0.111238                    | 0.068798     | 0.06151      | 0.060557     | 0.063167     | 0.055625     | 0.088464     | -0.06733   | -0.08892  |
| ra_grp_exp   | -0.10349                    | -0.07475     | -0.06657     | -0.06245     | -0.06807     | -0.07604     | -0.06733     | 0.083359   | 0.078481  |
| ra_grp_s8    | -0.15364                    | -0.0776      | -0.08017     | -0.08396     | -0.08494     | -0.07914     | -0.08892     | 0.078481   | 0.123303  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 379.3691 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 4.573591        |  |  |  |
| 2                | 14              | 43                 | 47.220539       |  |  |  |
| 3                | 15              | 69                 | 69.976148       |  |  |  |
| 4                | 16              | 72                 | 83.115066       |  |  |  |
| 5                | 17              | 69                 | 84.255044       |  |  |  |
| 6                | 18              | 62                 | 72.131277       |  |  |  |

### **Domain Analysis for domain Imputation Number=3**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 12                 | 18.097432       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |
|---|----|------------|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |
| 25.7368   | 12 | 0.0117     |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1343.314          | 1338.176                       |  |  |  |
| sc                   | 1391.390          | 1399.988                       |  |  |  |
| -2 Log L             | 1329.314          | 1320.176                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 9.1378     | 2  | 0.0104     |  |  |  |
| Score                                  | 8.6273     | 2  | 0.0134     |  |  |  |
| Wald                                   | 8.3397     | 2  | 0.0155     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.8528  | 0.5474            | 78.5933            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2819  | 0.3645            | 39.1926            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1728  | 0.3090            | 14.4030            | 0.0001     |  |
| Intercept                                | 16 | 1  | -0.2520  | 0.3042            | 0.6863             | 0.4074     |  |
| Intercept                                | 17 | 1  | 0.7652   | 0.3157            | 5.8725             | 0.0154     |  |
| Intercept                                | 18 | 1  | 2.6165   | 0.4703            | 30.9552            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.7961  | 0.3148            | 9570.6331          | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.2894   | 0.3634            | 0.6339             | 0.4259     |
| ra_grp_s8                                |  | 1  | 0.7262   | 0.3036            | 5.7206             | 0.0168     |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.336 | 0.655 | 2.723 |  |  |
| ra_grp_s8  | 2.067 | 1.140 | 3.748 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 37.3  | Somers' D | 0.103 |  |  |  |
| Percent Discordant   | 27.0  | Gamma     | 0.160 |  |  |  |
| Percent Tied   | 35.7  | Tau-a     | 0.084 |  |  |  |
| Pairs  | 44828 | с         | 0.552 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.299635     | 0.120106     | 0.100677     | 0.102816     | 0.096306     | 0.139357     | 0.093254     | -0.11834   | -0.08755  |
| Intercept_14                | 0.120106     | 0.132855     | 0.107106     | 0.100012     | 0.098567     | 0.108781     | 0.087858     | -0.11734   | -0.08839  |
| Intercept_15                | 0.100677     | 0.107106     | 0.095504     | 0.08688      | 0.086296     | 0.103856     | 0.076161     | -0.09995   | -0.07725  |
| Intercept_16                | 0.102816     | 0.100012     | 0.08688      | 0.09252      | 0.088188     | 0.110949     | 0.077048     | -0.09766   | -0.07328  |
| Intercept_17                | 0.096306     | 0.098567     | 0.086296     | 0.088188     | 0.099697     | 0.127782     | 0.081975     | -0.10151   | -0.07529  |
| Intercept_18                | 0.139357     | 0.108781     | 0.103856     | 0.110949     | 0.127782     | 0.221162     | 0.105237     | -0.12242   | -0.09181  |
| Intercept_19                | 0.093254     | 0.087858     | 0.076161     | 0.077048     | 0.081975     | 0.105237     | 0.099095     | -0.09959   | -0.07537  |
| ra_grp_exp                  | -0.11834     | -0.11734     | -0.09995     | -0.09766     | -0.10151     | -0.12242     | -0.09959     | 0.132085   | 0.084644  |
| ra_grp_s8                   | -0.08755     | -0.08839     | -0.07725     | -0.07328     | -0.07529     | -0.09181     | -0.07537     | 0.084644   | 0.092196  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 435.2058 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 4.26699         |  |  |  |
| 2                | 14              | 35                 | 40.91766        |  |  |  |
| 3                | 15              | 79                 | 78.65250        |  |  |  |
| 4                | 16              | 77                 | 84.38613        |  |  |  |
| 5                | 17              | 82                 | 101.37681       |  |  |  |
| 6                | 18              | 84                 | 96.29858        |  |  |  |

### **Domain Analysis for domain Imputation Number=4**

| Response Profile |                 |    |          |  |  |
|------------------|-----------------|----|----------|--|--|
| Ordered<br>Value | Total<br>Weight |    |          |  |  |
| 7                | 19              | 20 | 29.30716 |  |  |
| 8                | 20              | 0  | 0.00000  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |
|---|----|--------|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |
| 15.2549   | 12 | 0.2278 |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1536.974 | 1537.195 |  |  |  |
| sc                                      | 1585.050 | 1599.007 |  |  |  |
| -2 Log L                                | 1522.974 | 1519.195 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 3.7795 | 2 | 0.1511 |  |  |  |
| Score                                  | 3.7830 | 2 | 0.1508 |  |  |  |
| Wald                                   | 2.4600 | 2 | 0.2923 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.7196  | 0.5139            | 84.3419            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2551  | 0.2984            | 57.1048            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0131  | 0.2369            | 18.2846            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1723  | 0.2341            | 0.5414             | 0.4618     |  |
| Intercept                                | 17 | 1  | 0.8197   | 0.2256            | 13.2071            | 0.0003     |  |
| Intercept                                | 18 | 1  | 2.5497   | 0.3316            | 59.1251            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.2034  | 0.2415            | 16696.3881         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |         |        |        |            |
|---|--|---|---------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |         |        |        | Pr > ChiSq |
| ra_grp_exp  |  | 1 | -0.0452 | 0.2613 | 0.0299 | 0.8627     |
| ra_grp_s8   |  | 1 | 0.3196  | 0.2819 | 1.2847 | 0.2570     |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 0.956 | 0.573 | 1.595 |  |  |
| ra_grp_s8                                 | 1.377 | 0.792 | 2.392 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |                                   |  |  |  |  |  |  |  |  |
|--|-----------------------------------|--|--|--|--|--|--|--|--|
| Percent Concordant 35.1 Somers' D 0.041                          |                                   |  |  |  |  |  |  |  |  |
| Percent Discordant 31.0 Gamma 0.063                              |                                   |  |  |  |  |  |  |  |  |
| Percent Tied 33.9 Tau-a 0.034                                    |                                   |  |  |  |  |  |  |  |  |
| Pairs  | <b>Pairs</b> 59162 <b>c</b> 0.521 |  |  |  |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.264096                    | 0.072801     | 0.060504     | 0.053119     | 0.049211     | 0.045675     | 0.04154      | -0.05199   | -0.06905  |
| Intercept_14 | 0.072801                    | 0.089052     | 0.062011     | 0.052271     | 0.046204     | 0.056459     | 0.026612     | -0.053     | -0.05422  |
| Intercept_15 | 0.060504                    | 0.062011     | 0.056137     | 0.049726     | 0.044584     | 0.056791     | 0.033467     | -0.05029   | -0.05331  |
| Intercept_16 | 0.053119                    | 0.052271     | 0.049726     | 0.054816     | 0.046137     | 0.059608     | 0.039303     | -0.04613   | -0.0535   |
| Intercept_17 | 0.049211                    | 0.046204     | 0.044584     | 0.046137     | 0.050877     | 0.064675     | 0.035629     | -0.04304   | -0.05105  |
| Intercept_18 | 0.045675                    | 0.056459     | 0.056791     | 0.059608     | 0.064675     | 0.109956     | 0.046302     | -0.05331   | -0.07082  |
| Intercept_19 | 0.04154                     | 0.026612     | 0.033467     | 0.039303     | 0.035629     | 0.046302     | 0.058315     | -0.04314   | -0.0453   |
| ra_grp_exp   | -0.05199                    | -0.053       | -0.05029     | -0.04613     | -0.04304     | -0.05331     | -0.04314     | 0.068252   | 0.044736  |
| ra_grp_s8    | -0.06905                    | -0.05422     | -0.05331     | -0.0535      | -0.05105     | -0.07082     | -0.0453      | 0.044736   | 0.079495  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information                       |                          |   |  |  |  |  |
|---|--------------------------|---|--|--|--|--|
| Data Set                                | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable                       | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels               | 8                        |   |  |  |  |  |
| Stratum Variable                        | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata                        | 5                        |   |  |  |  |  |
| Cluster Variable                        | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters                      | 116                      |   |  |  |  |  |
| Weight Variable                         | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                                   | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique Fisher's Scoring |                          |   |  |  |  |  |
| Variance Adjustment                     | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method              | Taylor Series           |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 397.0141 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.41629         |  |  |  |
| 2                | 14              | 34                 | 38.11721        |  |  |  |
| 3                | 15              | 68                 | 63.87401        |  |  |  |
| 4                | 16              | 84                 | 102.63385       |  |  |  |
| 5                | 17              | 79                 | 86.41978        |  |  |  |
| 6                | 18              | 72                 | 83.63101        |  |  |  |

### **Domain Analysis for domain Imputation Number=5**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 12                 | 16.92196        |  |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |
|---|----|--------|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |
| 27.0200   | 12 | 0.0077 |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |  |
| AIC                  | 1381.100          | 1383.555                       |  |  |  |  |
| sc                   | 1429.176          | 1445.367                       |  |  |  |  |
| -2 Log L             | 1367.100          | 1365.555                       |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 1.5453 | 2 | 0.4618 |  |  |  |
| Score                                  | 1.4699 | 2 | 0.4795 |  |  |  |
| Wald                                   | 1.0405 | 2 | 0.5944 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.4650  | 0.5304            | 70.8686            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2779  | 0.2599            | 76.8127            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1751  | 0.2207            | 28.3559            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.0680  | 0.2308            | 0.0869             | 0.7682     |  |
| Intercept                                | 17 | 1  | 0.8995   | 0.2494            | 13.0031            | 0.0003     |  |
| Intercept                                | 18 | 1  | 2.9386   | 0.3931            | 55.8808            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0242  | 0.2678            | 13424.9101         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |            |        |        |
|---|--|---|--------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.2156 | 0.2590     | 0.6932 | 0.4051 |
| ra_grp_s8   |  | 1 | 0.2805 | 0.2783     | 1.0165 | 0.3134 |

| Odds Ratio Estimates                             |       |       |       |  |
|--|-------|-------|-------|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                       | 1.241 | 0.747 | 2.061 |  |
| ra_grp_s8  | 1.324 | 0.767 | 2.284 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 36.0 Somers' D 0.057                          |       |       |       |  |
| Percent Discordant   | 30.3  | Gamma | 0.087 |  |
| Percent Tied   | 33.7  | Tau-a | 0.046 |  |
| Pairs  | 50792 | С     | 0.529 |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.281311     | 0.060411     | 0.059993     | 0.065528     | 0.0741       | 0.06201      | 0.074656     | -0.0691    | -0.06748  |
| Intercept_14                | 0.060411     | 0.067552     | 0.049185     | 0.038136     | 0.04795      | 0.043824     | 0.038087     | -0.04736   | -0.04124  |
| Intercept_15                | 0.059993     | 0.049185     | 0.048694     | 0.042891     | 0.047704     | 0.050377     | 0.039504     | -0.04756   | -0.0416   |
| Intercept_16                | 0.065528     | 0.038136     | 0.042891     | 0.053258     | 0.052542     | 0.059016     | 0.042839     | -0.04647   | -0.0457   |
| Intercept_17                | 0.0741       | 0.04795      | 0.047704     | 0.052542     | 0.062223     | 0.065629     | 0.047204     | -0.05222   | -0.05191  |
| Intercept_18                | 0.06201      | 0.043824     | 0.050377     | 0.059016     | 0.065629     | 0.154527     | 0.046491     | -0.04907   | -0.06681  |
| Intercept_19                | 0.074656     | 0.038087     | 0.039504     | 0.042839     | 0.047204     | 0.046491     | 0.071695     | -0.05442   | -0.05987  |
| ra_grp_exp                  | -0.0691      | -0.04736     | -0.04756     | -0.04647     | -0.05222     | -0.04907     | -0.05442     | 0.067057   | 0.051804  |
| ra_grp_s8                   | -0.06748     | -0.04124     | -0.0416      | -0.0457      | -0.05191     | -0.06681     | -0.05987     | 0.051804   | 0.077432  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 116                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation |                         |  |
|---------------------|-------------------------|--|
| Method              | Taylor Series           |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 410.0368 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 2                  | 2.279134        |  |
| 2                | 14              | 48                 | 58.854936       |  |
| 3                | 15              | 69                 | 68.682025       |  |
| 4                | 16              | 78                 | 87.399843       |  |
| 5                | 17              | 76                 | 90.417791       |  |
| 6                | 18              | 65                 | 74.472767       |  |

### **Domain Analysis for domain Imputation Number=6**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 16                 | 25.004298       |  |
| 8                | 20              | 1                  | 2.925987        |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 55.9802   | 12 | <.0001 |  |  |

| Model Fit Statistics |                                |          |  |  |  |
|----------------------|--------------------------------|----------|--|--|--|
| Criterion            | Intercept<br>and<br>Covariates |          |  |  |  |
| AIC                  | 1478.067                       | 1479.397 |  |  |  |
| sc                   | 1526.143                       | 1541.209 |  |  |  |
| -2 Log L             | 1464.067                       | 1461.397 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 2.6703 | 2 | 0.2631 |  |  |  |
| Score                                  | 2.7448 | 2 | 0.2535 |  |  |  |
| Wald                                   | 1.9876 | 2 | 0.3702 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -5.2113  | 0.9979            | 27.2743            | <.0001     |
| Intercept                                | 14 | 1  | -1.7654  | 0.2887            | 37.3896            | <.0001     |
| Intercept                                | 15 | 1  | -0.7932  | 0.2660            | 8.8913             | 0.0029     |
| Intercept                                | 16 | 1  | 0.1011   | 0.2763            | 0.1339             | 0.7144     |
| Intercept                                | 17 | 1  | 1.0918   | 0.3134            | 12.1409            | 0.0005     |
| Intercept                                | 18 | 1  | 2.6108   | 0.5228            | 24.9408            | <.0001     |
| Intercept                                | 19 | 1  | 4.9292   | 1.0818            | 20.7608            | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |         |        |        |        |
|---|--|---|---------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |         |        |        |        |
| ra_grp_exp  |  | 1 | 0.1521  | 0.2928 | 0.2696 | 0.6036 |
| ra_grp_s8   |  | 1 | -0.1752 | 0.3051 | 0.3298 | 0.5658 |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.164 | 0.656 | 2.067 |  |  |
| ra_grp_s8  | 0.839 | 0.462 | 1.526 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 34.0 Somers' D 0.028                          |       |       |       |  |  |  |
| Percent Discordant   | 31.2  | Gamma | 0.043 |  |  |  |
| Percent Tied 34.8 Tau-a 0.02                                     |       |       |       |  |  |  |
| Pairs  | 51307 | С     | 0.514 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.995711                    | 0.047171     | 0.076175     | 0.135114     | 0.138772     | 0.198678     | 0.271872     | -0.07642   | -0.09629  |
| Intercept_14 | 0.047171                    | 0.083359     | 0.067809     | 0.059646     | 0.067672     | 0.088523     | 0.176656     | -0.06919   | -0.05672  |
| Intercept_15 | 0.076175                    | 0.067809     | 0.070757     | 0.067686     | 0.075955     | 0.113573     | 0.197671     | -0.06657   | -0.06435  |
| Intercept_16 | 0.135114                    | 0.059646     | 0.067686     | 0.076362     | 0.083344     | 0.126291     | 0.200141     | -0.06466   | -0.06827  |
| Intercept_17 | 0.138772                    | 0.067672     | 0.075955     | 0.083344     | 0.09819      | 0.150157     | 0.241395     | -0.07126   | -0.07938  |
| Intercept_18 | 0.198678                    | 0.088523     | 0.113573     | 0.126291     | 0.150157     | 0.273304     | 0.44574      | -0.10168   | -0.1304   |
| Intercept_19 | 0.271872                    | 0.176656     | 0.197671     | 0.200141     | 0.241395     | 0.44574      | 1.170327     | -0.19699   | -0.20214  |
| ra_grp_exp   | -0.07642                    | -0.06919     | -0.06657     | -0.06466     | -0.07126     | -0.10168     | -0.19699     | 0.085742   | 0.062448  |
| ra_grp_s8    | -0.09629                    | -0.05672     | -0.06435     | -0.06827     | -0.07938     | -0.1304      | -0.20214     | 0.062448   | 0.093073  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | М                        | odel Information  |
|---------------------------|--------------------------|---|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |
| Response Variable         | f_mh_pts_rec_yt          |   |
| Number of Response Levels | 8                        |   |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |
| Number of Strata          | 5                        |   |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |
| Number of Clusters        | 116                      |   |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |
| Model                     | Cumulative Logit         |   |
| Optimization Technique    | Fisher's Scoring         |   |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 395.9787 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 3                  | 2.371866        |  |  |  |
| 2                | 14              | 42                 | 42.190007       |  |  |  |
| 3                | 15              | 73                 | 70.230612       |  |  |  |
| 4                | 16              | 82                 | 90.410423       |  |  |  |
| 5                | 17              | 83                 | 93.514631       |  |  |  |
| 6                | 18              | 67                 | 73.234174       |  |  |  |

### **Domain Analysis for domain Imputation Number=7**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 19                 | 24.026970       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |
|---|----|------------|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |
| 17.5606   | 12 | 0.1297     |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1389.009          | 1390.243                       |  |  |  |
| sc                   | 1437.084          | 1452.055                       |  |  |  |
| -2 Log L             | 1375.009          | 1372.243                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 2.7655     | 2  | 0.2509     |  |  |  |
| Score                                  | 2.5992     | 2  | 0.2726     |  |  |  |
| Wald                                   | 1.8335     | 2  | 0.3998     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -5.3808  | 0.8011            | 45.1106            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.3337  | 0.3132            | 55.5257            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1645  | 0.2493            | 21.8247            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1944  | 0.2399            | 0.6567             | 0.4177     |  |
| Intercept                                | 17 | 1  | 0.8601   | 0.2612            | 10.8410            | 0.0010     |  |
| Intercept                                | 18 | 1  | 2.4873   | 0.3663            | 46.1171            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9457  | 0.2840            | 11876.5956         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.3258   | 0.2736            | 1.4181             | 0.2337     |
| ra_grp_s8                                |  | 1  | 0.3730   | 0.2976            | 1.5708             | 0.2101     |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.385 | 0.810 | 2.368 |  |  |
| ra_grp_s8                                 | 1.452 | 0.810 | 2.602 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 36.0 Somers' D 0.06                           |       |       |       |  |  |  |
| Percent Discordant   | 29.5  | Gamma | 0.100 |  |  |  |
| Percent Tied   | 34.5  | Tau-a | 0.053 |  |  |  |
| Pairs  | 55298 | С     | 0.533 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.641831     | 0.164838     | 0.123684     | 0.089795     | 0.081586     | 0.097011     | 0.083104     | -0.05625   | -0.13987  |
| Intercept_14                | 0.164838     | 0.098085     | 0.069886     | 0.05915      | 0.051865     | 0.060519     | 0.054116     | -0.05937   | -0.06854  |
| Intercept_15                | 0.123684     | 0.069886     | 0.062131     | 0.053752     | 0.051239     | 0.062885     | 0.049586     | -0.05249   | -0.05754  |
| Intercept_16                | 0.089795     | 0.05915      | 0.053752     | 0.057562     | 0.055026     | 0.065769     | 0.054705     | -0.05468   | -0.0539   |
| Intercept_17                | 0.081586     | 0.051865     | 0.051239     | 0.055026     | 0.068241     | 0.080808     | 0.059904     | -0.0575    | -0.05819  |
| Intercept_18                | 0.097011     | 0.060519     | 0.062885     | 0.065769     | 0.080808     | 0.134148     | 0.072768     | -0.0694    | -0.07929  |
| Intercept_19                | 0.083104     | 0.054116     | 0.049586     | 0.054705     | 0.059904     | 0.072768     | 0.080632     | -0.06299   | -0.06178  |
| ra_grp_exp                  | -0.05625     | -0.05937     | -0.05249     | -0.05468     | -0.0575      | -0.0694      | -0.06299     | 0.074858   | 0.051614  |
| ra_grp_s8                   | -0.13987     | -0.06854     | -0.05754     | -0.0539      | -0.05819     | -0.07929     | -0.06178     | 0.051614   | 0.088584  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 398.8573 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 4                  | 3.304655        |  |  |  |
| 2                | 14              | 36                 | 45.698175       |  |  |  |
| 3                | 15              | 63                 | 62.246069       |  |  |  |
| 4                | 16              | 70                 | 81.891254       |  |  |  |
| 5                | 17              | 83                 | 94.373882       |  |  |  |
| 6                | 18              | 77                 | 88.625832       |  |  |  |

### **Domain Analysis for domain Imputation Number=8**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 17                 | 22.717455       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |
|---|----|--------|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |
| 24.1711   | 12 | 0.0193 |  |  |  |  |

| Model Fit Statistics                  |          |          |  |  |  |
|---------------------------------------|----------|----------|--|--|--|
| Intercept an Criterion Only Covariate |          |          |  |  |  |
| AIC                                   | 1403.103 | 1402.249 |  |  |  |
| sc                                    | 1451.178 | 1464.061 |  |  |  |
| -2 Log L                              | 1389.103 | 1384.249 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 4.8536 | 2 | 0.0883 |  |  |  |
| Score                                  | 4.7620 | 2 | 0.0925 |  |  |  |
| Wald                                   | 4.0544 | 2 | 0.1317 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -5.0307  | 0.5687            | 78.2412            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2047  | 0.2989            | 54.4174            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1834  | 0.2555            | 21.4523            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.2963  | 0.2540            | 1.3617             | 0.2432     |  |
| Intercept                                | 17 | 1  | 0.7193   | 0.2556            | 7.9207             | 0.0049     |  |
| Intercept                                | 18 | 1  | 2.5921   | 0.3455            | 56.2993            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9912  | 0.2470            | 15739.7244         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates   |  |   |        |        |        |            |
|--|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Error Chi-Square Pr > ChiSquare Pr > ChiSqua |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp   |  | 1 | 0.1795 | 0.3008 | 0.3562 | 0.5506     |
| ra_grp_s8  |  | 1 | 0.5112 | 0.2855 | 3.2059 | 0.0734     |

| Odds Ratio Estimates |  |            |       |  |  |
|----------------------|--|------------|-------|--|--|
| Effect               | Point 95% Wald<br>Estimate Confidence Limits |            |       |  |  |
| ra_grp_exp           | 1.197  | 0.664 2.15 |       |  |  |
| ra_grp_s8            | 1.667  | 0.953      | 2.917 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |  |
|--|-------|-------|-------|--|--|--|--|
| Percent Concordant 38.6 Somers' D 0.111                          |       |       |       |  |  |  |  |
| Percent Discordant   | 27.5  | Gamma | 0.168 |  |  |  |  |
| Percent Tied   | 33.9  | Tau-a | 0.090 |  |  |  |  |
| Pairs  | 49606 | С     | 0.555 |  |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.323461     | 0.072373     | 0.065407     | 0.05992      | 0.05752      | 0.082764     | 0.049983     | -0.06334   | -0.08291  |
| Intercept_14                | 0.072373     | 0.089321     | 0.063888     | 0.056459     | 0.051702     | 0.058794     | 0.04905      | -0.06738   | -0.05371  |
| Intercept_15                | 0.065407     | 0.063888     | 0.065281     | 0.059534     | 0.056383     | 0.059627     | 0.047598     | -0.06532   | -0.05473  |
| Intercept_16                | 0.05992      | 0.056459     | 0.059534     | 0.064492     | 0.058286     | 0.055665     | 0.050558     | -0.06358   | -0.05592  |
| Intercept_17                | 0.05752      | 0.051702     | 0.056383     | 0.058286     | 0.065316     | 0.070405     | 0.050974     | -0.06434   | -0.0549   |
| Intercept_18                | 0.082764     | 0.058794     | 0.059627     | 0.055665     | 0.070405     | 0.119342     | 0.050333     | -0.06886   | -0.06862  |
| Intercept_19                | 0.049983     | 0.04905      | 0.047598     | 0.050558     | 0.050974     | 0.050333     | 0.061021     | -0.06208   | -0.05397  |
| ra_grp_exp                  | -0.06334     | -0.06738     | -0.06532     | -0.06358     | -0.06434     | -0.06886     | -0.06208     | 0.090454   | 0.060146  |
| ra_grp_s8                   | -0.08291     | -0.05371     | -0.05473     | -0.05592     | -0.0549      | -0.06862     | -0.05397     | 0.060146   | 0.081504  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 116                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation |                         |  |  |
|---------------------|-------------------------|--|--|
| Method              | Taylor Series           |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 396.4713 |

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 1                | 13              | 4                  | 3.740834        |  |  |
| 2                | 14              | 38                 | 40.967073       |  |  |
| 3                | 15              | 70                 | 66.568692       |  |  |
| 4                | 16              | 75                 | 89.951447       |  |  |
| 5                | 17              | 74                 | 79.590121       |  |  |
| 6                | 18              | 82                 | 94.436388       |  |  |

## **Domain Analysis for domain Imputation Number=9**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 17                 | 21.216703       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 18.4611   | 12 | 0.1024     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1390.095          | 1392.665                       |  |  |  |
| sc                   | 1438.171          | 1454.477                       |  |  |  |
| -2 Log L             | 1376.095          | 1374.665                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 1.4299     | 2  | 0.4892     |  |  |  |
| Score                                  | 1.3921     | 2  | 0.4986     |  |  |  |
| Wald                                   | 1.0217     | 2  | 0.6000     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.8235  | 0.6789            | 50.4773            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2301  | 0.2400            | 86.3538            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1055  | 0.2148            | 26.4821            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1348  | 0.2190            | 0.3787             | 0.5383     |  |
| Intercept                                | 17 | 1  | 0.7216   | 0.2559            | 7.9512             | 0.0048     |  |
| Intercept                                | 18 | 1  | 2.7119   | 0.4139            | 42.9388            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.8837  | 0.2721            | 12879.5077         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.1676   | 0.2643            | 0.4022             | 0.5260     |
| ra_grp_s8                                |  | 1  | 0.2868   | 0.2838            | 1.0213             | 0.3122     |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.182 | 0.704 | 1.985 |  |  |
| ra_grp_s8                                 | 1.332 | 0.764 | 2.324 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 36.0  | Somers' D | 0.065 |  |  |  |
| Percent Discordant   | 29.4  | Gamma     | 0.100 |  |  |  |
| Percent Tied   | 34.6  | Tau-a     | 0.053 |  |  |  |
| Pairs  | 52563 | С         | 0.533 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.460915     | 0.066375     | 0.064951     | 0.076252     | 0.094521     | 0.121478     | 0.068201     | -0.04549   | -0.07156  |
| Intercept_14                | 0.066375     | 0.057594     | 0.043399     | 0.03987      | 0.044173     | 0.058281     | 0.039765     | -0.04696   | -0.03837  |
| Intercept_15                | 0.064951     | 0.043399     | 0.046152     | 0.041808     | 0.046929     | 0.062693     | 0.038836     | -0.04517   | -0.04047  |
| Intercept_16                | 0.076252     | 0.03987      | 0.041808     | 0.047945     | 0.052117     | 0.069709     | 0.043414     | -0.04402   | -0.04641  |
| Intercept_17                | 0.094521     | 0.044173     | 0.046929     | 0.052117     | 0.065483     | 0.091113     | 0.048842     | -0.05078   | -0.05446  |
| Intercept_18                | 0.121478     | 0.058281     | 0.062693     | 0.069709     | 0.091113     | 0.171277     | 0.067187     | -0.07096   | -0.08169  |
| Intercept_19                | 0.068201     | 0.039765     | 0.038836     | 0.043414     | 0.048842     | 0.067187     | 0.074056     | -0.05734   | -0.05824  |
| ra_grp_exp                  | -0.04549     | -0.04696     | -0.04517     | -0.04402     | -0.05078     | -0.07096     | -0.05734     | 0.06986    | 0.045857  |
| ra_grp_s8                   | -0.07156     | -0.03837     | -0.04047     | -0.04641     | -0.05446     | -0.08169     | -0.05824     | 0.045857   | 0.080563  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 366.8758 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 4                  | 3.889108        |  |  |  |
| 2                | 14              | 41                 | 47.506386       |  |  |  |
| 3                | 15              | 53                 | 48.251992       |  |  |  |
| 4                | 16              | 72                 | 77.822919       |  |  |  |
| 5                | 17              | 75                 | 83.666517       |  |  |  |
| 6                | 18              | 78                 | 82.843847       |  |  |  |

## **Domain Analysis for domain Imputation Number=10**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 17                 | 22.895014       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |
|---|----|--------|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |
| 29.4422   | 12 | 0.0034 |  |  |  |  |

| Model Fit Statistics                  |          |          |  |  |  |
|---------------------------------------|----------|----------|--|--|--|
| Intercept an Criterion Only Covariate |          |          |  |  |  |
| AIC                                   | 1301.626 | 1303.854 |  |  |  |
| sc                                    | 1349.702 | 1365.666 |  |  |  |
| -2 Log L                              | 1287.626 | 1285.854 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 1.7723 | 2 | 0.4122 |  |  |  |
| Score                                  | 1.6845 | 2 | 0.4307 |  |  |  |
| Wald                                   | 1.7109 | 2 | 0.4251 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.7272  | 0.5632            | 70.4476            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0070  | 0.2716            | 54.6037            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1780  | 0.2352            | 25.0917            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.2568  | 0.2160            | 1.4130             | 0.2346     |  |
| Intercept                                | 17 | 1  | 0.7133   | 0.2233            | 10.2040            | 0.0014     |  |
| Intercept                                | 18 | 1  | 2.5283   | 0.3677            | 47.2822            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9455  | 0.2596            | 14213.1376         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                 |  |   |        |        |            |        |
|--|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiS |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp   |  | 1 | 0.1905 | 0.2695 | 0.5000     | 0.4795 |
| ra_grp_s8  |  | 1 | 0.3234 | 0.2504 | 1.6685     | 0.1965 |

| Odds Ratio Estimates                             |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |  |
| ra_grp_exp                                       | 1.210 | 0.713 | 2.052 |  |  |  |
| ra_grp_s8  | 1.382 | 0.846 | 2.257 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |  |
|--|-------|-------|-------|--|--|--|--|
| Percent Concordant 36.0 Somers' D 0.058                          |       |       |       |  |  |  |  |
| Percent Discordant   | 30.2  | Gamma | 0.087 |  |  |  |  |
| Percent Tied 33.7 Tau-a 0.0                                      |       |       |       |  |  |  |  |
| Pairs  | 46956 | С     | 0.529 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.31721                     | 0.085005     | 0.071998     | 0.053789     | 0.054907     | 0.066869     | 0.041044     | -0.06516   | -0.04852  |
| Intercept_14 | 0.085005                    | 0.073765     | 0.056297     | 0.045651     | 0.042488     | 0.053773     | 0.039783     | -0.04797   | -0.04135  |
| Intercept_15 | 0.071998                    | 0.056297     | 0.055306     | 0.043256     | 0.040458     | 0.057558     | 0.040486     | -0.0477    | -0.03919  |
| Intercept_16 | 0.053789                    | 0.045651     | 0.043256     | 0.046659     | 0.043399     | 0.057985     | 0.042015     | -0.04221   | -0.04375  |
| Intercept_17 | 0.054907                    | 0.042488     | 0.040458     | 0.043399     | 0.049868     | 0.068654     | 0.041772     | -0.04022   | -0.04335  |
| Intercept_18 | 0.066869                    | 0.053773     | 0.057558     | 0.057985     | 0.068654     | 0.135196     | 0.067546     | -0.06419   | -0.06678  |
| Intercept_19 | 0.041044                    | 0.039783     | 0.040486     | 0.042015     | 0.041772     | 0.067546     | 0.067376     | -0.05349   | -0.05054  |
| ra_grp_exp   | -0.06516                    | -0.04797     | -0.0477      | -0.04221     | -0.04022     | -0.06419     | -0.05349     | 0.072618   | 0.044958  |
| ra_grp_s8    | -0.04852                    | -0.04135     | -0.03919     | -0.04375     | -0.04335     | -0.06678     | -0.05054     | 0.044958   | 0.062692  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information                       |                          |   |  |  |  |  |
|---|--------------------------|---|--|--|--|--|
| Data Set                                | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable                       | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels               | 8                        |   |  |  |  |  |
| Stratum Variable                        | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata                        | 5                        |   |  |  |  |  |
| Cluster Variable                        | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters                      | 116                      |   |  |  |  |  |
| Weight Variable                         | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                                   | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique Fisher's Scoring |                          |   |  |  |  |  |
| Variance Adjustment                     | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 420.5414 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 6.17859         |  |  |  |
| 2                | 14              | 38                 | 40.76910        |  |  |  |
| 3                | 15              | 69                 | 63.80170        |  |  |  |
| 4                | 16              | 78                 | 86.90360        |  |  |  |
| 5                | 17              | 80                 | 102.51820       |  |  |  |
| 6                | 18              | 80                 | 90.52360        |  |  |  |

## Domain Analysis for domain Imputation Number=11

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 22                 | 29.84659        |  |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 20.6338   | 12 | 0.0560 |  |  |  |

| Model Fit Statistics |                                |          |  |  |  |  |
|----------------------|--------------------------------|----------|--|--|--|--|
| Criterion            | Intercept<br>and<br>Covariates |          |  |  |  |  |
| AIC                  | 1496.513                       | 1496.052 |  |  |  |  |
| sc                   | 1544.589                       | 1557.864 |  |  |  |  |
| -2 Log L             | 1482.513                       | 1478.052 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 4.4618 | 2 | 0.1074 |  |  |  |
| Score                                  | 4.2997 | 2 | 0.1165 |  |  |  |
| Wald                                   | 2.6801 | 2 | 0.2618 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.4954  | 0.5183            | 75.2312            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.3613  | 0.2530            | 87.1194            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.3135  | 0.2396            | 30.0509            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.4053  | 0.2123            | 3.6458             | 0.0562     |  |
| Intercept                                | 17 | 1  | 0.6338   | 0.2514            | 6.3582             | 0.0117     |  |
| Intercept                                | 18 | 1  | 2.3072   | 0.3511            | 43.1916            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9934  | 0.2578            | 14449.5761         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |            |        |        |
|---|--|---|--------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.3005 | 0.2914     | 1.0633 | 0.3025 |
| ra_grp_s8   |  | 1 | 0.4789 | 0.2926     | 2.6789 | 0.1017 |

| Odds Ratio Estimates |                                  |       |       |  |
|----------------------|----------------------------------|-------|-------|--|
| Effect               | Point 95% Wald Confidence Limits |       |       |  |
| ra_grp_exp           | 1.351                            | 0.763 | 2.391 |  |
| ra_grp_s8            | 1.614                            | 0.910 | 2.864 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 36.9 Somers' D 0.075                          |       |       |       |  |
| Percent Discordant   | 29.4  | Gamma | 0.113 |  |
| Percent Tied   | 33.7  | Tau-a | 0.061 |  |
| Pairs  | 56760 | С     | 0.537 |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.268624     | 0.075616     | 0.076851     | 0.069517     | 0.06641      | 0.06485      | 0.06756      | -0.07329   | -0.07181  |
| Intercept_14                | 0.075616     | 0.064        | 0.051715     | 0.044478     | 0.050141     | 0.05874      | 0.045633     | -0.05286   | -0.05844  |
| Intercept_15                | 0.076851     | 0.051715     | 0.057414     | 0.046372     | 0.050439     | 0.059968     | 0.041545     | -0.05218   | -0.0563   |
| Intercept_16                | 0.069517     | 0.044478     | 0.046372     | 0.045058     | 0.047109     | 0.051976     | 0.042353     | -0.04855   | -0.04642  |
| Intercept_17                | 0.06641      | 0.050141     | 0.050439     | 0.047109     | 0.063179     | 0.074917     | 0.052008     | -0.05856   | -0.05899  |
| Intercept_18                | 0.06485      | 0.05874      | 0.059968     | 0.051976     | 0.074917     | 0.123245     | 0.061244     | -0.07093   | -0.08003  |
| Intercept_19                | 0.06756      | 0.045633     | 0.041545     | 0.042353     | 0.052008     | 0.061244     | 0.066479     | -0.06336   | -0.05241  |
| ra_grp_exp                  | -0.07329     | -0.05286     | -0.05218     | -0.04855     | -0.05856     | -0.07093     | -0.06336     | 0.084928   | 0.055095  |
| ra_grp_s8                   | -0.07181     | -0.05844     | -0.0563      | -0.04642     | -0.05899     | -0.08003     | -0.05241     | 0.055095   | 0.0856    |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 390.3322 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 4.772945        |  |
| 2                | 14              | 41                 | 49.778035       |  |
| 3                | 15              | 53                 | 48.440855       |  |
| 4                | 16              | 72                 | 85.116268       |  |
| 5                | 17              | 74                 | 90.780110       |  |
| 6                | 18              | 78                 | 92.700018       |  |

## **Domain Analysis for domain Imputation Number=12**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 16                 | 18.743922       |  |
| 8                | 20              | 0                  | 0.000000        |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |            |  |  |
|---|----|------------|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |
| 28.3707   | 12 | 0.0049     |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1367.659 | 1371.485 |  |  |  |
| sc                                      | 1415.734 | 1433.297 |  |  |  |
| -2 Log L                                | 1353.659 | 1353.485 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 0.1732 | 2 | 0.9171 |  |  |  |  |
| Score                                  | 0.1529 | 2 | 0.9264 |  |  |  |  |
| Wald                                   | 0.0980 | 2 | 0.9522 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.4626  | 0.5119            | 76.0026            | <.0001     |
| Intercept                                | 14 | 1  | -1.8894  | 0.3670            | 26.5028            | <.0001     |
| Intercept                                | 15 | 1  | -1.0992  | 0.3064            | 12.8668            | 0.0003     |
| Intercept                                | 16 | 1  | -0.1464  | 0.2912            | 0.2529             | 0.6151     |
| Intercept                                | 17 | 1  | 0.8442   | 0.2948            | 8.2022             | 0.0042     |
| Intercept                                | 18 | 1  | 2.9165   | 0.4670            | 39.0094            | <.0001     |
| Intercept                                | 19 | 1  | 31.1099  | 0.2837            | 12021.9784         | <.0001     |

| Analysis of Maximum Likelihood Estimates          |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Error Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.1024 | 0.3328 | 0.0947 | 0.7583 |
| ra_grp_s8   |  | 1 | 0.0741 | 0.3340 | 0.0492 | 0.8244 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.108 | 0.577 | 2.127 |  |  |
| ra_grp_s8                                 | 1.077 | 0.560 | 2.072 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |  |
|--|-------|-------|-------|--|--|--|--|
| Percent Concordant 34.9 Somers' D 0.047                          |       |       |       |  |  |  |  |
| Percent Discordant   | 30.2  | Gamma | 0.072 |  |  |  |  |
| Percent Tied 34.9 Tau-a 0.03                                     |       |       |       |  |  |  |  |
| Pairs  | 47037 | С     | 0.524 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.262026                    | 0.112599     | 0.100894     | 0.081877     | 0.074372     | 0.092089     | 0.059217     | -0.09595   | -0.10487  |
| Intercept_14 | 0.112599                    | 0.134692     | 0.106174     | 0.089703     | 0.076452     | 0.109665     | 0.065607     | -0.09663   | -0.09894  |
| Intercept_15 | 0.100894                    | 0.106174     | 0.093911     | 0.081229     | 0.074868     | 0.103476     | 0.06223      | -0.08919   | -0.08906  |
| Intercept_16 | 0.081877                    | 0.089703     | 0.081229     | 0.084773     | 0.075913     | 0.100435     | 0.062991     | -0.0818    | -0.08299  |
| Intercept_17 | 0.074372                    | 0.076452     | 0.074868     | 0.075913     | 0.086885     | 0.113637     | 0.068055     | -0.08613   | -0.07978  |
| Intercept_18 | 0.092089                    | 0.109665     | 0.103476     | 0.100435     | 0.113637     | 0.218045     | 0.097394     | -0.1158    | -0.11645  |
| Intercept_19 | 0.059217                    | 0.065607     | 0.06223      | 0.062991     | 0.068055     | 0.097394     | 0.080505     | -0.07937   | -0.07468  |
| ra_grp_exp   | -0.09595                    | -0.09663     | -0.08919     | -0.0818      | -0.08613     | -0.1158      | -0.07937     | 0.110761   | 0.091791  |
| ra_grp_s8    | -0.10487                    | -0.09894     | -0.08906     | -0.08299     | -0.07978     | -0.11645     | -0.07468     | 0.091791   | 0.11153   |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 372.2415 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 4                  | 3.607676        |  |  |  |
| 2                | 14              | 41                 | 47.890947       |  |  |  |
| 3                | 15              | 54                 | 49.679381       |  |  |  |
| 4                | 16              | 79                 | 88.216582       |  |  |  |
| 5                | 17              | 72                 | 79.476086       |  |  |  |
| 6                | 18              | 72                 | 77.770214       |  |  |  |

## **Domain Analysis for domain Imputation Number=13**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 18                 | 25.600571       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 30.8803   | 12 | 0.0021     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1324.029          | 1327.896                       |  |  |  |
| sc                   | 1372.105          | 1389.708                       |  |  |  |
| -2 Log L             | 1310.029          | 1309.896                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 0.1333     | 2  | 0.9355     |  |  |  |
| Score                                  | 0.1244     | 2  | 0.9397     |  |  |  |
| Wald                                   | 0.0738     | 2  | 0.9638     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.6821  | 0.5645            | 68.7953            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.8854  | 0.3029            | 38.7385            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0425  | 0.2692            | 14.9961            | 0.0001     |  |
| Intercept                                | 16 | 1  | -0.0223  | 0.2483            | 0.0081             | 0.9285     |  |
| Intercept                                | 17 | 1  | 0.8990   | 0.2603            | 11.9233            | 0.0006     |  |
| Intercept                                | 18 | 1  | 2.5505   | 0.3965            | 41.3877            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0797  | 0.2385            | 16985.9407         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.0762   | 0.2942            | 0.0671             | 0.7957     |
| ra_grp_s8                                |  | 1  | 0.0770   | 0.3079            | 0.0625             | 0.8026     |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.079 | 0.606 | 1.921 |  |  |
| ra_grp_s8                                 | 1.080 | 0.591 | 1.975 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 21.3  | Somers' D | 0.027 |  |  |  |
| Percent Discordant   | 18.6  | Gamma     | 0.068 |  |  |  |
| Percent Tied   | 60.2  | Tau-a     | 0.022 |  |  |  |
| Pairs  | 47027 | С         | 0.514 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.318659     | 0.075073     | 0.067581     | 0.062989     | 0.06702      | 0.06477      | 0.037454     | -0.05712   | -0.08003  |
| Intercept_14                | 0.075073     | 0.091765     | 0.074405     | 0.063381     | 0.06562      | 0.081782     | 0.050278     | -0.07003   | -0.06833  |
| Intercept_15                | 0.067581     | 0.074405     | 0.072473     | 0.061853     | 0.062189     | 0.077769     | 0.042879     | -0.06458   | -0.06571  |
| Intercept_16                | 0.062989     | 0.063381     | 0.061853     | 0.061658     | 0.061129     | 0.072005     | 0.041745     | -0.06337   | -0.06197  |
| Intercept_17                | 0.06702      | 0.06562      | 0.062189     | 0.061129     | 0.067781     | 0.080287     | 0.045017     | -0.06419   | -0.0674   |
| Intercept_18                | 0.06477      | 0.081782     | 0.077769     | 0.072005     | 0.080287     | 0.157177     | 0.060959     | -0.07615   | -0.08828  |
| Intercept_19                | 0.037454     | 0.050278     | 0.042879     | 0.041745     | 0.045017     | 0.060959     | 0.056868     | -0.05686   | -0.05176  |
| ra_grp_exp                  | -0.05712     | -0.07003     | -0.06458     | -0.06337     | -0.06419     | -0.07615     | -0.05686     | 0.086558   | 0.068726  |
| ra_grp_s8                   | -0.08003     | -0.06833     | -0.06571     | -0.06197     | -0.0674      | -0.08828     | -0.05176     | 0.068726   | 0.09483   |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 367.4652 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 6.759671        |  |  |  |
| 2                | 14              | 34                 | 39.157628       |  |  |  |
| 3                | 15              | 54                 | 50.484807       |  |  |  |
| 4                | 16              | 67                 | 73.510428       |  |  |  |
| 5                | 17              | 80                 | 91.747463       |  |  |  |
| 6                | 18              | 68                 | 77.352020       |  |  |  |

## **Domain Analysis for domain Imputation Number=14**

| Response Profile |                    |                 |           |  |  |
|------------------|--------------------|-----------------|-----------|--|--|
| Ordered<br>Value | Total<br>Frequency | Total<br>Weight |           |  |  |
| 7                | 19                 | 21              | 28.453141 |  |  |
| 8                | 20                 | 0               | 0.000000  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 33.4141   | 12 | 0.0008 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1321.648 | 1322.131 |  |  |  |
| sc                                      | 1369.724 | 1383.943 |  |  |  |
| -2 Log L                                | 1307.648 | 1304.131 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 3.5167 | 2 | 0.1723 |  |  |  |  |
| Score                                  | 3.1180 | 2 | 0.2103 |  |  |  |  |
| Wald                                   | 2.0009 | 2 | 0.3677 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.3276  | 0.5879            | 54.1782            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2982  | 0.3474            | 43.7756            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.3867  | 0.3227            | 18.4622            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.5024  | 0.3082            | 2.6584             | 0.1030     |  |
| Intercept                                | 17 | 1  | 0.5628   | 0.3243            | 3.0127             | 0.0826     |  |
| Intercept                                | 18 | 1  | 2.1517   | 0.3945            | 29.7568            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.8162  | 0.3161            | 9502.4866          | <.0001     |  |

| Analysis of Maximum Likelihood Estimates   |  |   |        |        |        |            |
|--|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Pr > Chi-Square Pr > Chi-S |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp   |  | 1 | 0.4460 | 0.3164 | 1.9865 | 0.1587     |
| ra_grp_s8  |  | 1 | 0.4184 | 0.3544 | 1.3941 | 0.2377     |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.562 | 0.840 | 2.904 |  |  |
| ra_grp_s8  | 1.520 | 0.759 | 3.043 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 36.9 Somers' D 0.079                          |       |   |       |  |  |  |  |
| Percent Discordant 29.0 Gamma 0.12                               |       |   |       |  |  |  |  |
| Percent Tied 34.1 Tau-a 0.065                                    |       |   |       |  |  |  |  |
| Pairs  | 44419 | С | 0.540 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.345678                    | 0.148592     | 0.144588     | 0.146003     | 0.139152     | 0.156958     | 0.142965     | -0.13726   | -0.17345  |
| Intercept_14 | 0.148592                    | 0.120654     | 0.105097     | 0.090608     | 0.085569     | 0.094711     | 0.082909     | -0.09156   | -0.09881  |
| Intercept_15 | 0.144588                    | 0.105097     | 0.10415      | 0.091651     | 0.090618     | 0.09749      | 0.081968     | -0.09204   | -0.09565  |
| Intercept_16 | 0.146003                    | 0.090608     | 0.091651     | 0.094962     | 0.091771     | 0.092791     | 0.080673     | -0.08846   | -0.09023  |
| Intercept_17 | 0.139152                    | 0.085569     | 0.090618     | 0.091771     | 0.105145     | 0.111626     | 0.086317     | -0.08765   | -0.09809  |
| Intercept_18 | 0.156958                    | 0.094711     | 0.09749      | 0.092791     | 0.111626     | 0.155591     | 0.097689     | -0.09316   | -0.11868  |
| Intercept_19 | 0.142965                    | 0.082909     | 0.081968     | 0.080673     | 0.086317     | 0.097689     | 0.099936     | -0.08752   | -0.09589  |
| ra_grp_exp   | -0.13726                    | -0.09156     | -0.09204     | -0.08846     | -0.08765     | -0.09316     | -0.08752     | 0.100126   | 0.088033  |
| ra_grp_s8    | -0.17345                    | -0.09881     | -0.09565     | -0.09023     | -0.09809     | -0.11868     | -0.09589     | 0.088033   | 0.125579  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 399.6443 |

| Response Profile |                 |                    |                 |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |
| 1                | 13              | 5                  | 5.245387        |  |  |  |  |
| 2                | 14              | 39                 | 44.721358       |  |  |  |  |
| 3                | 15              | 68                 | 62.560909       |  |  |  |  |
| 4                | 16              | 74                 | 86.268470       |  |  |  |  |
| 5                | 17              | 78                 | 84.358856       |  |  |  |  |
| 6                | 18              | 82                 | 93.006884       |  |  |  |  |

## **Domain Analysis for domain Imputation Number=15**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 18                 | 23.482406       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                     |  |
|--|--|
| Convergence criterion (GCONV=1E-8) satisfied |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 24.1394   | 12 | 0.0195 |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |  |
| AIC                  | 1418.641          | 1417.126                       |  |  |  |  |
| sc                   | 1466.717          | 1478.938                       |  |  |  |  |
| -2 Log L             | 1404.641          | 1399.126                       |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSo          |        |   |        |  |  |  |
| Likelihood Ratio                       | 5.5144 | 2 | 0.0635 |  |  |  |
| Score                                  | 5.5706 | 2 | 0.0617 |  |  |  |
| Wald                                   | 3.4871 | 2 | 0.1749 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.4692  | 0.5634            | 62.9282            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0905  | 0.2792            | 56.0419            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0716  | 0.2675            | 16.0542            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1380  | 0.2834            | 0.2372             | 0.6262     |  |
| Intercept                                | 17 | 1  | 0.7630   | 0.2993            | 6.4985             | 0.0108     |  |
| Intercept                                | 18 | 1  | 2.6593   | 0.3861            | 47.4306            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0924  | 0.2764            | 12654.6678         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |         |        |        |        |
|---|--|---|---------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |         |        |        |        |
| ra_grp_exp  |  | 1 | -0.0124 | 0.3041 | 0.0017 | 0.9674 |
| ra_grp_s8   |  | 1 | 0.4431  | 0.3419 | 1.6799 | 0.1949 |

| Odds Ratio Estimates                             |       |       |       |  |
|--|-------|-------|-------|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                       | 0.988 | 0.544 | 1.792 |  |
| ra_grp_s8  | 1.558 | 0.797 | 3.044 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 36.9 Somers' D 0.084                          |       |       |       |  |
| Percent Discordant   | 28.5  | Gamma | 0.128 |  |
| Percent Tied   | 34.6  | Tau-a | 0.068 |  |
| Pairs  | 53859 | с     | 0.542 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.317402                    | 0.089597     | 0.105439     | 0.118398     | 0.116799     | 0.103332     | 0.100969     | -0.11771   | -0.11526  |
| Intercept_14 | 0.089597                    | 0.07798      | 0.066153     | 0.063615     | 0.065345     | 0.066451     | 0.046783     | -0.05956   | -0.07593  |
| Intercept_15 | 0.105439                    | 0.066153     | 0.071532     | 0.071391     | 0.07282      | 0.074883     | 0.056098     | -0.06865   | -0.07712  |
| Intercept_16 | 0.118398                    | 0.063615     | 0.071391     | 0.080318     | 0.080325     | 0.079514     | 0.064131     | -0.07489   | -0.0815   |
| Intercept_17 | 0.116799                    | 0.065345     | 0.07282      | 0.080325     | 0.089593     | 0.088741     | 0.067804     | -0.07908   | -0.08551  |
| Intercept_18 | 0.103332                    | 0.066451     | 0.074883     | 0.079514     | 0.088741     | 0.149096     | 0.073128     | -0.07608   | -0.09401  |
| Intercept_19 | 0.100969                    | 0.046783     | 0.056098     | 0.064131     | 0.067804     | 0.073128     | 0.076394     | -0.07482   | -0.06757  |
| ra_grp_exp   | -0.11771                    | -0.05956     | -0.06865     | -0.07489     | -0.07908     | -0.07608     | -0.07482     | 0.092471   | 0.073247  |
| ra_grp_s8    | -0.11526                    | -0.07593     | -0.07712     | -0.0815      | -0.08551     | -0.09401     | -0.06757     | 0.073247   | 0.116878  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 116                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 361.1681 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 4.735256        |  |
| 2                | 14              | 39                 | 44.368320       |  |
| 3                | 15              | 59                 | 52.987376       |  |
| 4                | 16              | 76                 | 84.964732       |  |
| 5                | 17              | 79                 | 83.884431       |  |
| 6                | 18              | 71                 | 71.586096       |  |

## **Domain Analysis for domain Imputation Number=16**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 17                 | 18.641904       |  |
| 8                | 20              | 0                  | 0.000000        |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 35.1727   | 12 | 0.0004 |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1277.564 | 1274.749 |  |  |  |  |
| sc                                      | 1325.640 | 1336.561 |  |  |  |  |
| -2 Log L                                | 1263.564 | 1256.749 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 6.8148 | 2 | 0.0331 |  |  |  |  |
| Score                                  | 6.2967 | 2 | 0.0429 |  |  |  |  |
| Wald                                   | 4.7810 | 2 | 0.0916 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.7498  | 0.4570            | 108.0164           | <.0001     |
| Intercept                                | 14 | 1  | -2.2778  | 0.2973            | 58.6858            | <.0001     |
| Intercept                                | 15 | 1  | -1.3649  | 0.2624            | 27.0593            | <.0001     |
| Intercept                                | 16 | 1  | -0.3583  | 0.2763            | 1.6817             | 0.1947     |
| Intercept                                | 17 | 1  | 0.6941   | 0.2884            | 5.7922             | 0.0161     |
| Intercept                                | 18 | 1  | 2.5367   | 0.4145            | 37.4497            | <.0001     |
| Intercept                                | 19 | 1  | 30.7457  | 0.2983            | 10622.6631         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |  |
|---|--|---|--------|--------|--------|--------|--|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |  |
| ra_grp_exp  |  | 1 | 0.6405 | 0.3069 | 4.3569 | 0.0369 |  |
| ra_grp_s8   |  | 1 | 0.3934 | 0.3094 | 1.6168 | 0.2035 |  |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.898 | 1.040 | 3.463 |  |  |
| ra_grp_s8  | 1.482 | 0.808 | 2.717 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 38.2 Somers' D 0.104                          |       |       |       |  |  |  |
| Percent Discordant   | 27.9  | Gamma | 0.157 |  |  |  |
| Percent Tied 33.9 Tau-a 0.085                                    |       |       |       |  |  |  |
| Pairs  | 49012 | С     | 0.552 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.208865                    | 0.054622     | 0.057434     | 0.062735     | 0.062358     | 0.086708     | 0.060371     | -0.06587   | -0.07033  |
| Intercept_14 | 0.054622                    | 0.088409     | 0.071068     | 0.066818     | 0.063922     | 0.084018     | 0.06067      | -0.06736   | -0.06911  |
| Intercept_15 | 0.057434                    | 0.071068     | 0.06885      | 0.065243     | 0.063578     | 0.08139      | 0.057562     | -0.06677   | -0.06275  |
| Intercept_16 | 0.062735                    | 0.066818     | 0.065243     | 0.076318     | 0.072921     | 0.084623     | 0.068395     | -0.07293   | -0.06906  |
| Intercept_17 | 0.062358                    | 0.063922     | 0.063578     | 0.072921     | 0.083168     | 0.094477     | 0.071904     | -0.075     | -0.06987  |
| Intercept_18 | 0.086708                    | 0.084018     | 0.08139      | 0.084623     | 0.094477     | 0.171825     | 0.090289     | -0.0901    | -0.09793  |
| Intercept_19 | 0.060371                    | 0.06067      | 0.057562     | 0.068395     | 0.071904     | 0.090289     | 0.088989     | -0.07987   | -0.07376  |
| ra_grp_exp   | -0.06587                    | -0.06736     | -0.06677     | -0.07293     | -0.075       | -0.0901      | -0.07987     | 0.094174   | 0.075706  |
| ra_grp_s8    | -0.07033                    | -0.06911     | -0.06275     | -0.06906     | -0.06987     | -0.09793     | -0.07376     | 0.075706   | 0.095703  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 421.9713 |

| Response Profile |                 |                    |                 |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |
| 1                | 13              | 7                  | 6.897846        |  |  |  |  |
| 2                | 14              | 46                 | 52.404364       |  |  |  |  |
| 3                | 15              | 68                 | 65.945542       |  |  |  |  |
| 4                | 16              | 83                 | 88.446004       |  |  |  |  |
| 5                | 17              | 80                 | 89.444612       |  |  |  |  |
| 6                | 18              | 86                 | 97.458232       |  |  |  |  |

## **Domain Analysis for domain Imputation Number=17**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 15                 | 21.374750       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 43.9114   | 12 | <.0001     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1501.260          | 1501.790                       |  |  |  |
| sc                   | 1549.336          | 1563.602                       |  |  |  |
| -2 Log L             | 1487.260          | 1483.790                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 3.4702     | 2  | 0.1764     |  |  |  |
| Score                                  | 3.4339     | 2  | 0.1796     |  |  |  |
| Wald                                   | 2.6204     | 2  | 0.2698     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.2585  | 0.4296            | 98.2401            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9677  | 0.2233            | 77.6172            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0127  | 0.2102            | 23.2130            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1239  | 0.1981            | 0.3911             | 0.5317     |  |
| Intercept                                | 17 | 1  | 0.7862   | 0.2345            | 11.2365            | 0.0008     |  |
| Intercept                                | 18 | 1  | 2.7899   | 0.3643            | 58.6519            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.1170  | 0.2217            | 19694.8509         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.0623   | 0.2558            | 0.0594             | 0.8074     |
| ra_grp_s8                                |  | 1  | 0.3764   | 0.2487            | 2.2906             | 0.1302     |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.064 | 0.645 | 1.757 |  |  |
| ra_grp_s8                                 | 1.457 | 0.895 | 2.372 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 36.8 Somers' D 0.07                           |       |       |       |  |  |  |
| Percent Discordant   | 29.9  | Gamma | 0.104 |  |  |  |
| Percent Tied   | 33.3  | Tau-a | 0.057 |  |  |  |
| Pairs  | 60263 | С     | 0.535 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.184594     | 0.045883     | 0.053592     | 0.054431     | 0.054117     | 0.049611     | 0.045394     | -0.0574    | -0.04704  |
| Intercept_14                | 0.045883     | 0.049881     | 0.038979     | 0.033162     | 0.03355      | 0.04104      | 0.02357      | -0.03964   | -0.02396  |
| Intercept_15                | 0.053592     | 0.038979     | 0.044182     | 0.037692     | 0.038218     | 0.045619     | 0.026342     | -0.03938   | -0.02864  |
| Intercept_16                | 0.054431     | 0.033162     | 0.037692     | 0.039235     | 0.04151      | 0.044435     | 0.02842      | -0.03642   | -0.03134  |
| Intercept_17                | 0.054117     | 0.03355      | 0.038218     | 0.04151      | 0.055013     | 0.061716     | 0.037301     | -0.04438   | -0.04102  |
| Intercept_18                | 0.049611     | 0.04104      | 0.045619     | 0.044435     | 0.061716     | 0.132708     | 0.050461     | -0.06119   | -0.05771  |
| Intercept_19                | 0.045394     | 0.02357      | 0.026342     | 0.02842      | 0.037301     | 0.050461     | 0.049163     | -0.04365   | -0.0377   |
| ra_grp_exp                  | -0.0574      | -0.03964     | -0.03938     | -0.03642     | -0.04438     | -0.06119     | -0.04365     | 0.065434   | 0.031269  |
| ra_grp_s8                   | -0.04704     | -0.02396     | -0.02864     | -0.03134     | -0.04102     | -0.05771     | -0.0377      | 0.031269   | 0.061856  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 392.7919 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 5.027360        |  |  |  |
| 2                | 14              | 40                 | 44.612209       |  |  |  |
| 3                | 15              | 53                 | 52.045955       |  |  |  |
| 4                | 16              | 74                 | 87.354970       |  |  |  |
| 5                | 17              | 81                 | 94.127273       |  |  |  |
| 6                | 18              | 76                 | 85.917499       |  |  |  |

## **Domain Analysis for domain Imputation Number=18**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 19                 | 23.706658       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |
|---|----|--------|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |
| 17.2824   | 12 | 0.1393 |  |  |  |  |

| Model Fit Statistics               |          |          |  |  |  |
|------------------------------------|----------|----------|--|--|--|
| Intercept Criterion Only Covariate |          |          |  |  |  |
| AIC                                | 1388.168 | 1391.318 |  |  |  |
| sc                                 | 1436.244 | 1453.130 |  |  |  |
| -2 Log L                           | 1374.168 | 1373.318 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.8506 | 2 | 0.6536 |  |  |  |
| Score                                  | 0.8583 | 2 | 0.6510 |  |  |  |
| Wald                                   | 0.7011 | 2 | 0.7043 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.4181  | 0.4880            | 81.9734            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0061  | 0.2733            | 53.8983            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1247  | 0.2469            | 20.7502            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1471  | 0.2539            | 0.3357             | 0.5623     |  |
| Intercept                                | 17 | 1  | 0.8787   | 0.2589            | 11.5198            | 0.0007     |  |
| Intercept                                | 18 | 1  | 2.6778   | 0.4205            | 40.5575            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.1188  | 0.2547            | 14928.8155         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                 |  |   |          |        |            |        |
|--|--|---|----------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiS |  |   |          |        | Pr > ChiSq |        |
| ra_grp_exp   |  | 1 | 0.1659   | 0.2676 | 0.3844     | 0.5352 |
| ra_grp_s8  |  | 1 | -0.00029 | 0.2984 | 0.0000     | 0.9992 |

| Odds Ratio Estimates             |       |             |       |  |  |  |
|----------------------------------|-------|-------------|-------|--|--|--|
| Point 95% Wald Confidence Limits |       |             |       |  |  |  |
| ra_grp_exp                       | 1.180 | 0.699 1.994 |       |  |  |  |
| ra_grp_s8                        | 1.000 | 0.557       | 1.794 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 26.6 Somers' D 0.048                          |       |   |       |  |  |  |  |
| Percent Discordant 21.7 Gamma 0.10                               |       |   |       |  |  |  |  |
| Percent Tied 51.7 Tau-a 0.039                                    |       |   |       |  |  |  |  |
| Pairs  | 49248 | С | 0.524 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.238122                    | 0.066416     | 0.058909     | 0.042111     | 0.05411      | 0.081973     | 0.043797     | -0.03681   | -0.07017  |
| Intercept_14 | 0.066416                    | 0.074671     | 0.059888     | 0.053504     | 0.050271     | 0.078197     | 0.037185     | -0.04713   | -0.05498  |
| Intercept_15 | 0.058909                    | 0.059888     | 0.060966     | 0.055482     | 0.053878     | 0.081485     | 0.038828     | -0.04822   | -0.05755  |
| Intercept_16 | 0.042111                    | 0.053504     | 0.055482     | 0.064453     | 0.058647     | 0.083877     | 0.045857     | -0.05282   | -0.05935  |
| Intercept_17 | 0.05411                     | 0.050271     | 0.053878     | 0.058647     | 0.067032     | 0.095125     | 0.045079     | -0.05355   | -0.05813  |
| Intercept_18 | 0.081973                    | 0.078197     | 0.081485     | 0.083877     | 0.095125     | 0.1768       | 0.072446     | -0.08502   | -0.09721  |
| Intercept_19 | 0.043797                    | 0.037185     | 0.038828     | 0.045857     | 0.045079     | 0.072446     | 0.064866     | -0.0523    | -0.05986  |
| ra_grp_exp   | -0.03681                    | -0.04713     | -0.04822     | -0.05282     | -0.05355     | -0.08502     | -0.0523      | 0.071596   | 0.053586  |
| ra_grp_s8    | -0.07017                    | -0.05498     | -0.05755     | -0.05935     | -0.05813     | -0.09721     | -0.05986     | 0.053586   | 0.089022  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method              | Taylor Series           |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 406.328  |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 4                  | 3.183142        |  |  |  |
| 2                | 14              | 43                 | 50.067580       |  |  |  |
| 3                | 15              | 62                 | 61.120660       |  |  |  |
| 4                | 16              | 80                 | 87.490096       |  |  |  |
| 5                | 17              | 77                 | 87.706415       |  |  |  |
| 6                | 18              | 85                 | 96.569773       |  |  |  |

## **Domain Analysis for domain Imputation Number=19**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 18                 | 20.190374       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 16.2009   | 12 | 0.1822 |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |  |
| AIC                  | 1422.482          | 1425.300                       |  |  |  |  |
| sc                   | 1470.558          | 1487.112                       |  |  |  |  |
| -2 Log L             | 1408.482          | 1407.300                       |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 1.1815 | 2 | 0.5539 |  |  |  |
| Score                                  | 1.1178 | 2 | 0.5719 |  |  |  |
| Wald                                   | 0.6166 | 2 | 0.7347 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.9988  | 0.5604            | 79.5647            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0504  | 0.2812            | 53.1559            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0959  | 0.2366            | 21.4566            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1713  | 0.2557            | 0.4486             | 0.5030     |  |
| Intercept                                | 17 | 1  | 0.7516   | 0.2642            | 8.0903             | 0.0045     |  |
| Intercept                                | 18 | 1  | 2.8005   | 0.4119            | 46.2303            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0694  | 0.2803            | 12283.8147         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |            |        |        |
|---|--|---|--------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |        | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.2121 | 0.2816     | 0.5677 | 0.4512 |
| ra_grp_s8   |  | 1 | 0.2187 | 0.3118     | 0.4920 | 0.4830 |

| Odds Ratio Estimates |   |       |       |  |
|----------------------|---|-------|-------|--|
| Effect               | Point 95% Wald Estimate Confidence Limits |       |       |  |
| ra_grp_exp           | 1.236                                     | 0.712 | 2.147 |  |
| ra_grp_s8            | 1.244                                     | 0.675 | 2.293 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |
|--|-------|-----------|-------|--|
| Percent Concordant   | 35.8  | Somers' D | 0.050 |  |
| Percent Discordant   | 30.8  | Gamma     | 0.076 |  |
| Percent Tied   | 33.4  | Tau-a     | 0.041 |  |
| Pairs  | 55287 | С         | 0.525 |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.314062     | 0.082944     | 0.058069     | 0.055928     | 0.056003     | 0.047489     | 0.071286     | -0.06649   | -0.10113  |
| Intercept_14                | 0.082944     | 0.079089     | 0.056131     | 0.057214     | 0.048336     | 0.055227     | 0.049497     | -0.05412   | -0.05943  |
| Intercept_15                | 0.058069     | 0.056131     | 0.055975     | 0.057336     | 0.052632     | 0.067613     | 0.048188     | -0.05612   | -0.05656  |
| Intercept_16                | 0.055928     | 0.057214     | 0.057336     | 0.065395     | 0.056489     | 0.07201      | 0.052267     | -0.06048   | -0.05793  |
| Intercept_17                | 0.056003     | 0.048336     | 0.052632     | 0.056489     | 0.069821     | 0.094101     | 0.059882     | -0.06271   | -0.07016  |
| Intercept_18                | 0.047489     | 0.055227     | 0.067613     | 0.07201      | 0.094101     | 0.169641     | 0.0762       | -0.07915   | -0.09894  |
| Intercept_19                | 0.071286     | 0.049497     | 0.048188     | 0.052267     | 0.059882     | 0.0762       | 0.078584     | -0.06426   | -0.07228  |
| ra_grp_exp                  | -0.06649     | -0.05412     | -0.05612     | -0.06048     | -0.06271     | -0.07915     | -0.06426     | 0.07928    | 0.064122  |
| ra_grp_s8                   | -0.10113     | -0.05943     | -0.05656     | -0.05793     | -0.07016     | -0.09894     | -0.07228     | 0.064122   | 0.097206  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 116                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation |                         |  |
|---------------------|-------------------------|--|
| Method              | Taylor Series           |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7101     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 400.9545 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 4                  | 3.241418        |  |
| 2                | 14              | 46                 | 53.557582       |  |
| 3                | 15              | 73                 | 67.380690       |  |
| 4                | 16              | 72                 | 84.986028       |  |
| 5                | 17              | 73                 | 88.953416       |  |
| 6                | 18              | 68                 | 69.709588       |  |

## **Domain Analysis for domain Imputation Number=20**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 18                 | 33.125776       |  |
| 8                | 20              | 0                  | 0.000000        |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |
|---|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 22.7102   | 12 | 0.0303 |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1441.896          | 1442.694                       |  |  |  |
| sc                   | 1489.972          | 1504.506                       |  |  |  |
| -2 Log L             | 1427.896          | 1424.694                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 3.2016     | 2  | 0.2017     |  |  |  |
| Score                                  | 3.0427     | 2  | 0.2184     |  |  |  |
| Wald                                   | 1.6016     | 2  | 0.4490     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -5.0772  | 0.4865            | 108.9141           | <.0001     |
| Intercept                                | 14 | 1  | -2.0668  | 0.2818            | 53.7794            | <.0001     |
| Intercept                                | 15 | 1  | -1.0659  | 0.2462            | 18.7405            | <.0001     |
| Intercept                                | 16 | 1  | -0.1792  | 0.2541            | 0.4974             | 0.4807     |
| Intercept                                | 17 | 1  | 0.8020   | 0.2704            | 8.7942             | 0.0030     |
| Intercept                                | 18 | 1  | 2.1569   | 0.3732            | 33.4120            | <.0001     |
| Intercept                                | 19 | 1  | 30.9620  | 0.3067            | 10193.7116         | <.0001     |

| Analysis of Maximum Likelihood Estimates |   |   |        |        |        |        |
|--|---|---|--------|--------|--------|--------|
| Parameter                                | Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |   |        |        |        |        |
| ra_grp_exp                               |   | 1 | 0.3784 | 0.2998 | 1.5934 | 0.2068 |
| ra_grp_s8                                |   | 1 | 0.3275 | 0.3369 | 0.9450 | 0.3310 |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.460 | 0.811 | 2.627 |  |
| ra_grp_s8                                 | 1.387 | 0.717 | 2.685 |  |

| Association of Predicted Probabilities and Observed Responses |       |           |       |  |  |
|---|-------|-----------|-------|--|--|
| Percent Concordant  | 35.5  | Somers' D | 0.049 |  |  |
| Percent Discordant  | 30.6  | Gamma     | 0.075 |  |  |
| Percent Tied  | 33.9  | Tau-a     | 0.041 |  |  |
| Pairs   | 51197 | С         | 0.525 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.236686                    | 0.040345     | 0.045493     | 0.038489     | 0.0297       | 0.030111     | 0.017175     | -0.02253   | -0.02668  |
| Intercept_14 | 0.040345                    | 0.079428     | 0.058892     | 0.051498     | 0.051643     | 0.060231     | 0.050974     | -0.05658   | -0.07168  |
| Intercept_15 | 0.045493                    | 0.058892     | 0.06062      | 0.056317     | 0.05541      | 0.060485     | 0.048522     | -0.05626   | -0.06427  |
| Intercept_16 | 0.038489                    | 0.051498     | 0.056317     | 0.064561     | 0.062087     | 0.064979     | 0.056346     | -0.05964   | -0.06853  |
| Intercept_17 | 0.0297                      | 0.051643     | 0.05541      | 0.062087     | 0.073142     | 0.083433     | 0.066584     | -0.07013   | -0.07298  |
| Intercept_18 | 0.030111                    | 0.060231     | 0.060485     | 0.064979     | 0.083433     | 0.139243     | 0.076755     | -0.09037   | -0.08888  |
| Intercept_19 | 0.017175                    | 0.050974     | 0.048522     | 0.056346     | 0.066584     | 0.076755     | 0.094043     | -0.07696   | -0.08923  |
| ra_grp_exp   | -0.02253                    | -0.05658     | -0.05626     | -0.05964     | -0.07013     | -0.09037     | -0.07696     | 0.089864   | 0.081999  |
| ra_grp_s8    | -0.02668                    | -0.07168     | -0.06427     | -0.06853     | -0.07298     | -0.08888     | -0.08923     | 0.081999   | 0.113488  |

|      | formula  |
|------|--|
|      | COL1   |
| ROW1 | -1.09047471337465*1+0.0194350419*Age+0.3195075507*SEXF-0.12912278723011*RHISP-0.28850774457736*RBLK-0.76966799319501* ROTH+0.0122024455*PT41-0.07832271563803*PT42-0.06319547247329*PT43+0.1770931472*PT44-0.7079202276274*PT45+0.7303379658* PT46+0.3496921261*PT48+0.1877638689*PT50+0.2973846913*PT50_1+0.0076169753*PT51-0.05164745416466*PT55+0.555923187* PT209+0.0838215993*PT211-0.07960287278938*PT212-0.05930749988671*PT213+0.7438903397*PT214+0.5791987175*PT233+0.1205131655* PT237 |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 73229.67 |
| Sum of Weights Used         | 8615.437 |

| Response Profile |                 |                    |                 |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |
| 1                | 13              | 118                | 111.7910        |  |  |  |  |
| 2                | 14              | 877                | 1003.1469       |  |  |  |  |
| 3                | 15              | 1396               | 1354.9749       |  |  |  |  |
| 4                | 16              | 1679               | 1896.3451       |  |  |  |  |
| 5                | 17              | 1654               | 1929.7211       |  |  |  |  |
| 6                | 18              | 1610               | 1820.1333       |  |  |  |  |
| 7                | 19              | 362                | 496.3984        |  |  |  |  |
| 8                | 20              | 1                  | 2.9260          |  |  |  |  |

#### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |            |        |  |  |  |
|---|------------|--------|--|--|--|
| Chi-Square                                      | Pr > ChiSq |        |  |  |  |
| 449.4920  | 12         | <.0001 |  |  |  |

| Model Fit Statistics                    |           |           |  |  |  |  |  |
|---|-----------|-----------|--|--|--|--|--|
| Intercept and Criterion Only Covariates |           |           |  |  |  |  |  |
| AIC                                     | 30367.128 | 30350.945 |  |  |  |  |  |
| sc                                      | 30415.768 | 30413.483 |  |  |  |  |  |
| -2 Log L                                | 30353.128 | 30332.945 |  |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |           |   |        |  |  |  |  |
|--|-----------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |           |   |        |  |  |  |  |
| Likelihood Ratio                       | 20.1821 2 |   | <.0001 |  |  |  |  |
| Score                                  | 18.9042   | 2 | <.0001 |  |  |  |  |
| Wald                                   | 0.9807    | 2 | 0.6124 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|
| Parameter [                              |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |
| Intercept                                | 13 | 1  | -4.4768  | 0.3450            | 168.3762           | <.0001     |  |  |
| Intercept                                | 14 | 1  | -2.0520  | 0.2090            | 96.4345            | <.0001     |  |  |
| Intercept                                | 15 | 1  | -1.0576  | 0.1852            | 32.6127            | <.0001     |  |  |
| Intercept                                | 16 | 1  | -0.1196  | 0.1916            | 0.3896             | 0.5325     |  |  |
| Intercept                                | 17 | 1  | 0.8530   | 0.2123            | 16.1404            | <.0001     |  |  |
| Intercept                                | 18 | 1  | 2.6482   | 0.3138            | 71.2387            | <.0001     |  |  |
| Intercept                                | 19 | 1  | 7.8504   | 0.9993            | 61.7161            | <.0001     |  |  |
| ra_grp_exp                               |    | 1  | 0.1618   | 0.2133            | 0.5753             | 0.4481     |  |  |
| ra_grp_s8                                |    | 1  | 0.2275   | 0.2298            | 0.9804             | 0.3221     |  |  |

| Odds Ratio Estimates                      |       |       |       |  |  |  |
|---|-------|-------|-------|--|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |  |
| ra_grp_exp                                | 1.176 | 0.774 | 1.786 |  |  |  |
| ra_grp_s8                                 | 1.255 | 0.800 | 1.970 |  |  |  |

| Association of Predicted Probabilities and Observed Responses |          |           |       |  |  |  |  |  |
|---|----------|-----------|-------|--|--|--|--|--|
| Percent Concordant  | 35.3     | Somers' D | 0.048 |  |  |  |  |  |
| Percent Discordant  | 30.6     | Gamma     | 0.072 |  |  |  |  |  |
| Percent Tied 34.1 Tau-a 0.039                                 |          |           |       |  |  |  |  |  |
| Pairs   | 24117019 | с         | 0.524 |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.119032                    | 0.032529     | 0.038689     | 0.045382     | 0.046999     | 0.050496     | 0.057511     | -0.03999   | -0.0483   |
| Intercept_14 | 0.032529                    | 0.043663     | 0.034901     | 0.031265     | 0.032072     | 0.040222     | 0.050667     | -0.03451   | -0.03256  |
| Intercept_15 | 0.038689                    | 0.034901     | 0.034296     | 0.032685     | 0.034393     | 0.044251     | 0.049143     | -0.03374   | -0.03402  |
| Intercept_16 | 0.045382                    | 0.031265     | 0.032685     | 0.03672      | 0.037794     | 0.046059     | 0.045421     | -0.03358   | -0.03572  |
| Intercept_17 | 0.046999                    | 0.032072     | 0.034393     | 0.037794     | 0.04508      | 0.057398     | 0.075993     | -0.03749   | -0.04052  |
| Intercept_18 | 0.050496                    | 0.040222     | 0.044251     | 0.046059     | 0.057398     | 0.098443     | 0.09624      | -0.04771   | -0.05823  |
| Intercept_19 | 0.057511                    | 0.050667     | 0.049143     | 0.045421     | 0.075993     | 0.09624      | 0.998592     | -0.06483   | -0.09368  |
| ra_grp_exp   | -0.03999                    | -0.03451     | -0.03374     | -0.03358     | -0.03749     | -0.04771     | -0.06483     | 0.0455     | 0.036999  |
| ra_grp_s8    | -0.0483                     | -0.03256     | -0.03402     | -0.03572     | -0.04052     | -0.05823     | -0.09368     | 0.036999   | 0.052794  |

| Domain Summary                         |        |  |  |  |  |
|--|--------|--|--|--|--|
| Number of Observations                 | 73420  |  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 445.2799 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 8                  | 8.42364         |  |  |  |
| 2                | 14              | 46                 | 53.69582        |  |  |  |
| 3                | 15              | 76                 | 78.07164        |  |  |  |
| 4                | 16              | 87                 | 94.25403        |  |  |  |
| 5                | 17              | 84                 | 102.76438       |  |  |  |
| 6                | 18              | 73                 | 82.62094        |  |  |  |

### **Domain Analysis for domain Imputation Number=1**

| Response Profile   |    |    |          |  |  |  |
|--|----|----|----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weight |    |    |          |  |  |  |
| 7  | 19 | 19 | 25.44950 |  |  |  |
| 8  | 20 | 0  | 0.00000  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 33.7403   | 12 | 0.0007 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1597.946 | 1600.412 |  |  |  |  |
| sc                                      | 1646.586 | 1662.949 |  |  |  |  |
| -2 Log L                                | 1583.946 | 1582.412 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 1.5341 | 2 | 0.4644 |  |  |  |  |
| Score                                  | 1.5272 | 2 | 0.4660 |  |  |  |  |
| Wald                                   | 1.7637 | 2 | 0.4140 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -3.8469  | 0.5080            | 57.3394            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.7160  | 0.3161            | 29.4677            | <.0001     |  |
| Intercept                                | 15 | 1  | -0.6699  | 0.2939            | 5.1932             | 0.0227     |  |
| Intercept                                | 16 | 1  | 0.2174   | 0.3076            | 0.4997             | 0.4796     |  |
| Intercept                                | 17 | 1  | 1.2497   | 0.3202            | 15.2324            | <.0001     |  |
| Intercept                                | 18 | 1  | 2.9150   | 0.3957            | 54.2740            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.4140  | 0.2936            | 11444.3440         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates          |  |   |         |        |        |        |
|---|--|---|---------|--------|--------|--------|
| Parameter DF Estimate Error Chi-Square Pr > ChiSo |  |   |         |        |        |        |
| ra_grp_exp  |  | 1 | -0.2287 | 0.3195 | 0.5123 | 0.4742 |
| ra_grp_s8   |  | 1 | -0.0344 | 0.3119 | 0.0121 | 0.9122 |

| Odds Ratio Estimates                             |       |       |       |  |
|--|-------|-------|-------|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                       | 0.796 | 0.425 | 1.488 |  |
| ra_grp_s8  | 0.966 | 0.524 | 1.781 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |
|--|-------|---|-------|--|--|
| Percent Concordant 32.4 Somers' D010                             |       |   |       |  |  |
| Percent Discordant 33.4 Gamma016                                 |       |   |       |  |  |
| Percent Tied 34.2 Tau-a008                                       |       |   |       |  |  |
| Pairs  | 63089 | С | 0.495 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.258094                    | 0.090025     | 0.090207     | 0.103632     | 0.100246     | 0.090545     | 0.071098     | -0.09344   | -0.10697  |
| Intercept_14 | 0.090025                    | 0.099933     | 0.086447     | 0.086042     | 0.079151     | 0.083548     | 0.062482     | -0.08351   | -0.08153  |
| Intercept_15 | 0.090207                    | 0.086447     | 0.086406     | 0.087511     | 0.083203     | 0.088538     | 0.06627      | -0.08424   | -0.08154  |
| Intercept_16 | 0.103632                    | 0.086042     | 0.087511     | 0.094588     | 0.089176     | 0.09318      | 0.070175     | -0.08794   | -0.08455  |
| Intercept_17 | 0.100246                    | 0.079151     | 0.083203     | 0.089176     | 0.102526     | 0.106517     | 0.073744     | -0.08998   | -0.08802  |
| Intercept_18 | 0.090545                    | 0.083548     | 0.088538     | 0.09318      | 0.106517     | 0.156566     | 0.075764     | -0.09724   | -0.09466  |
| Intercept_19 | 0.071098                    | 0.062482     | 0.06627      | 0.070175     | 0.073744     | 0.075764     | 0.086229     | -0.0822    | -0.07138  |
| ra_grp_exp   | -0.09344                    | -0.08351     | -0.08424     | -0.08794     | -0.08998     | -0.09724     | -0.0822      | 0.102093   | 0.088115  |
| ra_grp_s8    | -0.10697                    | -0.08153     | -0.08154     | -0.08455     | -0.08802     | -0.09466     | -0.07138     | 0.088115   | 0.097283  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | Model Information        |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 115                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 415.7688 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 5.202315        |  |
| 2                | 14              | 46                 | 49.018136       |  |
| 3                | 15              | 57                 | 56.992575       |  |
| 4                | 16              | 88                 | 96.208525       |  |
| 5                | 17              | 85                 | 94.126710       |  |
| 6                | 18              | 77                 | 90.844484       |  |

### **Domain Analysis for domain Imputation Number=2**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 16                 | 23.376019       |  |
| 8                | 20              | 0                  | 0.000000        |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 39.8904   | 12 | <.0001 |  |  |

| Model Fit Statistics |                   |                                |  |  |
|----------------------|-------------------|--------------------------------|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |
| AIC                  | 1467.880          | 1471.285                       |  |  |
| sc                   | 1516.520          | 1533.822                       |  |  |
| -2 Log L             | 1453.880          | 1453.285                       |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiS           |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.5948 | 2 | 0.7428 |  |  |  |
| Score                                  | 0.6111 | 2 | 0.7367 |  |  |  |
| Wald                                   | 0.4865 | 2 | 0.7841 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.4035  | 0.5678            | 60.1503            | <.0001     |
| Intercept                                | 14 | 1  | -1.9338  | 0.2574            | 56.4501            | <.0001     |
| Intercept                                | 15 | 1  | -1.0456  | 0.2371            | 19.4428            | <.0001     |
| Intercept                                | 16 | 1  | -0.0405  | 0.2599            | 0.0243             | 0.8762     |
| Intercept                                | 17 | 1  | 0.9388   | 0.2678            | 12.2904            | 0.0005     |
| Intercept                                | 18 | 1  | 2.7900   | 0.3691            | 57.1441            | <.0001     |
| Intercept                                | 19 | 1  | 31.2079  | 0.2913            | 11473.6712         | <.0001     |

| Analysis of Maximum Likelihood Estimates          |  |   |         |        |        |            |
|---|--|---|---------|--------|--------|------------|
| Parameter DF Estimate Error Chi-Square Pr > ChiSq |  |   |         |        |        | Pr > ChiSq |
| ra_grp_exp  |  | 1 | 0.1082  | 0.2674 | 0.1636 | 0.6859     |
| ra_grp_s8   |  | 1 | -0.0392 | 0.3150 | 0.0155 | 0.9008     |

| Odds Ratio Estimates                             |       |             |       |  |  |
|--|-------|-------------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |             |       |  |  |
| ra_grp_exp                                       | 1.114 | 0.660 1.882 |       |  |  |
| ra_grp_s8  | 0.962 | 0.519       | 1.783 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |                                 |       |       |  |  |  |
|--|---------------------------------|-------|-------|--|--|--|
| Percent Concordant 34.2 Somers' D 0.023                          |                                 |       |       |  |  |  |
| Percent Discordant   | 31.9                            | Gamma | 0.035 |  |  |  |
| Percent Tied   | cent Tied 33.9 Tau-a 0.019      |       |       |  |  |  |
| Pairs  | <b>Pairs</b> 57035 <b>c</b> 0.5 |       |       |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.32237                     | 0.087506     | 0.088484     | 0.10089      | 0.096207     | 0.031412     | 0.099782     | -0.08413   | -0.1231   |
| Intercept_14 | 0.087506                    | 0.066248     | 0.053573     | 0.051762     | 0.050938     | 0.035221     | 0.056174     | -0.05965   | -0.05465  |
| Intercept_15 | 0.088484                    | 0.053573     | 0.056226     | 0.057608     | 0.056763     | 0.048146     | 0.051271     | -0.05235   | -0.06063  |
| Intercept_16 | 0.10089                     | 0.051762     | 0.057608     | 0.067573     | 0.064385     | 0.056285     | 0.055324     | -0.0501    | -0.07037  |
| Intercept_17 | 0.096207                    | 0.050938     | 0.056763     | 0.064385     | 0.071705     | 0.067697     | 0.055527     | -0.05377   | -0.06901  |
| Intercept_18 | 0.031412                    | 0.035221     | 0.048146     | 0.056285     | 0.067697     | 0.136222     | 0.038801     | -0.04758   | -0.06128  |
| Intercept_19 | 0.099782                    | 0.056174     | 0.051271     | 0.055324     | 0.055527     | 0.038801     | 0.084884     | -0.05912   | -0.07576  |
| ra_grp_exp   | -0.08413                    | -0.05965     | -0.05235     | -0.0501      | -0.05377     | -0.04758     | -0.05912     | 0.071519   | 0.058797  |
| ra_grp_s8    | -0.1231                     | -0.05465     | -0.06063     | -0.07037     | -0.06901     | -0.06128     | -0.07576     | 0.058797   | 0.099211  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method Taylor Serie |                         |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 425.783  |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 4.573591        |  |  |  |
| 2                | 14              | 47                 | 53.018236       |  |  |  |
| 3                | 15              | 73                 | 73.965839       |  |  |  |
| 4                | 16              | 82                 | 94.412446       |  |  |  |
| 5                | 17              | 77                 | 99.079245       |  |  |  |
| 6                | 18              | 69                 | 80.374163       |  |  |  |

### **Domain Analysis for domain Imputation Number=3**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 13                 | 20.359488       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |
|---|----|--------|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |
| 26.4832   | 12 | 0.0092 |  |  |  |  |

| Model Fit Statistics |                                    |          |  |  |  |
|----------------------|------------------------------------|----------|--|--|--|
| Criterion            | Criterion Intercept and Covariates |          |  |  |  |
| AIC                  | 1500.447                           | 1494.679 |  |  |  |
| sc                   | 1549.087                           | 1557.216 |  |  |  |
| -2 Log L             | 1486.447                           | 1476.679 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 9.7676     | 2  | 0.0076     |  |  |  |
| Score                                  | 9.2951     | 2  | 0.0096     |  |  |  |
| Wald                                   | 8.1885     | 2  | 0.0167     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.9180  | 0.5375            | 83.7044            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2406  | 0.3388            | 43.7254            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1758  | 0.2854            | 16.9658            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.2359  | 0.2932            | 0.6471             | 0.4212     |  |
| Intercept                                | 17 | 1  | 0.8248   | 0.2877            | 8.2181             | 0.0041     |  |
| Intercept                                | 18 | 1  | 2.6630   | 0.4469            | 35.5023            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9582  | 0.3075            | 10138.1688         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |            |        |
|---|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp  |  | 1 | 0.2273 | 0.3324 | 0.4675     | 0.4941 |
| ra_grp_s8   |  | 1 | 0.6937 | 0.2910 | 5.6822     | 0.0171 |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.255 | 0.654 | 2.408 |  |  |
| ra_grp_s8  | 2.001 | 1.131 | 3.540 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 37.2  | Somers' D | 0.099 |  |  |  |
| Percent Discordant   | 27.3  | Gamma     | 0.153 |  |  |  |
| Percent Tied   | 35.5  | Tau-a     | 0.080 |  |  |  |
| Pairs  | 54405 | С         | 0.549 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.288957                    | 0.105417     | 0.09183      | 0.096538     | 0.087297     | 0.135036     | 0.086686     | -0.10579   | -0.0789   |
| Intercept_14 | 0.105417                    | 0.114809     | 0.091297     | 0.086462     | 0.080844     | 0.094488     | 0.074474     | -0.09929   | -0.07354  |
| Intercept_15 | 0.09183                     | 0.091297     | 0.081482     | 0.077368     | 0.071479     | 0.089589     | 0.064571     | -0.08285   | -0.06558  |
| Intercept_16 | 0.096538                    | 0.086462     | 0.077368     | 0.085976     | 0.07708      | 0.102587     | 0.068991     | -0.08348   | -0.06696  |
| Intercept_17 | 0.087297                    | 0.080844     | 0.071479     | 0.07708      | 0.082781     | 0.11075      | 0.071467     | -0.08428   | -0.06614  |
| Intercept_18 | 0.135036                    | 0.094488     | 0.089589     | 0.102587     | 0.11075      | 0.199754     | 0.097535     | -0.1102    | -0.08488  |
| Intercept_19 | 0.086686                    | 0.074474     | 0.064571     | 0.068991     | 0.071467     | 0.097535     | 0.094535     | -0.0882    | -0.06696  |
| ra_grp_exp   | -0.10579                    | -0.09929     | -0.08285     | -0.08348     | -0.08428     | -0.1102      | -0.0882      | 0.110488   | 0.071217  |
| ra_grp_s8    | -0.0789                     | -0.07354     | -0.06558     | -0.06696     | -0.06614     | -0.08488     | -0.06696     | 0.071217   | 0.084683  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |
|----------------------|-------------------------|--|--|--|
| Method Taylor Series |                         |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 463.0487 |

| Response Profile |                 |                    |                 |  |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |  |
| 1                | 13              | 6                  | 5.90790         |  |  |  |  |  |  |
| 2                | 14              | 43                 | 49.00206        |  |  |  |  |  |  |
| 3                | 15              | 85                 | 83.91772        |  |  |  |  |  |  |
| 4                | 16              | 82                 | 92.18111        |  |  |  |  |  |  |
| 5                | 17              | 86                 | 105.85440       |  |  |  |  |  |  |
| 6                | 18              | 86                 | 97.88081        |  |  |  |  |  |  |

### **Domain Analysis for domain Imputation Number=4**

| Response Profile   |    |    |          |  |  |  |  |
|--|----|----|----------|--|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weig |    |    |          |  |  |  |  |
| 7  | 19 | 19 | 28.30475 |  |  |  |  |
| 8  | 20 | 0  | 0.00000  |  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |  |
| 19.0698 12 0.0869                               |  |  |  |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |  |
|---|----------|----------|--|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |  |
| AIC                                     | 1644.761 | 1646.595 |  |  |  |  |  |
| sc                                      | 1693.402 | 1709.132 |  |  |  |  |  |
| -2 Log L                                | 1630.761 | 1628.595 |  |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |  |  |
|--|--------|---|--------|--|--|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |  |  |
| Likelihood Ratio                       | 2.1665 | 2 | 0.3385 |  |  |  |  |  |  |
| Score                                  | 2.1677 | 2 | 0.3383 |  |  |  |  |  |  |
| Wald                                   | 1.5774 | 2 | 0.4544 |  |  |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |  |
| Intercept                                | 13 | 1  | -4.4307  | 0.5529            | 64.2132            | <.0001     |  |  |  |
| Intercept                                | 14 | 1  | -2.0852  | 0.2703            | 59.5063            | <.0001     |  |  |  |
| Intercept                                | 15 | 1  | -0.9225  | 0.2294            | 16.1664            | <.0001     |  |  |  |
| Intercept                                | 16 | 1  | -0.0764  | 0.2321            | 0.1083             | 0.7421     |  |  |  |
| Intercept                                | 17 | 1  | 0.9116   | 0.2292            | 15.8174            | <.0001     |  |  |  |
| Intercept                                | 18 | 1  | 2.6640   | 0.3334            | 63.8584            | <.0001     |  |  |  |
| Intercept                                | 19 | 1  | 31.2713  | 0.2500            | 15645.1396         | <.0001     |  |  |  |

| Analysis of Maximum Likelihood Estimates          |  |   |         |        |        |        |  |  |
|---|--|---|---------|--------|--------|--------|--|--|
| Parameter DF Estimate Error Chi-Square Pr > ChiSo |  |   |         |        |        |        |  |  |
| ra_grp_exp  |  | 1 | -0.0180 | 0.2503 | 0.0052 | 0.9426 |  |  |
| ra_grp_s8   |  | 1 | 0.2451  | 0.2872 | 0.7283 | 0.3934 |  |  |

| Odds Ratio Estimates                      |       |                |       |  |  |  |  |
|---|-------|----------------|-------|--|--|--|--|
| Point 95% Wald Estimate Confidence Limits |       |                |       |  |  |  |  |
| ra_grp_exp                                | 0.982 | 32 0.601 1.604 |       |  |  |  |  |
| ra_grp_s8                                 | 1.278 | 0.728          | 2.244 |  |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |  |  |
|--|-------|---|-------|--|--|--|--|--|--|
| Percent Concordant 34.4 Somers' D 0.030                          |       |   |       |  |  |  |  |  |  |
| Percent Discordant 31.4 Gamma 0.046                              |       |   |       |  |  |  |  |  |  |
| Percent Tied 34.2 Tau-a 0.025                                    |       |   |       |  |  |  |  |  |  |
| Pairs  | 67331 | С | 0.515 |  |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |  |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|--|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |  |
| Intercept_13 | 0.305719                    | 0.066943     | 0.069651     | 0.076337     | 0.071767     | 0.066098     | 0.072267     | -0.06547   | -0.09352  |  |
| Intercept_14 | 0.066943                    | 0.073067     | 0.055346     | 0.048967     | 0.045176     | 0.053507     | 0.030065     | -0.04609   | -0.05285  |  |
| Intercept_15 | 0.069651                    | 0.055346     | 0.052644     | 0.048335     | 0.044625     | 0.055292     | 0.036953     | -0.04814   | -0.05442  |  |
| Intercept_16 | 0.076337                    | 0.048967     | 0.048335     | 0.053882     | 0.047284     | 0.059197     | 0.042362     | -0.04616   | -0.05567  |  |
| Intercept_17 | 0.071767                    | 0.045176     | 0.044625     | 0.047284     | 0.052533     | 0.065892     | 0.039249     | -0.04429   | -0.05478  |  |
| Intercept_18 | 0.066098                    | 0.053507     | 0.055292     | 0.059197     | 0.065892     | 0.111134     | 0.048328     | -0.05281   | -0.073    |  |
| Intercept_19 | 0.072267                    | 0.030065     | 0.036953     | 0.042362     | 0.039249     | 0.048328     | 0.062505     | -0.04602   | -0.05055  |  |
| ra_grp_exp   | -0.06547                    | -0.04609     | -0.04814     | -0.04616     | -0.04429     | -0.05281     | -0.04602     | 0.062664   | 0.049863  |  |
| ra_grp_s8    | -0.09352                    | -0.05285     | -0.05442     | -0.05567     | -0.05478     | -0.073       | -0.05055     | 0.049863   | 0.082503  |  |

| Domain Summary                         |        |  |  |  |  |
|--|--------|--|--|--|--|
| Number of Observations                 | 73420  |  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 425.0603 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 7                  | 6.20648         |  |  |  |
| 2                | 14              | 38                 | 43.45633        |  |  |  |
| 3                | 15              | 71                 | 66.69830        |  |  |  |
| 4                | 16              | 87                 | 105.59901       |  |  |  |
| 5                | 17              | 85                 | 93.34395        |  |  |  |
| 6                | 18              | 79                 | 92.10578        |  |  |  |

### **Domain Analysis for domain Imputation Number=5**

| Response Profile   |    |    |          |  |  |
|--|----|----|----------|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weight |    |    |          |  |  |
| 7  | 19 | 13 | 17.65044 |  |  |
| 8  | 20 | 0  | 0.00000  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 23.8117   | 12 | 0.0216 |  |  |  |  |  |

| Model Fit Statistics                          |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept Intercept Criterion Only Covariates |          |          |  |  |  |  |
| AIC   | 1482.865 | 1485.633 |  |  |  |  |
| sc  | 1531.505 | 1548.171 |  |  |  |  |
| -2 Log L                                      | 1468.865 | 1467.633 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 1.2316 | 2 | 0.5402 |  |  |  |  |
| Score                                  | 1.1839 | 2 | 0.5533 |  |  |  |  |
| Wald                                   | 0.8860 | 2 | 0.6421 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.3651  | 0.4849            | 81.0303            | <.0001     |
| Intercept                                | 14 | 1  | -2.1750  | 0.2543            | 73.1659            | <.0001     |
| Intercept                                | 15 | 1  | -1.1272  | 0.2137            | 27.8144            | <.0001     |
| Intercept                                | 16 | 1  | -0.0639  | 0.2119            | 0.0911             | 0.7628     |
| Intercept                                | 17 | 1  | 0.9035   | 0.2398            | 14.1908            | 0.0002     |
| Intercept                                | 18 | 1  | 2.9933   | 0.3712            | 65.0378            | <.0001     |
| Intercept                                | 19 | 1  | 31.1159  | 0.2572            | 14640.4330         | <.0001     |

| Analysis of Maximum Likelihood Estimates          |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Error Chi-Square Pr > ChiSo |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.1663 | 0.2468 | 0.4541 | 0.5004 |
| ra_grp_s8   |  | 1 | 0.2477 | 0.2632 | 0.8852 | 0.3468 |

| Odds Ratio Estimates             |       |       |       |  |
|----------------------------------|-------|-------|-------|--|
| Point 95% Wald Confidence Limits |       |       |       |  |
| ra_grp_exp                       | 1.181 | 0.728 | 1.916 |  |
| ra_grp_s8                        | 1.281 | 0.765 | 2.146 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Percent Concordant 35.8 Somers' D 0.054                          |       |       |       |  |  |
| Percent Discordant   | 30.3  | Gamma | 0.082 |  |  |
| Percent Tied 33.9 Tau-a 0.0                                      |       |       |       |  |  |
| Pairs  | 58331 | с     | 0.527 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.235148                    | 0.0531       | 0.054146     | 0.057467     | 0.06313      | 0.05719      | 0.060683     | -0.05696   | -0.06021  |
| Intercept_14 | 0.0531                      | 0.064658     | 0.048017     | 0.03753      | 0.046209     | 0.037307     | 0.038606     | -0.04584   | -0.03833  |
| Intercept_15 | 0.054146                    | 0.048017     | 0.045677     | 0.03911      | 0.044382     | 0.043954     | 0.037428     | -0.04345   | -0.03921  |
| Intercept_16 | 0.057467                    | 0.03753      | 0.03911      | 0.044887     | 0.047208     | 0.050094     | 0.039481     | -0.04212   | -0.04113  |
| Intercept_17 | 0.06313                     | 0.046209     | 0.044382     | 0.047208     | 0.057523     | 0.059939     | 0.044107     | -0.04806   | -0.04786  |
| Intercept_18 | 0.05719                     | 0.037307     | 0.043954     | 0.050094     | 0.059939     | 0.137763     | 0.039483     | -0.04232   | -0.05925  |
| Intercept_19 | 0.060683                    | 0.038606     | 0.037428     | 0.039481     | 0.044107     | 0.039483     | 0.066132     | -0.05082   | -0.05155  |
| ra_grp_exp   | -0.05696                    | -0.04584     | -0.04345     | -0.04212     | -0.04806     | -0.04232     | -0.05082     | 0.060919   | 0.045128  |
| ra_grp_s8    | -0.06021                    | -0.03833     | -0.03921     | -0.04113     | -0.04786     | -0.05925     | -0.05155     | 0.045128   | 0.069289  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 456.9774 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 2                  | 2.27913         |  |
| 2                | 14              | 48                 | 58.32678        |  |
| 3                | 15              | 77                 | 77.47101        |  |
| 4                | 16              | 89                 | 97.05649        |  |
| 5                | 17              | 85                 | 107.73928       |  |
| 6                | 18              | 75                 | 84.35092        |  |

### **Domain Analysis for domain Imputation Number=6**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 17                 | 26.82780        |  |
| 8                | 20              | 1                  | 2.92599         |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |        |  |
|---|----|--------|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |
| 63.9722   | 12 | <.0001 |  |

| Model Fit Statistics |                   |                                |  |  |
|----------------------|-------------------|--------------------------------|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |
| AIC                  | 1632.108          | 1632.509                       |  |  |
| sc                   | 1680.748          | 1695.046                       |  |  |
| -2 Log L             | 1618.108          | 1614.509                       |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |
|--|--------|---|--------|--|--|
| Test Chi-Square DF Pr > ChiS           |        |   |        |  |  |
| Likelihood Ratio                       | 3.5994 | 2 | 0.1653 |  |  |
| Score                                  | 3.7163 | 2 | 0.1560 |  |  |
| Wald                                   | 2.2970 | 2 | 0.3171 |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -5.2982  | 1.0094            | 27.5523            | <.0001     |
| Intercept                                | 14 | 1  | -1.8786  | 0.2942            | 40.7846            | <.0001     |
| Intercept                                | 15 | 1  | -0.8368  | 0.2565            | 10.6453            | 0.0011     |
| Intercept                                | 16 | 1  | 0.0659   | 0.2636            | 0.0625             | 0.8026     |
| Intercept                                | 17 | 1  | 1.1198   | 0.3078            | 13.2356            | 0.0003     |
| Intercept                                | 18 | 1  | 2.6861   | 0.4972            | 29.1880            | <.0001     |
| Intercept                                | 19 | 1  | 5.0643   | 1.0745            | 22.2128            | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |         |        |        |        |
|---|--|---|---------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |         |        |        |        |
| ra_grp_exp  |  | 1 | 0.1329  | 0.2852 | 0.2173 | 0.6411 |
| ra_grp_s8   |  | 1 | -0.2245 | 0.2955 | 0.5771 | 0.4474 |

| Odds Ratio Estimates                             |       |             |       |  |  |
|--|-------|-------------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |             |       |  |  |
| ra_grp_exp                                       | 1.142 | 0.653 1.997 |       |  |  |
| ra_grp_s8  | 0.799 | 0.448       | 1.426 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 34.6 Somers' D 0.04                           |       |       |       |  |  |  |
| Percent Discordant   | 30.5  | Gamma | 0.063 |  |  |  |
| Percent Tied 34.9 Tau-a 0.03                                     |       |       |       |  |  |  |
| Pairs  | 62969 | с     | 0.521 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 1.018808                    | 0.062882     | 0.080653     | 0.134575     | 0.124399     | 0.129505     | 0.263561     | -0.0964    | -0.08696  |
| Intercept_14 | 0.062882                    | 0.086535     | 0.068443     | 0.061445     | 0.067686     | 0.087886     | 0.189294     | -0.06795   | -0.05013  |
| Intercept_15 | 0.080653                    | 0.068443     | 0.065775     | 0.062066     | 0.069671     | 0.097428     | 0.183727     | -0.06477   | -0.0541   |
| Intercept_16 | 0.134575                    | 0.061445     | 0.062066     | 0.069497     | 0.074219     | 0.105358     | 0.179253     | -0.06359   | -0.06053  |
| Intercept_17 | 0.124399                    | 0.067686     | 0.069671     | 0.074219     | 0.09474      | 0.137622     | 0.229363     | -0.07095   | -0.07605  |
| Intercept_18 | 0.129505                    | 0.087886     | 0.097428     | 0.105358     | 0.137622     | 0.247195     | 0.415608     | -0.09852   | -0.11697  |
| Intercept_19 | 0.263561                    | 0.189294     | 0.183727     | 0.179253     | 0.229363     | 0.415608     | 1.154626     | -0.19928   | -0.15888  |
| ra_grp_exp   | -0.0964                     | -0.06795     | -0.06477     | -0.06359     | -0.07095     | -0.09852     | -0.19928     | 0.081322   | 0.056402  |
| ra_grp_s8    | -0.08696                    | -0.05013     | -0.0541      | -0.06053     | -0.07605     | -0.11697     | -0.15888     | 0.056402   | 0.087348  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 435.136  |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 5.06401         |  |  |  |
| 2                | 14              | 45                 | 45.05824        |  |  |  |
| 3                | 15              | 76                 | 72.53628        |  |  |  |
| 4                | 16              | 92                 | 102.91441       |  |  |  |
| 5                | 17              | 88                 | 101.56074       |  |  |  |
| 6                | 18              | 75                 | 83.97531        |  |  |  |

### **Domain Analysis for domain Imputation Number=7**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 19                 | 24.02697        |  |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 16.1683   | 12 | 0.1836     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1531.157          | 1533.073                       |  |  |  |
| sc                   | 1579.797          | 1595.610                       |  |  |  |
| -2 Log L             | 1517.157          | 1515.073                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |                          |   |        |  |  |  |
|--|--------------------------|---|--------|--|--|--|
| Test                                   | Chi-Square DF Pr > ChiSq |   |        |  |  |  |
| Likelihood Ratio                       | 2.0848                   | 2 | 0.3526 |  |  |  |
| Score                                  | 1.9676                   | 2 | 0.3739 |  |  |  |
| Wald                                   | 1.3573                   | 2 | 0.5073 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.6601  | 0.5213            | 79.9176            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2582  | 0.2822            | 64.0291            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1547  | 0.2283            | 25.5691            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1440  | 0.2292            | 0.3949             | 0.5297     |  |
| Intercept                                | 17 | 1  | 0.8949   | 0.2476            | 13.0606            | 0.0003     |  |
| Intercept                                | 18 | 1  | 2.6335   | 0.3534            | 55.5250            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0784  | 0.2852            | 11876.2493         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |            |        |        |
|---|--|---|--------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSc |  |   |        | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.2895 | 0.2811     | 1.0606 | 0.3031 |
| ra_grp_s8   |  | 1 | 0.2810 | 0.2649     | 1.1252 | 0.2888 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.336 | 0.770 | 2.317 |  |  |
| ra_grp_s8                                 | 1.324 | 0.788 | 2.226 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 35.7  | Somers' D | 0.058 |  |  |  |
| Percent Discordant   | 29.9  | Gamma     | 0.089 |  |  |  |
| Percent Tied   | 34.3  | Tau-a     | 0.048 |  |  |  |
| Pairs  | 64990 | С         | 0.529 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.271738                    | 0.077191     | 0.073911     | 0.075041     | 0.082671     | 0.078939     | 0.085586     | -0.06507   | -0.07541  |
| Intercept_14 | 0.077191                    | 0.07964      | 0.055997     | 0.050383     | 0.045294     | 0.053464     | 0.053842     | -0.05819   | -0.05143  |
| Intercept_15 | 0.073911                    | 0.055997     | 0.052142     | 0.04703      | 0.046242     | 0.055493     | 0.047598     | -0.04914   | -0.04559  |
| Intercept_16 | 0.075041                    | 0.050383     | 0.04703      | 0.052539     | 0.051287     | 0.05842      | 0.052398     | -0.05228   | -0.04638  |
| Intercept_17 | 0.082671                    | 0.045294     | 0.046242     | 0.051287     | 0.061319     | 0.07053      | 0.05596      | -0.05485   | -0.04956  |
| Intercept_18 | 0.078939                    | 0.053464     | 0.055493     | 0.05842      | 0.07053      | 0.1249       | 0.067673     | -0.06445   | -0.06826  |
| Intercept_19 | 0.085586                    | 0.053842     | 0.047598     | 0.052398     | 0.05596      | 0.067673     | 0.081328     | -0.06625   | -0.05565  |
| ra_grp_exp   | -0.06507                    | -0.05819     | -0.04914     | -0.05228     | -0.05485     | -0.06445     | -0.06625     | 0.079011   | 0.045535  |
| ra_grp_s8    | -0.07541                    | -0.05143     | -0.04559     | -0.04638     | -0.04956     | -0.06826     | -0.05565     | 0.045535   | 0.07018   |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 421.2233 |

| Response Profile |                 |                    |                 |  |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |  |
| 1                | 13              | 4                  | 3.424857        |  |  |  |  |  |  |
| 2                | 14              | 41                 | 51.303538       |  |  |  |  |  |  |
| 3                | 15              | 66                 | 65.524449       |  |  |  |  |  |  |
| 4                | 16              | 75                 | 86.439385       |  |  |  |  |  |  |
| 5                | 17              | 85                 | 94.909360       |  |  |  |  |  |  |
| 6                | 18              | 84                 | 96.904236       |  |  |  |  |  |  |

### **Domain Analysis for domain Imputation Number=8**

| Response Profile                                      |    |    |           |  |  |  |  |  |
|---|----|----|-----------|--|--|--|--|--|
| Ordered Total To Value f_mh_pts_rec_yt Frequency Weig |    |    |           |  |  |  |  |  |
| 7   | 19 | 17 | 22.717455 |  |  |  |  |  |
| 8   | 20 | 0  | 0.000000  |  |  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |                   |  |  |  |  |  |  |  |  |
|---|-------------------|--|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |                   |  |  |  |  |  |  |  |  |
| 28.0542   | 28.0542 12 0.0054 |  |  |  |  |  |  |  |  |

| Model Fit Statistics                  |          |          |  |  |  |  |  |
|---------------------------------------|----------|----------|--|--|--|--|--|
| Intercept ar Criterion Only Covariate |          |          |  |  |  |  |  |
| AIC                                   | 1480.967 | 1483.103 |  |  |  |  |  |
| sc                                    | 1529.607 | 1545.641 |  |  |  |  |  |
| -2 Log L                              | 1466.967 | 1465.103 |  |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |  |  |
|--|--------|---|--------|--|--|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |  |  |
| Likelihood Ratio                       | 1.8635 | 2 | 0.3939 |  |  |  |  |  |  |
| <b>Score</b> 1.8709 2 0.392            |        |   |        |  |  |  |  |  |  |
| Wald                                   | 1.5038 | 2 | 0.4715 |  |  |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |  |
| Intercept                                | 13 | 1  | -4.9198  | 0.6461            | 57.9792            | <.0001     |  |  |  |
| Intercept                                | 14 | 1  | -2.0150  | 0.2898            | 48.3559            | <.0001     |  |  |  |
| Intercept                                | 15 | 1  | -1.0288  | 0.2437            | 17.8188            | <.0001     |  |  |  |
| Intercept                                | 16 | 1  | -0.1498  | 0.2453            | 0.3730             | 0.5414     |  |  |  |
| Intercept                                | 17 | 1  | 0.8125   | 0.2577            | 9.9434             | 0.0016     |  |  |  |
| Intercept                                | 18 | 1  | 2.7589   | 0.3486            | 62.6350            | <.0001     |  |  |  |
| Intercept                                | 19 | 1  | 31.1488  | 0.2365            | 17349.1516         | <.0001     |  |  |  |

| Analysis of Maximum Likelihood Estimates          |  |   |        |        |        |        |  |  |
|---|--|---|--------|--------|--------|--------|--|--|
| Parameter DF Estimate Error Chi-Square Pr > ChiSq |  |   |        |        |        |        |  |  |
| ra_grp_exp  |  | 1 | 0.0596 | 0.2983 | 0.0399 | 0.8416 |  |  |
| ra_grp_s8   |  | 1 | 0.2898 | 0.2807 | 1.0664 | 0.3018 |  |  |

| Odds Ratio Estimates                      |                              |       |       |  |  |  |  |
|---|------------------------------|-------|-------|--|--|--|--|
| Point 95% Wald Estimate Confidence Limits |                              |       |       |  |  |  |  |
| ra_grp_exp                                | <b>exp</b> 1.061 0.592 1.904 |       |       |  |  |  |  |
| ra_grp_s8                                 | 1.336                        | 0.771 | 2.316 |  |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |  |  |
|--|-------|---|-------|--|--|--|--|--|--|
| Percent Concordant36.6Somers' D0.072                             |       |   |       |  |  |  |  |  |  |
| Percent Discordant 29.4 Gamma 0.10                               |       |   |       |  |  |  |  |  |  |
| Percent Tied 34.0 Tau-a 0.059                                    |       |   |       |  |  |  |  |  |  |
| Pairs  | 56068 | с | 0.536 |  |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |  |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|--|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |  |
| Intercept_13 | 0.417475                    | 0.082581     | 0.070076     | 0.062854     | 0.054561     | 0.088181     | 0.055416     | -0.04936   | -0.10507  |  |
| Intercept_14 | 0.082581                    | 0.083963     | 0.059345     | 0.053747     | 0.052        | 0.059177     | 0.044481     | -0.06489   | -0.05083  |  |
| Intercept_15 | 0.070076                    | 0.059345     | 0.059404     | 0.055154     | 0.054889     | 0.059243     | 0.042001     | -0.06181   | -0.0506   |  |
| Intercept_16 | 0.062854                    | 0.053747     | 0.055154     | 0.060156     | 0.057497     | 0.056563     | 0.046411     | -0.06108   | -0.05395  |  |
| Intercept_17 | 0.054561                    | 0.052        | 0.054889     | 0.057497     | 0.06639      | 0.071134     | 0.047626     | -0.06626   | -0.05257  |  |
| Intercept_18 | 0.088181                    | 0.059177     | 0.059243     | 0.056563     | 0.071134     | 0.121518     | 0.04607      | -0.06861   | -0.06782  |  |
| Intercept_19 | 0.055416                    | 0.044481     | 0.042001     | 0.046411     | 0.047626     | 0.04607      | 0.055925     | -0.05717   | -0.04924  |  |
| ra_grp_exp   | -0.04936                    | -0.06489     | -0.06181     | -0.06108     | -0.06626     | -0.06861     | -0.05717     | 0.088963   | 0.056037  |  |
| ra_grp_s8    | -0.10507                    | -0.05083     | -0.0506      | -0.05395     | -0.05257     | -0.06782     | -0.04924     | 0.056037   | 0.078784  |  |

| Domain Summary                         |        |  |  |  |  |
|--|--------|--|--|--|--|
| Number of Observations                 | 73420  |  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 436.5452 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 4.764930        |  |  |  |
| 2                | 14              | 44                 | 48.641954       |  |  |  |
| 3                | 15              | 78                 | 76.107109       |  |  |  |
| 4                | 16              | 76                 | 90.611361       |  |  |  |
| 5                | 17              | 82                 | 93.473203       |  |  |  |
| 6                | 18              | 87                 | 99.906483       |  |  |  |

### **Domain Analysis for domain Imputation Number=9**

| Response Profile   |    |    |           |  |  |  |
|--|----|----|-----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weight |    |    |           |  |  |  |
| 7  | 19 | 18 | 23.040201 |  |  |  |
| 8  | 20 | 0  | 0.000000  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 18.7457   | 12 | 0.0949 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1539.685 | 1542.484 |  |  |  |  |
| sc                                      | 1588.325 | 1605.021 |  |  |  |  |
| -2 Log L                                | 1525.685 | 1524.484 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 1.2011 | 2 | 0.5485 |  |  |  |  |
| Score                                  | 1.1670 | 2 | 0.5580 |  |  |  |  |
| Wald                                   | 0.9329 | 2 | 0.6272 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |  |   |         |        |            |            |  |
|--|--|---|---------|--------|------------|------------|--|
| Parameter                                | Parameter DF Estimate Standard Wald Chi-Square |   |         |        |            | Pr > ChiSq |  |
| Intercept                                | 13   | 1 | -4.6572 | 0.5549 | 70.4365    | <.0001     |  |
| Intercept                                | 14   | 1 | -2.1197 | 0.2363 | 80.4580    | <.0001     |  |
| Intercept                                | 15   | 1 | -1.0106 | 0.2093 | 23.3183    | <.0001     |  |
| Intercept                                | 16   | 1 | -0.1311 | 0.2151 | 0.3713     | 0.5423     |  |
| Intercept                                | 17   | 1 | 0.7880  | 0.2447 | 10.3726    | 0.0013     |  |
| Intercept                                | 18   | 1 | 2.7432  | 0.3839 | 51.0509    | <.0001     |  |
| Intercept                                | 19   | 1 | 30.9610 | 0.2630 | 13856.1556 | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.1489 | 0.2609 | 0.3255 | 0.5683 |
| ra_grp_s8   |  | 1 | 0.2499 | 0.2598 | 0.9253 | 0.3361 |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.161 | 0.696 | 1.935 |  |
| ra_grp_s8                                 | 1.284 | 0.772 | 2.136 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |
|--|-------|---|-------|--|
| Percent Concordant 35.9 Somers' D 0.064                          |       |   |       |  |
| Percent Discordant 29.5 Gamma 0.098                              |       |   |       |  |
| Percent Tied 34.6 Tau-a 0.0                                      |       |   |       |  |
| Pairs  | 61831 | С | 0.532 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.307925                    | 0.038109     | 0.048054     | 0.057403     | 0.057544     | 0.03904      | 0.057967     | -0.0396    | -0.04796  |
| Intercept_14 | 0.038109                    | 0.055843     | 0.041396     | 0.037383     | 0.040211     | 0.050799     | 0.033104     | -0.043     | -0.03309  |
| Intercept_15 | 0.048054                    | 0.041396     | 0.043798     | 0.041041     | 0.045647     | 0.058312     | 0.035404     | -0.04363   | -0.0386   |
| Intercept_16 | 0.057403                    | 0.037383     | 0.041041     | 0.046282     | 0.049216     | 0.062338     | 0.04011      | -0.04229   | -0.04478  |
| Intercept_17 | 0.057544                    | 0.040211     | 0.045647     | 0.049216     | 0.059858     | 0.078503     | 0.045197     | -0.05023   | -0.04926  |
| Intercept_18 | 0.03904                     | 0.050799     | 0.058312     | 0.062338     | 0.078503     | 0.147401     | 0.059088     | -0.0676    | -0.0728   |
| Intercept_19 | 0.057967                    | 0.033104     | 0.035404     | 0.04011      | 0.045197     | 0.059088     | 0.069181     | -0.05328   | -0.0523   |
| ra_grp_exp   | -0.0396                     | -0.043       | -0.04363     | -0.04229     | -0.05023     | -0.0676      | -0.05328     | 0.068074   | 0.044821  |
| ra_grp_s8    | -0.04796                    | -0.03309     | -0.0386      | -0.04478     | -0.04926     | -0.0728      | -0.0523      | 0.044821   | 0.067484  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | М                        | odel Information  |
|---------------------------|--------------------------|---|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |
| Response Variable         | f_mh_pts_rec_yt          |   |
| Number of Response Levels | 8                        |   |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |
| Number of Strata          | 5                        |   |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |
| Number of Clusters        | 115                      |   |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |
| Model                     | Cumulative Logit         |   |
| Optimization Technique    | Fisher's Scoring         |   |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 408.526  |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 5.730526        |  |
| 2                | 14              | 45                 | 52.750153       |  |
| 3                | 15              | 55                 | 50.116760       |  |
| 4                | 16              | 79                 | 88.691087       |  |
| 5                | 17              | 83                 | 94.691453       |  |
| 6                | 18              | 86                 | 92.859283       |  |

### **Domain Analysis for domain Imputation Number=10**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 18                 | 23.686734       |  |
| 8                | 20              | 0                  | 0.000000        |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |  |  |  |  |
|---|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |
| 34.1197 12 0.0006                               |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |
|----------------------|-------------------|--------------------------------|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |
| AIC                  | 1447.006          | 1450.374                       |  |  |
| sc                   | 1495.646          | 1512.911                       |  |  |
| -2 Log L             | 1433.006          | 1432.374                       |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSquare      |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.6325 | 2 | 0.7289 |  |  |  |
| Score                                  | 0.5842 | 2 | 0.7467 |  |  |  |
| Wald                                   | 0.5644 | 2 | 0.7541 |  |  |  |

|           | Analysis of Maximum Likelihood Estimates |    |          |                   |                    |            |  |
|-----------|--|----|----------|-------------------|--------------------|------------|--|
| Parameter |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept | 13                                       | 1  | -4.3714  | 0.4650            | 88.3605            | <.0001     |  |
| Intercept | 14                                       | 1  | -1.9101  | 0.2716            | 49.4593            | <.0001     |  |
| Intercept | 15                                       | 1  | -1.1374  | 0.2325            | 23.9245            | <.0001     |  |
| Intercept | 16                                       | 1  | -0.1900  | 0.2039            | 0.8690             | 0.3512     |  |
| Intercept | 17                                       | 1  | 0.7974   | 0.2125            | 14.0799            | 0.0002     |  |
| Intercept | 18                                       | 1  | 2.6712   | 0.3562            | 56.2355            | <.0001     |  |
| Intercept | 19                                       | 1  | 31.1090  | 0.2391            | 16929.1711         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.1456 | 0.2507 | 0.3370 | 0.5616 |
| ra_grp_s8   |  | 1 | 0.1774 | 0.2370 | 0.5604 | 0.4541 |

| Odds Ratio Estimates             |       |             |       |  |  |
|----------------------------------|-------|-------------|-------|--|--|
| Point 95% Wald Confidence Limits |       |             |       |  |  |
| ra_grp_exp                       | 1.157 | 0.708 1.891 |       |  |  |
| ra_grp_s8                        | 1.194 | 0.750       | 1.900 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |
|--|-------|---|-------|--|--|--|
| Percent Concordant 35.2 Somers' D 0.043                          |       |   |       |  |  |  |
| Percent Discordant 30.9 Gamma 0.065                              |       |   |       |  |  |  |
| Percent Tied 33.9 Tau-a 0.035                                    |       |   |       |  |  |  |
| Pairs  | 56224 | С | 0.521 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.216261                    | 0.074438     | 0.063155     | 0.04869      | 0.047937     | 0.064003     | 0.033712     | -0.05521   | -0.04511  |
| Intercept_14 | 0.074438                    | 0.07377      | 0.057338     | 0.044848     | 0.040316     | 0.048062     | 0.033293     | -0.04778   | -0.04175  |
| Intercept_15 | 0.063155                    | 0.057338     | 0.054072     | 0.041233     | 0.038026     | 0.051463     | 0.033563     | -0.04481   | -0.03891  |
| Intercept_16 | 0.04869                     | 0.044848     | 0.041233     | 0.04156      | 0.039144     | 0.052185     | 0.034799     | -0.03991   | -0.03914  |
| Intercept_17 | 0.047937                    | 0.040316     | 0.038026     | 0.039144     | 0.045154     | 0.061514     | 0.034767     | -0.03671   | -0.03948  |
| Intercept_18 | 0.064003                    | 0.048062     | 0.051463     | 0.052185     | 0.061514     | 0.12688      | 0.053934     | -0.05364   | -0.05897  |
| Intercept_19 | 0.033712                    | 0.033293     | 0.033563     | 0.034799     | 0.034767     | 0.053934     | 0.057166     | -0.04455   | -0.04218  |
| ra_grp_exp   | -0.05521                    | -0.04778     | -0.04481     | -0.03991     | -0.03671     | -0.05364     | -0.04455     | 0.062876   | 0.042607  |
| ra_grp_s8    | -0.04511                    | -0.04175     | -0.03891     | -0.03914     | -0.03948     | -0.05897     | -0.04218     | 0.042607   | 0.056169  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation                         |  |  |  |  |  |
|---|--|--|--|--|--|
| Method Taylor Series                        |  |  |  |  |  |
| Variance Adjustment Degrees of Freedom (DF) |  |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 452.8589 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 7                  | 6.96877         |  |  |  |
| 2                | 14              | 41                 | 45.29242        |  |  |  |
| 3                | 15              | 74                 | 71.32014        |  |  |  |
| 4                | 16              | 88                 | 97.79788        |  |  |  |
| 5                | 17              | 84                 | 105.61909       |  |  |  |
| 6                | 18              | 85                 | 96.01398        |  |  |  |

### Domain Analysis for domain Imputation Number=11

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 22                 | 29.84659        |  |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |  |
| 21.7345 12 0.0406                               |  |  |  |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |  |
|---|----------|----------|--|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |  |
| AIC                                     | 1611.882 | 1612.349 |  |  |  |  |  |
| sc                                      | 1660.522 | 1674.887 |  |  |  |  |  |
| -2 Log L                                | 1597.882 | 1594.349 |  |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |  |
|--|--------|---|--------|--|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |  |
| Likelihood Ratio                       | 3.5325 | 2 | 0.1710 |  |  |  |  |  |
| Score                                  | 3.3938 | 2 | 0.1832 |  |  |  |  |  |
| Wald                                   | 1.8862 | 2 | 0.3894 |  |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |
| Intercept                                | 13 | 1  | -4.4113  | 0.4715            | 87.5375            | <.0001     |  |  |
| Intercept                                | 14 | 1  | -2.2877  | 0.2244            | 103.9331           | <.0001     |  |  |
| Intercept                                | 15 | 1  | -1.2301  | 0.2304            | 28.4955            | <.0001     |  |  |
| Intercept                                | 16 | 1  | -0.2951  | 0.2093            | 1.9885             | 0.1585     |  |  |
| Intercept                                | 17 | 1  | 0.7082   | 0.2466            | 8.2486             | 0.0041     |  |  |
| Intercept                                | 18 | 1  | 2.4166   | 0.3637            | 44.1428            | <.0001     |  |  |
| Intercept                                | 19 | 1  | 31.0904  | 0.2621            | 14068.8429         | <.0001     |  |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |  |  |  |
|---|--|---|--------|--------|--------|--------|--|--|--|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |        |        |        |        |  |  |  |
| ra_grp_exp  |  | 1 | 0.2709 | 0.2899 | 0.8734 | 0.3500 |  |  |  |
| ra_grp_s8   |  | 1 | 0.4107 | 0.2992 | 1.8848 | 0.1698 |  |  |  |

| Odds Ratio Estimates             |       |       |       |  |  |  |  |
|----------------------------------|-------|-------|-------|--|--|--|--|
| Point 95% Wald Confidence Limits |       |       |       |  |  |  |  |
| ra_grp_exp                       | 1.311 | 0.743 | 2.314 |  |  |  |  |
| ra_grp_s8                        | 1.508 | 0.839 | 2.711 |  |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |  |  |  |  |  |  |  |
|--|-------|-------|--|--|--|--|--|--|--|
| Percent Concordant 36.6 Somers' D 0.070                          |       |       |  |  |  |  |  |  |  |
| Percent Discordant   | Gamma | 0.106 |  |  |  |  |  |  |  |
| Percent Tied 33.8 Tau-a 0.057                                    |       |       |  |  |  |  |  |  |  |
| <b>Pairs</b> 65543 <b>c</b> 0.535                                |       |       |  |  |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |  |  |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|--|--|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |  |  |
| Intercept_13 | 0.2223                      | 0.061728     | 0.062044     | 0.058111     | 0.057803     | 0.065815     | 0.060362     | -0.0658    | -0.06706  |  |  |
| Intercept_14 | 0.061728                    | 0.050357     | 0.04485      | 0.039262     | 0.042749     | 0.055122     | 0.040944     | -0.04602   | -0.05258  |  |  |
| Intercept_15 | 0.062044                    | 0.04485      | 0.053102     | 0.044377     | 0.048839     | 0.063625     | 0.041724     | -0.05106   | -0.05862  |  |  |
| Intercept_16 | 0.058111                    | 0.039262     | 0.044377     | 0.043805     | 0.046342     | 0.057324     | 0.04248      | -0.04763   | -0.0504   |  |  |
| Intercept_17 | 0.057803                    | 0.042749     | 0.048839     | 0.046342     | 0.060805     | 0.07806      | 0.050933     | -0.05791   | -0.05949  |  |  |
| Intercept_18 | 0.065815                    | 0.055122     | 0.063625     | 0.057324     | 0.07806      | 0.132295     | 0.066253     | -0.07742   | -0.08611  |  |  |
| Intercept_19 | 0.060362                    | 0.040944     | 0.041724     | 0.04248      | 0.050933     | 0.066253     | 0.068706     | -0.06338   | -0.05644  |  |  |
| ra_grp_exp   | -0.0658                     | -0.04602     | -0.05106     | -0.04763     | -0.05791     | -0.07742     | -0.06338     | 0.084019   | 0.060735  |  |  |
| ra_grp_s8    | -0.06706                    | -0.05258     | -0.05862     | -0.0504      | -0.05949     | -0.08611     | -0.05644     | 0.060735   | 0.089511  |  |  |

| Domain Summary                         |        |  |  |  |  |
|--|--------|--|--|--|--|
| Number of Observations                 | 73420  |  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 416.2521 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 4.772945        |  |  |  |
| 2                | 14              | 43                 | 51.967205       |  |  |  |
| 3                | 15              | 59                 | 55.579797       |  |  |  |
| 4                | 16              | 80                 | 93.685623       |  |  |  |
| 5                | 17              | 75                 | 92.434043       |  |  |  |
| 6                | 18              | 83                 | 98.276542       |  |  |  |

### **Domain Analysis for domain Imputation Number=12**

| Response Profile  |    |    |           |  |  |  |
|---|----|----|-----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weigh |    |    |           |  |  |  |
| 7   | 19 | 17 | 19.535977 |  |  |  |
| 8   | 20 | 0  | 0.000000  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 26.3163   | 12 | 0.0097 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1457.597 | 1461.318 |  |  |  |  |
| sc                                      | 1506.237 | 1523.855 |  |  |  |  |
| -2 Log L                                | 1443.597 | 1443.318 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 0.2789 | 2 | 0.8698 |  |  |  |  |
| Score                                  | 0.2473 | 2 | 0.8837 |  |  |  |  |
| Wald                                   | 0.1534 | 2 | 0.9262 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |  |   |         |        |            |            |  |
|--|--|---|---------|--------|------------|------------|--|
| Parameter                                | meter DF Estimate Standard Wald Chi-Square |   |         |        |            | Pr > ChiSq |  |
| Intercept                                | 13   | 1 | -4.5455 | 0.4970 | 83.6348    | <.0001     |  |
| Intercept                                | 14   | 1 | -1.9363 | 0.3442 | 31.6420    | <.0001     |  |
| Intercept                                | 15   | 1 | -1.0869 | 0.2818 | 14.8779    | 0.0001     |  |
| Intercept                                | 16   | 1 | -0.1127 | 0.2619 | 0.1852     | 0.6669     |  |
| Intercept                                | 17   | 1 | 0.8383  | 0.2773 | 9.1371     | 0.0025     |  |
| Intercept                                | 18   | 1 | 2.9232  | 0.4273 | 46.8029    | <.0001     |  |
| Intercept                                | 19   | 1 | 31.1536 | 0.2669 | 13622.6231 | <.0001     |  |

| Analysis of Maximum Likelihood Estimates         |  |   |        |        |        |        |
|--|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Error Chi-Square Pr > ChiS |  |   |        |        |        |        |
| ra_grp_exp                                       |  | 1 | 0.1182 | 0.3146 | 0.1412 | 0.7071 |
| ra_grp_s8  |  | 1 | 0.1086 | 0.2969 | 0.1338 | 0.7145 |

| Odds Ratio Estimates                             |       |       |       |  |
|--|-------|-------|-------|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                       | 1.125 | 0.608 | 2.085 |  |
| ra_grp_s8  | 1.115 | 0.623 | 1.995 |  |

| Association of Predicted Probabilities and<br>Observed Responses |  |  |  |  |  |
|--|--|--|--|--|--|
| Percent Concordant 35.0 Somers' D 0.048                          |  |  |  |  |  |
| Percent Discordant   30.3   Gamma   0.073                        |  |  |  |  |  |
| Percent Tied 34.7 Tau-a 0.039                                    |  |  |  |  |  |
| Pairs 53600 c 0.524  |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.247046                    | 0.096581     | 0.084643     | 0.06587      | 0.061408     | 0.071735     | 0.047144     | -0.08034   | -0.08787  |
| Intercept_14 | 0.096581                    | 0.118485     | 0.09021      | 0.074439     | 0.064996     | 0.087817     | 0.055176     | -0.08501   | -0.07768  |
| Intercept_15 | 0.084643                    | 0.09021      | 0.079396     | 0.066916     | 0.064594     | 0.083396     | 0.054002     | -0.0782    | -0.07079  |
| Intercept_16 | 0.06587                     | 0.074439     | 0.066916     | 0.068614     | 0.064089     | 0.079605     | 0.052476     | -0.06937   | -0.06359  |
| Intercept_17 | 0.061408                    | 0.064996     | 0.064594     | 0.064089     | 0.076914     | 0.094741     | 0.059385     | -0.07499   | -0.065    |
| Intercept_18 | 0.071735                    | 0.087817     | 0.083396     | 0.079605     | 0.094741     | 0.182576     | 0.079422     | -0.09521   | -0.08976  |
| Intercept_19 | 0.047144                    | 0.055176     | 0.054002     | 0.052476     | 0.059385     | 0.079422     | 0.071245     | -0.07094   | -0.05786  |
| ra_grp_exp   | -0.08034                    | -0.08501     | -0.0782      | -0.06937     | -0.07499     | -0.09521     | -0.07094     | 0.098963   | 0.074295  |
| ra_grp_s8    | -0.08787                    | -0.07768     | -0.07079     | -0.06359     | -0.065       | -0.08976     | -0.05786     | 0.074295   | 0.088145  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | М                        | odel Information  |
|---------------------------|--------------------------|---|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |
| Response Variable         | f_mh_pts_rec_yt          |   |
| Number of Response Levels | 8                        |   |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |
| Number of Strata          | 5                        |   |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |
| Number of Clusters        | 115                      |   |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |
| Model                     | Cumulative Logit         |   |
| Optimization Technique    | Fisher's Scoring         |   |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 412.2151 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 5                  | 5.248586        |  |
| 2                | 14              | 44                 | 50.496945       |  |
| 3                | 15              | 59                 | 57.290787       |  |
| 4                | 16              | 88                 | 96.776598       |  |
| 5                | 17              | 77                 | 86.581703       |  |
| 6                | 18              | 80                 | 87.957847       |  |

### **Domain Analysis for domain Imputation Number=13**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 19                 | 27.862627       |  |
| 8                | 20              | 0                  | 0.000000        |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 36.8755   | 12 | 0.0002 |  |  |

| Model Fit Statistics |                   |                                |  |  |
|----------------------|-------------------|--------------------------------|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |
| AIC                  | 1470.544          | 1474.511                       |  |  |
| sc                   | 1519.184          | 1537.048                       |  |  |
| -2 Log L             | 1456.544          | 1456.511                       |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.0330 | 2 | 0.9836 |  |  |  |
| Score                                  | 0.0307 | 2 | 0.9847 |  |  |  |
| Wald                                   | 0.0181 | 2 | 0.9910 |  |  |  |

|           | Analysis of Maximum Likelihood Estimates |    |          |                   |                    |            |  |
|-----------|--|----|----------|-------------------|--------------------|------------|--|
| Parameter |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept | 13                                       | 1  | -4.3763  | 0.4905            | 79.6031            | <.0001     |  |
| Intercept | 14                                       | 1  | -1.8814  | 0.2843            | 43.7880            | <.0001     |  |
| Intercept | 15                                       | 1  | -0.9996  | 0.2503            | 15.9433            | <.0001     |  |
| Intercept | 16                                       | 1  | 0.00955  | 0.2415            | 0.0016             | 0.9685     |  |
| Intercept | 17                                       | 1  | 0.9136   | 0.2435            | 14.0739            | 0.0002     |  |
| Intercept | 18                                       | 1  | 2.5989   | 0.3715            | 48.9391            | <.0001     |  |
| Intercept | 19                                       | 1  | 31.0439  | 0.2426            | 16367.9020         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |            |
|---|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp  |  | 1 | 0.0384 | 0.2877 | 0.0178 | 0.8939     |
| ra_grp_s8   |  | 1 | 0.0320 | 0.2987 | 0.0115 | 0.9146     |

| Odds Ratio Estimates                             |       |             |       |  |  |
|--|-------|-------------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |             |       |  |  |
| ra_grp_exp                                       | 1.039 | 0.591 1.826 |       |  |  |
| ra_grp_s8  | 1.033 | 0.575       | 1.854 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 21.6 Somers' D 0.032                          |       |   |       |  |  |  |  |
| Percent Discordant 18.3 Gamma 0.08                               |       |   |       |  |  |  |  |
| Percent Tied 60.1 Tau-a 0.026                                    |       |   |       |  |  |  |  |
| Pairs  | 56254 | С | 0.516 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.240592                    | 0.054119     | 0.047932     | 0.058851     | 0.062415     | 0.063772     | 0.049634     | -0.05002   | -0.07604  |
| Intercept_14 | 0.054119                    | 0.080835     | 0.064097     | 0.056869     | 0.056247     | 0.072647     | 0.047032     | -0.06289   | -0.06207  |
| Intercept_15 | 0.047932                    | 0.064097     | 0.062673     | 0.05564      | 0.053646     | 0.069653     | 0.040151     | -0.05752   | -0.06105  |
| Intercept_16 | 0.058851                    | 0.056869     | 0.05564      | 0.058308     | 0.055838     | 0.066898     | 0.041085     | -0.05793   | -0.05946  |
| Intercept_17 | 0.062415                    | 0.056247     | 0.053646     | 0.055838     | 0.059305     | 0.069443     | 0.041326     | -0.056     | -0.06122  |
| Intercept_18 | 0.063772                    | 0.072647     | 0.069653     | 0.066898     | 0.069443     | 0.138012     | 0.053966     | -0.06674   | -0.08245  |
| Intercept_19 | 0.049634                    | 0.047032     | 0.040151     | 0.041085     | 0.041326     | 0.053966     | 0.058879     | -0.05466   | -0.05162  |
| ra_grp_exp   | -0.05002                    | -0.06289     | -0.05752     | -0.05793     | -0.056       | -0.06674     | -0.05466     | 0.082769   | 0.061335  |
| ra_grp_s8    | -0.07604                    | -0.06207     | -0.06105     | -0.05946     | -0.06122     | -0.08245     | -0.05162     | 0.061335   | 0.089246  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation                           |  |  |  |  |  |
|---|--|--|--|--|--|
| Method Taylor Series                          |  |  |  |  |  |
| Variance Adjustment   Degrees of Freedom (DF, |  |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 388.0774 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 8                  | 9.190764        |  |  |  |
| 2                | 14              | 37                 | 42.544203       |  |  |  |
| 3                | 15              | 57                 | 54.399302       |  |  |  |
| 4                | 16              | 74                 | 80.076924       |  |  |  |
| 5                | 17              | 80                 | 91.467733       |  |  |  |
| 6                | 18              | 72                 | 81.945379       |  |  |  |

### **Domain Analysis for domain Imputation Number=14**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 21                 | 28.453141       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 38.0231   | 12 | 0.0002 |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1405.385          | 1406.964                       |  |  |  |
| sc                   | 1454.025          | 1469.501                       |  |  |  |
| -2 Log L             | 1391.385          | 1388.964                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 2.4206     | 2  | 0.2981     |  |  |  |
| Score                                  | 2.1592     | 2  | 0.3397     |  |  |  |
| Wald                                   | 1.3139     | 2  | 0.5184     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -3.9969  | 0.5206            | 58.9333            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.1509  | 0.3130            | 47.2152            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.2564  | 0.2951            | 18.1236            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.3599  | 0.2951            | 1.4880             | 0.2225     |  |
| Intercept                                | 17 | 1  | 0.6486   | 0.3186            | 4.1448             | 0.0418     |  |
| Intercept                                | 18 | 1  | 2.2750   | 0.3886            | 34.2645            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9319  | 0.3140            | 9705.9841          | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.3526 | 0.3148 | 1.2551 | 0.2626 |
| ra_grp_s8   |  | 1 | 0.3402 | 0.3398 | 1.0025 | 0.3167 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.423 | 0.768 | 2.637 |  |  |
| ra_grp_s8                                 | 1.405 | 0.722 | 2.735 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 36.7  | Somers' D | 0.074 |  |  |  |
| Percent Discordant   | 29.2  | Gamma     | 0.113 |  |  |  |
| Percent Tied   | 34.1  | Tau-a     | 0.061 |  |  |  |
| Pairs  | 49809 | С         | 0.537 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.271066     | 0.12157      | 0.114479     | 0.131226     | 0.12991      | 0.132515     | 0.130196     | -0.12226   | -0.14382  |
| Intercept_14                | 0.12157      | 0.097989     | 0.086036     | 0.081384     | 0.078461     | 0.084994     | 0.078093     | -0.08363   | -0.08481  |
| Intercept_15                | 0.114479     | 0.086036     | 0.087099     | 0.081138     | 0.082891     | 0.088396     | 0.075368     | -0.08374   | -0.08079  |
| Intercept_16                | 0.131226     | 0.081384     | 0.081138     | 0.087057     | 0.086222     | 0.086708     | 0.077001     | -0.08421   | -0.07998  |
| Intercept_17                | 0.12991      | 0.078461     | 0.082891     | 0.086222     | 0.101494     | 0.106373     | 0.08371      | -0.08635   | -0.08906  |
| Intercept_18                | 0.132515     | 0.084994     | 0.088396     | 0.086708     | 0.106373     | 0.151046     | 0.094555     | -0.09021   | -0.11037  |
| Intercept_19                | 0.130196     | 0.078093     | 0.075368     | 0.077001     | 0.08371      | 0.094555     | 0.098576     | -0.08646   | -0.09074  |
| ra_grp_exp                  | -0.12226     | -0.08363     | -0.08374     | -0.08421     | -0.08635     | -0.09021     | -0.08646     | 0.099078   | 0.080293  |
| ra_grp_s8                   | -0.14382     | -0.08481     | -0.08079     | -0.07998     | -0.08906     | -0.11037     | -0.09074     | 0.080293   | 0.115468  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method Taylor Serie |                         |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 447.4674 |

| Response Profile |                 |                    |                 |  |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |  |
| 1                | 13              | 6                  | 6.035570        |  |  |  |  |  |  |
| 2                | 14              | 45                 | 49.930040       |  |  |  |  |  |  |
| 3                | 15              | 80                 | 77.075665       |  |  |  |  |  |  |
| 4                | 16              | 85                 | 98.613273       |  |  |  |  |  |  |
| 5                | 17              | 87                 | 94.207713       |  |  |  |  |  |  |
| 6                | 18              | 86                 | 96.269087       |  |  |  |  |  |  |

### **Domain Analysis for domain Imputation Number=15**

| Response Profile |                 |                    |                 |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |
| 7                | 19              | 20                 | 25.336046       |  |  |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |  |
| 21.3934 12 0.0449                               |  |  |  |  |  |  |  |  |

| Model Fit Statistics |                                |          |  |  |  |  |
|----------------------|--------------------------------|----------|--|--|--|--|
| Criterion            | Intercept<br>and<br>Covariates |          |  |  |  |  |
| AIC                  | 1589.273                       | 1588.440 |  |  |  |  |
| sc                   | 1637.913                       | 1650.977 |  |  |  |  |
| -2 Log L             | 1575.273                       | 1570.440 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |  |  |
|--|--------|---|--------|--|--|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |  |  |
| Likelihood Ratio                       | 4.8330 | 2 | 0.0892 |  |  |  |  |  |  |
| Score                                  | 4.7982 | 2 | 0.0908 |  |  |  |  |  |  |
| Wald                                   | 3.5231 | 2 | 0.1718 |  |  |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |  |
| Intercept                                | 13 | 1  | -4.4953  | 0.5011            | 80.4648            | <.0001     |  |  |  |
| Intercept                                | 14 | 1  | -2.1462  | 0.2610            | 67.6386            | <.0001     |  |  |  |
| Intercept                                | 15 | 1  | -1.0540  | 0.2429            | 18.8288            | <.0001     |  |  |  |
| Intercept                                | 16 | 1  | -0.1180  | 0.2787            | 0.1793             | 0.6720     |  |  |  |
| Intercept                                | 17 | 1  | 0.7999   | 0.2875            | 7.7386             | 0.0054     |  |  |  |
| Intercept                                | 18 | 1  | 2.6376   | 0.3594            | 53.8588            | <.0001     |  |  |  |
| Intercept                                | 19 | 1  | 31.1365  | 0.2685            | 13451.6081         | <.0001     |  |  |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |  |  |
|---|--|---|--------|--------|--------|--------|--|--|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |        |        |        |        |  |  |
| ra_grp_exp  |  | 1 | 0.0997 | 0.2734 | 0.1329 | 0.7154 |  |  |
| ra_grp_s8   |  | 1 | 0.4512 | 0.3052 | 2.1854 | 0.1393 |  |  |

| Odds Ratio Estimates                      |       |             |       |  |  |  |
|---|-------|-------------|-------|--|--|--|
| Point 95% Wald Estimate Confidence Limits |       |             |       |  |  |  |
| ra_grp_exp                                | 1.105 | 0.647 1.888 |       |  |  |  |
| ra_grp_s8                                 | 1.570 | 0.863       | 2.856 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |  |  |  |
|--|-------|---|-------|--|--|--|--|--|--|--|
| Percent Concordant 36.8 Somers' D 0.085                          |       |   |       |  |  |  |  |  |  |  |
| Percent Discordant 28.3 Gamma 0.13                               |       |   |       |  |  |  |  |  |  |  |
| Percent Tied 34.8 Tau-a 0.069                                    |       |   |       |  |  |  |  |  |  |  |
| Pairs  | 68115 | С | 0.542 |  |  |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |  |  |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|--|--|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |  |  |
| Intercept_13 | 0.25114                     | 0.071021     | 0.081509     | 0.100639     | 0.099982     | 0.091641     | 0.083278     | -0.09214   | -0.09521  |  |  |
| Intercept_14 | 0.071021                    | 0.068102     | 0.054765     | 0.054284     | 0.055925     | 0.053702     | 0.03757      | -0.04934   | -0.06146  |  |  |
| Intercept_15 | 0.081509                    | 0.054765     | 0.059        | 0.063145     | 0.063066     | 0.063589     | 0.049003     | -0.05694   | -0.06467  |  |  |
| Intercept_16 | 0.100639                    | 0.054284     | 0.063145     | 0.077691     | 0.076559     | 0.071819     | 0.06185      | -0.06671   | -0.07414  |  |  |
| Intercept_17 | 0.099982                    | 0.055925     | 0.063066     | 0.076559     | 0.082674     | 0.079061     | 0.062559     | -0.06838   | -0.07478  |  |  |
| Intercept_18 | 0.091641                    | 0.053702     | 0.063589     | 0.071819     | 0.079061     | 0.129172     | 0.0657       | -0.06341   | -0.08053  |  |  |
| Intercept_19 | 0.083278                    | 0.03757      | 0.049003     | 0.06185      | 0.062559     | 0.0657       | 0.072072     | -0.06394   | -0.05804  |  |  |
| ra_grp_exp   | -0.09214                    | -0.04934     | -0.05694     | -0.06671     | -0.06838     | -0.06341     | -0.06394     | 0.074727   | 0.063196  |  |  |
| ra_grp_s8    | -0.09521                    | -0.06146     | -0.06467     | -0.07414     | -0.07478     | -0.08053     | -0.05804     | 0.063196   | 0.093152  |  |  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation                        |  |  |  |  |  |
|--|--|--|--|--|--|
| Method Taylor Series                       |  |  |  |  |  |
| Variance Adjustment Degrees of Freedom (DF |  |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 400.9542 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 4.735256        |  |  |  |
| 2                | 14              | 43                 | 49.941512       |  |  |  |
| 3                | 15              | 72                 | 66.522355       |  |  |  |
| 4                | 16              | 86                 | 95.228278       |  |  |  |
| 5                | 17              | 82                 | 85.704204       |  |  |  |
| 6                | 18              | 74                 | 74.642986       |  |  |  |

### **Domain Analysis for domain Imputation Number=16**

| Response Profile                                   |    |    |           |  |  |  |
|--|----|----|-----------|--|--|--|
| Ordered Total T Value f_mh_pts_rec_yt Frequency We |    |    |           |  |  |  |
| 7  | 19 | 20 | 24.179650 |  |  |  |
| 8  | 20 | 0  | 0.000000  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 41.1009   | 12 | <.0001 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1428.130 | 1429.631 |  |  |  |  |
| sc                                      | 1476.770 | 1492.168 |  |  |  |  |
| -2 Log L                                | 1414.130 | 1411.631 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 2.4990 | 2 | 0.2867 |  |  |  |  |
| Score                                  | 2.3271 | 2 | 0.3124 |  |  |  |  |
| Wald                                   | 1.5432 | 2 | 0.4623 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.6655  | 0.4443            | 110.2810           | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0853  | 0.2782            | 56.1883            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0812  | 0.2407            | 20.1778            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.0852  | 0.2563            | 0.1106             | 0.7395     |  |
| Intercept                                | 17 | 1  | 0.8837   | 0.2696            | 10.7444            | 0.0010     |  |
| Intercept                                | 18 | 1  | 2.5248   | 0.3718            | 46.1205            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9986  | 0.2795            | 12301.8161         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates         |  |   |        |        |        |        |
|--|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Error Chi-Square Pr > ChiS |  |   |        |        |        |        |
| ra_grp_exp                                       |  | 1 | 0.3568 | 0.2882 | 1.5325 | 0.2157 |
| ra_grp_s8  |  | 1 | 0.2535 | 0.2960 | 0.7333 | 0.3918 |

| Odds Ratio Estimates |   |       |       |  |
|----------------------|---|-------|-------|--|
| Effect               | Point 95% Wald Estimate Confidence Limits |       |       |  |
| ra_grp_exp           | 1.429                                     | 0.812 | 2.513 |  |
| ra_grp_s8            | 1.288                                     | 0.721 | 2.302 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |
|--|-------|---|-------|--|--|
| Percent Concordant 37.2 Somers' D 0.079                          |       |   |       |  |  |
| Percent Discordant   29.2   Gamma   0.12                         |       |   |       |  |  |
| Percent Tied 33.6 Tau-a 0.065                                    |       |   |       |  |  |
| Pairs  | 59812 | С | 0.540 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.197375                    | 0.04387      | 0.051013     | 0.053685     | 0.052388     | 0.06957      | 0.04467      | -0.04981   | -0.06078  |
| Intercept_14 | 0.04387                     | 0.077393     | 0.059444     | 0.055683     | 0.052738     | 0.056505     | 0.052449     | -0.06097   | -0.05791  |
| Intercept_15 | 0.051013                    | 0.059444     | 0.057935     | 0.056274     | 0.055126     | 0.059458     | 0.050275     | -0.06006   | -0.05362  |
| Intercept_16 | 0.053685                    | 0.055683     | 0.056274     | 0.065687     | 0.063401     | 0.063895     | 0.05755      | -0.06366   | -0.05775  |
| Intercept_17 | 0.052388                    | 0.052738     | 0.055126     | 0.063401     | 0.072688     | 0.075239     | 0.059436     | -0.06526   | -0.05964  |
| Intercept_18 | 0.06957                     | 0.056505     | 0.059458     | 0.063895     | 0.075239     | 0.138217     | 0.063852     | -0.06755   | -0.08284  |
| Intercept_19 | 0.04467                     | 0.052449     | 0.050275     | 0.05755      | 0.059436     | 0.063852     | 0.078112     | -0.06987   | -0.06325  |
| ra_grp_exp   | -0.04981                    | -0.06097     | -0.06006     | -0.06366     | -0.06526     | -0.06755     | -0.06987     | 0.08306    | 0.063755  |
| ra_grp_s8    | -0.06078                    | -0.05791     | -0.05362     | -0.05775     | -0.05964     | -0.08284     | -0.06325     | 0.063755   | 0.087615  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 115                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 467.9929 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 9                  | 8.58731         |  |
| 2                | 14              | 47                 | 53.40981        |  |
| 3                | 15              | 76                 | 73.33299        |  |
| 4                | 16              | 97                 | 104.82521       |  |
| 5                | 17              | 82                 | 91.68658        |  |
| 6                | 18              | 95                 | 109.00572       |  |

### **Domain Analysis for domain Imputation Number=17**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 17                 | 27.14532        |  |
| 8                | 20              | 0                  | 0.00000         |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 48.8056   | 12 | <.0001 |  |  |

| Model Fit Statistics |                   |                                |  |  |
|----------------------|-------------------|--------------------------------|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |
| AIC                  | 1671.167          | 1670.775                       |  |  |
| sc                   | 1719.808          | 1733.312                       |  |  |
| -2 Log L             | 1657.167          | 1652.775                       |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSquare      |        |   |        |  |  |  |
| Likelihood Ratio                       | 4.3929 | 2 | 0.1112 |  |  |  |
| Score                                  | 4.1510 | 2 | 0.1255 |  |  |  |
| Wald                                   | 3.0340 | 2 | 0.2194 |  |  |  |

|           | Analysis of Maximum Likelihood Estimates |    |          |                   |                    |            |  |
|-----------|--|----|----------|-------------------|--------------------|------------|--|
| Parameter |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept | 13                                       | 1  | -4.2279  | 0.4491            | 88.6109            | <.0001     |  |
| Intercept | 14                                       | 1  | -2.1257  | 0.2326            | 83.4920            | <.0001     |  |
| Intercept | 15                                       | 1  | -1.1421  | 0.2116            | 29.1431            | <.0001     |  |
| Intercept | 16                                       | 1  | -0.1889  | 0.1962            | 0.9269             | 0.3357     |  |
| Intercept | 17                                       | 1  | 0.6510   | 0.2352            | 7.6650             | 0.0056     |  |
| Intercept | 18                                       | 1  | 2.5609   | 0.3624            | 49.9314            | <.0001     |  |
| Intercept | 19                                       | 1  | 31.1559  | 0.2317            | 18078.7520         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |            |
|---|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp  |  | 1 | 0.2076 | 0.2415 | 0.7389 | 0.3900     |
| ra_grp_s8   |  | 1 | 0.4576 | 0.2665 | 2.9492 | 0.0859     |

| Odds Ratio Estimates             |       |             |       |  |  |
|----------------------------------|-------|-------------|-------|--|--|
| Point 95% Wald Confidence Limits |       |             |       |  |  |
| ra_grp_exp                       | 1.231 | 0.767 1.976 |       |  |  |
| ra_grp_s8                        | 1.580 | 0.937       | 2.664 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 36.6 Somers' D 0.067                          |       |   |       |  |  |  |  |
| Percent Discordant 29.9 Gamma 0.1                                |       |   |       |  |  |  |  |
| Percent Tied 33.6 Tau-a 0.055                                    |       |   |       |  |  |  |  |
| Pairs  | 72708 | С | 0.534 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.201726                    | 0.050282     | 0.052324     | 0.057552     | 0.059455     | 0.050671     | 0.048742     | -0.05451   | -0.05388  |
| Intercept_14 | 0.050282                    | 0.05412      | 0.041988     | 0.035271     | 0.036138     | 0.048176     | 0.028221     | -0.04159   | -0.03269  |
| Intercept_15 | 0.052324                    | 0.041988     | 0.044759     | 0.037446     | 0.03889      | 0.048081     | 0.027579     | -0.03886   | -0.03333  |
| Intercept_16 | 0.057552                    | 0.035271     | 0.037446     | 0.038484     | 0.042271     | 0.048447     | 0.030567     | -0.03648   | -0.03568  |
| Intercept_17 | 0.059455                    | 0.036138     | 0.03889      | 0.042271     | 0.055296     | 0.066545     | 0.039236     | -0.04433   | -0.04607  |
| Intercept_18 | 0.050671                    | 0.048176     | 0.048081     | 0.048447     | 0.066545     | 0.131347     | 0.057008     | -0.06097   | -0.07342  |
| Intercept_19 | 0.048742                    | 0.028221     | 0.027579     | 0.030567     | 0.039236     | 0.057008     | 0.053692     | -0.04352   | -0.04729  |
| ra_grp_exp   | -0.05451                    | -0.04159     | -0.03886     | -0.03648     | -0.04433     | -0.06097     | -0.04352     | 0.05831    | 0.040661  |
| ra_grp_s8    | -0.05388                    | -0.03269     | -0.03333     | -0.03568     | -0.04607     | -0.07342     | -0.04729     | 0.040661   | 0.070999  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation                           |  |  |  |  |  |
|---|--|--|--|--|--|
| Method Taylor Series                          |  |  |  |  |  |
| Variance Adjustment   Degrees of Freedom (DF, |  |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 427.4009 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 7                  | 6.45730         |  |  |  |
| 2                | 14              | 42                 | 47.67912        |  |  |  |
| 3                | 15              | 61                 | 60.17679        |  |  |  |
| 4                | 16              | 77                 | 90.42210        |  |  |  |
| 5                | 17              | 90                 | 108.24504       |  |  |  |
| 6                | 18              | 79                 | 90.71384        |  |  |  |

### **Domain Analysis for domain Imputation Number=18**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 19                 | 23.70666        |  |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |
|---|----|------------|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |
| 21.7760   | 12 | 0.0401     |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1509.770          | 1513.549                       |  |  |  |
| sc                   | 1558.410          | 1576.086                       |  |  |  |
| -2 Log L             | 1495.770          | 1495.549                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 0.2213     | 2  | 0.8952     |  |  |  |
| Score                                  | 0.2232     | 2  | 0.8944     |  |  |  |
| Wald                                   | 0.1622     | 2  | 0.9221     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.2122  | 0.4390            | 92.0740            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9658  | 0.2553            | 59.2769            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0431  | 0.2334            | 19.9667            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1198  | 0.2399            | 0.2492             | 0.6176     |  |
| Intercept                                | 17 | 1  | 0.9711   | 0.2510            | 14.9704            | 0.0001     |  |
| Intercept                                | 18 | 1  | 2.8007   | 0.4183            | 44.8306            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0577  | 0.2376            | 17082.9348         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.0821   | 0.2512            | 0.1069             | 0.7437     |
| ra_grp_s8                                |  | 1  | 0.00167  | 0.2845            | 0.0000             | 0.9953     |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.086 | 0.664 | 1.776 |  |  |
| ra_grp_s8                                 | 1.002 | 0.573 | 1.750 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 26.2  | Somers' D | 0.046 |  |  |  |
| Percent Discordant   | 21.7  | Gamma     | 0.095 |  |  |  |
| Percent Tied   | 52.1  | Tau-a     | 0.037 |  |  |  |
| Pairs  | 57230 | С         | 0.523 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.1927                      | 0.057512     | 0.054798     | 0.044388     | 0.051811     | 0.083295     | 0.041285     | -0.02791   | -0.0726   |
| Intercept_14 | 0.057512                    | 0.06519      | 0.054084     | 0.047815     | 0.044765     | 0.07103      | 0.031827     | -0.04084   | -0.04702  |
| Intercept_15 | 0.054798                    | 0.054084     | 0.054495     | 0.050993     | 0.047866     | 0.074629     | 0.03493      | -0.04361   | -0.05014  |
| Intercept_16 | 0.044388                    | 0.047815     | 0.050993     | 0.057559     | 0.052165     | 0.077322     | 0.038981     | -0.04537   | -0.05121  |
| Intercept_17 | 0.051811                    | 0.044765     | 0.047866     | 0.052165     | 0.06299      | 0.091527     | 0.04134      | -0.04768   | -0.05408  |
| Intercept_18 | 0.083295                    | 0.07103      | 0.074629     | 0.077322     | 0.091527     | 0.174973     | 0.066782     | -0.07891   | -0.09333  |
| Intercept_19 | 0.041285                    | 0.031827     | 0.03493      | 0.038981     | 0.04134      | 0.066782     | 0.056465     | -0.04379   | -0.04897  |
| ra_grp_exp   | -0.02791                    | -0.04084     | -0.04361     | -0.04537     | -0.04768     | -0.07891     | -0.04379     | 0.063089   | 0.042575  |
| ra_grp_s8    | -0.0726                     | -0.04702     | -0.05014     | -0.05121     | -0.05408     | -0.09333     | -0.04897     | 0.042575   | 0.080961  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method Taylor Serie |                         |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 435.1209 |

| Response Profile |                 |                    |                 |  |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |  |
| 1                | 13              | 4                  | 3.18314         |  |  |  |  |  |  |
| 2                | 14              | 43                 | 50.06758        |  |  |  |  |  |  |
| 3                | 15              | 65                 | 63.17170        |  |  |  |  |  |  |
| 4                | 16              | 89                 | 98.82710        |  |  |  |  |  |  |
| 5                | 17              | 80                 | 90.54546        |  |  |  |  |  |  |
| 6                | 18              | 92                 | 107.55870       |  |  |  |  |  |  |

### **Domain Analysis for domain Imputation Number=19**

| Response Profile |                 |                    |                 |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |
| 7                | 19              | 20                 | 21.76723        |  |  |  |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |
| 17.0964 12 0.1460                               |  |  |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1513.924 | 1515.305 |  |  |  |  |
| sc                                      | 1562.564 | 1577.842 |  |  |  |  |
| -2 Log L                                | 1499.924 | 1497.305 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |  |
|--|--------|---|--------|--|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |  |
| Likelihood Ratio                       | 2.6188 | 2 | 0.2700 |  |  |  |  |  |
| Score                                  | 2.4728 | 2 | 0.2904 |  |  |  |  |  |
| Wald                                   | 1.4135 | 2 | 0.4933 |  |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |  |
| Intercept                                | 13 | 1  | -5.1376  | 0.5733            | 80.3083            | <.0001     |  |  |  |
| Intercept                                | 14 | 1  | -2.1988  | 0.2917            | 56.8207            | <.0001     |  |  |  |
| Intercept                                | 15 | 1  | -1.2352  | 0.2303            | 28.7625            | <.0001     |  |  |  |
| Intercept                                | 16 | 1  | -0.2477  | 0.2462            | 1.0125             | 0.3143     |  |  |  |
| Intercept                                | 17 | 1  | 0.6385   | 0.2445            | 6.8179             | 0.0090     |  |  |  |
| Intercept                                | 18 | 1  | 2.7332   | 0.3761            | 52.8046            | <.0001     |  |  |  |
| Intercept                                | 19 | 1  | 31.0737  | 0.2678            | 13466.6166         | <.0001     |  |  |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |  |  |
|---|--|---|--------|--------|--------|--------|--|--|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |        |        |        |        |  |  |
| ra_grp_exp  |  | 1 | 0.2895 | 0.2707 | 1.1435 | 0.2849 |  |  |
| ra_grp_s8   |  | 1 | 0.3284 | 0.2932 | 1.2547 | 0.2627 |  |  |

| Odds Ratio Estimates                      |                               |       |       |  |  |  |  |
|---|-------------------------------|-------|-------|--|--|--|--|
| Point 95% Wald Estimate Confidence Limits |                               |       |       |  |  |  |  |
| ra_grp_exp                                | <b>_exp</b> 1.336 0.786 2.271 |       |       |  |  |  |  |
| ra_grp_s8                                 | 1.389                         | 0.782 | 2.467 |  |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |  |  |
|--|-------|---|-------|--|--|--|--|--|--|
| Percent Concordant 36.6 Somers' D 0.066                          |       |   |       |  |  |  |  |  |  |
| Percent Discordant 30.0 Gamma 0.099                              |       |   |       |  |  |  |  |  |  |
| Percent Tied 33.3 Tau-a 0.053                                    |       |   |       |  |  |  |  |  |  |
| Pairs  | 62587 | С | 0.533 |  |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |  |  |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|--|--|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |  |  |
| Intercept_13 | 0.328671                    | 0.093571     | 0.064315     | 0.057334     | 0.055536     | 0.028959     | 0.070508     | -0.07314   | -0.10056  |  |  |
| Intercept_14 | 0.093571                    | 0.085089     | 0.058447     | 0.055328     | 0.045801     | 0.042215     | 0.046062     | -0.05413   | -0.05775  |  |  |
| Intercept_15 | 0.064315                    | 0.058447     | 0.053047     | 0.052788     | 0.046236     | 0.052953     | 0.04296      | -0.05119   | -0.05149  |  |  |
| Intercept_16 | 0.057334                    | 0.055328     | 0.052788     | 0.060614     | 0.050691     | 0.059781     | 0.047341     | -0.05448   | -0.05199  |  |  |
| Intercept_17 | 0.055536                    | 0.045801     | 0.046236     | 0.050691     | 0.059792     | 0.075683     | 0.051731     | -0.05341   | -0.05986  |  |  |
| Intercept_18 | 0.028959                    | 0.042215     | 0.052953     | 0.059781     | 0.075683     | 0.141476     | 0.062346     | -0.06176   | -0.07859  |  |  |
| Intercept_19 | 0.070508                    | 0.046062     | 0.04296      | 0.047341     | 0.051731     | 0.062346     | 0.071702     | -0.05734   | -0.06275  |  |  |
| ra_grp_exp   | -0.07314                    | -0.05413     | -0.05119     | -0.05448     | -0.05341     | -0.06176     | -0.05734     | 0.073294   | 0.055641  |  |  |
| ra_grp_s8    | -0.10056                    | -0.05775     | -0.05149     | -0.05199     | -0.05986     | -0.07859     | -0.06275     | 0.055641   | 0.08598   |  |  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 115                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |
|----------------------|-------------------------|--|--|--|
| Method Taylor Series |                         |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7697     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 433.7481 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.034006        |  |  |  |
| 2                | 14              | 49                 | 57.546766       |  |  |  |
| 3                | 15              | 79                 | 74.703695       |  |  |  |
| 4                | 16              | 78                 | 91.724223       |  |  |  |
| 5                | 17              | 77                 | 95.686867       |  |  |  |
| 6                | 18              | 73                 | 75.926813       |  |  |  |

### **Domain Analysis for domain Imputation Number=20**

| Response Profile   |    |    |           |  |  |  |
|--|----|----|-----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weight |    |    |           |  |  |  |
| 7  | 19 | 18 | 33.125776 |  |  |  |
| 8  | 20 | 0  | 0.000000  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |
|---|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 18.2014   | 12 | 0.1097 |  |  |  |  |  |

| Model Fit Statistics                          |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept Intercept Criterion Only Covariates |          |          |  |  |  |  |
| AIC   | 1563.439 | 1564.031 |  |  |  |  |
| sc  | 1612.079 | 1626.568 |  |  |  |  |
| -2 Log L                                      | 1549.439 | 1546.031 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 3.4082 | 2 | 0.1819 |  |  |  |  |
| Score                                  | 3.2972 | 2 | 0.1923 |  |  |  |  |
| Wald                                   | 2.4157 | 2 | 0.2988 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.6803  | 0.4639            | 101.8064           | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0152  | 0.2780            | 52.5404            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0047  | 0.2374            | 17.9062            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1222  | 0.2365            | 0.2668             | 0.6055     |  |
| Intercept                                | 17 | 1  | 0.8627   | 0.2539            | 11.5447            | 0.0007     |  |
| Intercept                                | 18 | 1  | 2.2754   | 0.3649            | 38.8750            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0666  | 0.3000            | 10724.4384         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.3839 | 0.2906 | 1.7451 | 0.1865 |
| ra_grp_s8   |  | 1 | 0.2295 | 0.3444 | 0.4440 | 0.5052 |

| Odds Ratio Estimates |                   |       |       |  |  |
|----------------------|-------------------|-------|-------|--|--|
| Effect               | Point<br>Estimate |       |       |  |  |
| ra_grp_exp           | 1.468             | 0.831 | 2.595 |  |  |
| ra_grp_s8            | 1.258             | 0.640 | 2.471 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 36.2 Somers' D 0.061                          |       |       |       |  |  |  |
| Percent Discordant   | 30.0  | Gamma | 0.093 |  |  |  |
| Percent Tied   | 33.8  | Tau-a | 0.050 |  |  |  |
| Pairs  | 59028 | С     | 0.531 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.215168                    | 0.052858     | 0.04427      | 0.036335     | 0.027032     | 0.040551     | 0.029552     | -0.032     | -0.04656  |
| Intercept_14 | 0.052858                    | 0.077291     | 0.057893     | 0.050335     | 0.047728     | 0.057318     | 0.04948      | -0.05612   | -0.07449  |
| Intercept_15 | 0.04427                     | 0.057893     | 0.056368     | 0.050663     | 0.047546     | 0.055367     | 0.044561     | -0.05237   | -0.06353  |
| Intercept_16 | 0.036335                    | 0.050335     | 0.050663     | 0.055933     | 0.054296     | 0.060059     | 0.051765     | -0.05507   | -0.06681  |
| Intercept_17 | 0.027032                    | 0.047728     | 0.047546     | 0.054296     | 0.06447      | 0.076142     | 0.060357     | -0.06303   | -0.06916  |
| Intercept_18 | 0.040551                    | 0.057318     | 0.055367     | 0.060059     | 0.076142     | 0.13318      | 0.071676     | -0.08328   | -0.08949  |
| Intercept_19 | 0.029552                    | 0.04948      | 0.044561     | 0.051765     | 0.060357     | 0.071676     | 0.089994     | -0.07291   | -0.08832  |
| ra_grp_exp   | -0.032                      | -0.05612     | -0.05237     | -0.05507     | -0.06303     | -0.08328     | -0.07291     | 0.084472   | 0.084117  |
| ra_grp_s8    | -0.04656                    | -0.07449     | -0.06353     | -0.06681     | -0.06916     | -0.08949     | -0.08832     | 0.084117   | 0.118605  |

|      | formula  |  |  |  |  |
|------|--|--|--|--|--|
|      | COL1   |  |  |  |  |
| ROW1 | -1.67874923100674*1+0.020155548*Age+0.5504116788*SEXF+0.1075036969*RHISP-0.80710355394714*RBLK-0.22824631150859* ROTH-0.48339595741454*PT41+0.1339460741*PT42-0.22933223916557*PT43-0.25539485179043*PT44-0.67739748752581*PT45+0.4967842686* PT46+0.3860849795*PT48+0.9113166477*PT50+0.2710728213*PT50_1-0.14779275535622*PT51-0.00644941079325*PT55+0.4855160885* PT209-0.33822751331577*PT211+0.7082772972*PT212+0.0998827825*PT213+0.4691672782*PT214+1.2291632727*PT233+0.0954734554*PT237 |  |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |
|----------------------|-------------------------|--|--|--|
| Method Taylor Series |                         |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 73229.67 |
| Sum of Weights Used         | 8577.787 |

|                  | Response Profile |                    |                 |  |  |  |  |
|------------------|------------------|--------------------|-----------------|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt  | Total<br>Frequency | Total<br>Weight |  |  |  |  |
| 1                | 13               | 116                | 111.0449        |  |  |  |  |
| 2                | 14               | 856                | 978.2930        |  |  |  |  |
| 3                | 15               | 1418               | 1381.5788       |  |  |  |  |
| 4                | 16               | 1696               | 1909.2908       |  |  |  |  |
| 5                | 17               | 1674               | 1910.5744       |  |  |  |  |
| 6                | 18               | 1614               | 1798.4725       |  |  |  |  |
| 7                | 19               | 360                | 485.6067        |  |  |  |  |
| 8                | 20               | 1                  | 2.9260          |  |  |  |  |

#### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

|                         | Score Test for the Proportional Odds Assumption |    |        |  |  |
|-------------------------|---|----|--------|--|--|
| Chi-Square DF Pr > ChiS |   |    |        |  |  |
|                         | 448.9573  | 12 | <.0001 |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 30203.370         | 30184.030                      |  |  |  |
| sc                   | 30252.044         | 30246.612                      |  |  |  |
| -2 Log L             | 30189.370         | 30166.030                      |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |
|--|------------|----|------------|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |
| Likelihood Ratio                       | 23.3398    | 2  | <.0001     |  |  |
| Score                                  | 21.7763    | 2  | <.0001     |  |  |
| Wald                                   | 1.0771     | 2  | 0.5836     |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.4919  | 0.3593            | 156.2762           | <.0001     |
| Intercept                                | 14 | 1  | -2.0864  | 0.2130            | 95.9660            | <.0001     |
| Intercept                                | 15 | 1  | -1.0636  | 0.1889            | 31.7149            | <.0001     |
| Intercept                                | 16 | 1  | -0.1168  | 0.1936            | 0.3637             | 0.5465     |
| Intercept                                | 17 | 1  | 0.8539   | 0.2162            | 15.6027            | <.0001     |
| Intercept                                | 18 | 1  | 2.6550   | 0.3163            | 70.4590            | <.0001     |
| Intercept                                | 19 | 1  | 7.8347   | 1.0046            | 60.8169            | <.0001     |
| ra_grp_exp                               |    | 1  | 0.1787   | 0.2173            | 0.6761             | 0.4109     |
| ra_grp_s8                                |    | 1  | 0.2437   | 0.2349            | 1.0763             | 0.2995     |

| Odds Ratio Estimates             |       |       |       |  |
|----------------------------------|-------|-------|-------|--|
| Point 95% Wald Confidence Limits |       |       |       |  |
| ra_grp_exp                       | 1.196 | 0.781 | 1.831 |  |
| ra_grp_s8                        | 1.276 | 0.805 | 2.022 |  |

| Association of Predicted Probabilities and Observed Responses |          |           |       |  |
|---|----------|-----------|-------|--|
| Percent Concordant  | 35.4     | Somers' D | 0.049 |  |
| Percent Discordant  | 30.5     | Gamma     | 0.075 |  |
| Percent Tied  | 34.1     | Tau-a     | 0.040 |  |
| Pairs   | 24330010 | С         | 0.525 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.129112                    | 0.037752     | 0.044107     | 0.048792     | 0.052545     | 0.054957     | 0.072181     | -0.04757   | -0.0545   |
| Intercept_14 | 0.037752                    | 0.045361     | 0.036154     | 0.032334     | 0.033978     | 0.042404     | 0.057425     | -0.03621   | -0.0346   |
| Intercept_15 | 0.044107                    | 0.036154     | 0.035672     | 0.033812     | 0.036043     | 0.045984     | 0.051716     | -0.03557   | -0.03577  |
| Intercept_16 | 0.048792                    | 0.032334     | 0.033812     | 0.037499     | 0.039098     | 0.047506     | 0.047184     | -0.03486   | -0.03723  |
| Intercept_17 | 0.052545                    | 0.033978     | 0.036043     | 0.039098     | 0.046734     | 0.05963      | 0.081704     | -0.03958   | -0.04289  |
| Intercept_18 | 0.054957                    | 0.042404     | 0.045984     | 0.047506     | 0.05963      | 0.100041     | 0.104347     | -0.05122   | -0.06033  |
| Intercept_19 | 0.072181                    | 0.057425     | 0.051716     | 0.047184     | 0.081704     | 0.104347     | 1.009314     | -0.07049   | -0.09945  |
| ra_grp_exp   | -0.04757                    | -0.03621     | -0.03557     | -0.03486     | -0.03958     | -0.05122     | -0.07049     | 0.047238   | 0.039578  |
| ra_grp_s8    | -0.0545                     | -0.0346      | -0.03577     | -0.03723     | -0.04289     | -0.06033     | -0.09945     | 0.039578   | 0.055189  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

| Model Information         |                          |   |  |
|---------------------------|--------------------------|---|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |
| Number of Response Levels | 8                        |   |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |
| Number of Strata          | 5                        |   |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |
| Number of Clusters        | 116                      |   |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |
| Model                     | Cumulative Logit         |   |  |
| Optimization Technique    | Fisher's Scoring         |   |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 444.2803 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 8                  | 8.423639        |  |
| 2                | 14              | 47                 | 55.080892       |  |
| 3                | 15              | 78                 | 80.107558       |  |
| 4                | 16              | 88                 | 97.193625       |  |
| 5                | 17              | 83                 | 92.327756       |  |
| 6                | 18              | 79                 | 85.697312       |  |

### **Domain Analysis for domain Imputation Number=1**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 19                 | 25.449497       |  |
| 8                | 20              | 0                  | 0.000000        |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 29.6799   | 12 | 0.0031 |  |  |

| Model Fit Statistics        |          |          |  |  |  |  |
|-----------------------------|----------|----------|--|--|--|--|
| Criterion Intercept Covaria |          |          |  |  |  |  |
| AIC                         | 1598.394 | 1602.102 |  |  |  |  |
| sc                          | 1647.069 | 1664.684 |  |  |  |  |
| -2 Log L                    | 1584.394 | 1584.102 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 0.2919 | 2 | 0.8642 |  |  |  |  |
| Score                                  | 0.2749 | 2 | 0.8716 |  |  |  |  |
| Wald                                   | 0.1580 | 2 | 0.9240 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -3.8736  | 0.5039            | 59.1031            | <.0001     |
| Intercept                                | 14 | 1  | -1.7175  | 0.2990            | 33.0034            | <.0001     |
| Intercept                                | 15 | 1  | -0.6637  | 0.2729            | 5.9165             | 0.0150     |
| Intercept                                | 16 | 1  | 0.2450   | 0.2815            | 0.7575             | 0.3841     |
| Intercept                                | 17 | 1  | 1.1741   | 0.2913            | 16.2430            | <.0001     |
| Intercept                                | 18 | 1  | 2.8758   | 0.3861            | 55.4806            | <.0001     |
| Intercept                                | 19 | 1  | 31.3748  | 0.2819            | 12383.1376         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |         |        |        |        |  |
|---|--|---|---------|--------|--------|--------|--|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |         |        |        |        |  |
| ra_grp_exp  |  | 1 | -0.1173 | 0.3094 | 0.1436 | 0.7047 |  |
| ra_grp_s8   |  | 1 | -0.0735 | 0.2955 | 0.0619 | 0.8035 |  |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 0.889 | 0.485 | 1.631 |  |  |
| ra_grp_s8                                 | 0.929 | 0.521 | 1.658 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |  |
|--|-------|-------|-------|--|--|--|--|
| Percent Concordant 31.3 Somers' D031                             |       |       |       |  |  |  |  |
| Percent Discordant   | 34.3  | Gamma | 047   |  |  |  |  |
| Percent Tied 34.4 Tau-a025                                       |       |       |       |  |  |  |  |
| Pairs  | 66006 | С     | 0.485 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.253875                    | 0.082591     | 0.083123     | 0.092714     | 0.094095     | 0.087904     | 0.072504     | -0.09245   | -0.10096  |
| Intercept_14 | 0.082591                    | 0.089375     | 0.075279     | 0.071704     | 0.067897     | 0.073946     | 0.059578     | -0.07668   | -0.07084  |
| Intercept_15 | 0.083123                    | 0.075279     | 0.074454     | 0.073666     | 0.071097     | 0.078694     | 0.062003     | -0.07543   | -0.0702   |
| Intercept_16 | 0.092714                    | 0.071704     | 0.073666     | 0.079264     | 0.075896     | 0.082537     | 0.064187     | -0.07706   | -0.07139  |
| Intercept_17 | 0.094095                    | 0.067897     | 0.071097     | 0.075896     | 0.084865     | 0.091194     | 0.063912     | -0.07776   | -0.07306  |
| Intercept_18 | 0.087904                    | 0.073946     | 0.078694     | 0.082537     | 0.091194     | 0.149067     | 0.068465     | -0.08735   | -0.08517  |
| Intercept_19 | 0.072504                    | 0.059578     | 0.062003     | 0.064187     | 0.063912     | 0.068465     | 0.079493     | -0.07708   | -0.06307  |
| ra_grp_exp   | -0.09245                    | -0.07668     | -0.07543     | -0.07706     | -0.07776     | -0.08735     | -0.07708     | 0.095711   | 0.076042  |
| ra_grp_s8    | -0.10096                    | -0.07084     | -0.0702      | -0.07139     | -0.07306     | -0.08517     | -0.06307     | 0.076042   | 0.0873    |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method Taylor Ser   |                         |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 421.2528 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.202315        |  |  |  |
| 2                | 14              | 42                 | 45.121809       |  |  |  |
| 3                | 15              | 60                 | 60.245005       |  |  |  |
| 4                | 16              | 88                 | 97.069072       |  |  |  |
| 5                | 17              | 86                 | 96.620172       |  |  |  |
| 6                | 18              | 82                 | 95.199679       |  |  |  |

### **Domain Analysis for domain Imputation Number=2**

| Response Profile |    |    |                 |  |
|------------------|----|----|-----------------|--|
| Ordered<br>Value |    |    | Total<br>Weight |  |
| 7                | 19 | 16 | 21.794792       |  |
| 8                | 20 | 0  | 0.000000        |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |            |  |  |
|---|----|------------|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |
| 38.0888   | 12 | 0.0001     |  |  |

| Model Fit Statistics |                   |                                |  |  |
|----------------------|-------------------|--------------------------------|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |
| AIC                  | 1477.402          | 1480.628                       |  |  |
| sc                   | 1526.077          | 1543.209                       |  |  |
| -2 Log L             | 1463.402          | 1462.628                       |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |
|--|------------|----|------------|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |
| Likelihood Ratio                       | 0.7742     | 2  | 0.6790     |  |
| Score                                  | 0.7971     | 2  | 0.6713     |  |
| Wald                                   | 0.8202     | 2  | 0.6636     |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.4099  | 0.5624            | 61.4898            | <.0001     |
| Intercept                                | 14 | 1  | -2.0271  | 0.2549            | 63.2633            | <.0001     |
| Intercept                                | 15 | 1  | -1.0645  | 0.2285            | 21.7103            | <.0001     |
| Intercept                                | 16 | 1  | -0.0571  | 0.2454            | 0.0541             | 0.8161     |
| Intercept                                | 17 | 1  | 0.9316   | 0.2541            | 13.4428            | 0.0002     |
| Intercept                                | 18 | 1  | 2.8857   | 0.3766            | 58.7188            | <.0001     |
| Intercept                                | 19 | 1  | 31.2282  | 0.2749            | 12901.2533         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |         |        |            |        |
|---|--|---|---------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSc |  |   |         |        | Pr > ChiSq |        |
| ra_grp_exp  |  | 1 | 0.1100  | 0.2441 | 0.2033     | 0.6521 |
| ra_grp_s8   |  | 1 | -0.0616 | 0.3086 | 0.0398     | 0.8418 |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.116 | 0.692 | 1.801 |  |
| ra_grp_s8                                 | 0.940 | 0.514 | 1.722 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 34.8 Somers' D 0.03.                          |       |       |       |  |
| Percent Discordant   | 31.5  | Gamma | 0.050 |  |
| Percent Tied   | 33.7  | Tau-a | 0.027 |  |
| Pairs  | 58440 | с     | 0.517 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.316264                    | 0.086657     | 0.085472     | 0.096374     | 0.08778      | 0.0165       | 0.091841     | -0.07512   | -0.11579  |
| Intercept_14 | 0.086657                    | 0.06495      | 0.049188     | 0.0454       | 0.046131     | 0.033711     | 0.049538     | -0.0518    | -0.05057  |
| Intercept_15 | 0.085472                    | 0.049188     | 0.052192     | 0.051734     | 0.051256     | 0.044861     | 0.046304     | -0.0465    | -0.05702  |
| Intercept_16 | 0.096374                    | 0.0454       | 0.051734     | 0.060197     | 0.057107     | 0.049207     | 0.049063     | -0.04396   | -0.06387  |
| Intercept_17 | 0.08778                     | 0.046131     | 0.051256     | 0.057107     | 0.064555     | 0.062284     | 0.049583     | -0.04747   | -0.06309  |
| Intercept_18 | 0.0165                      | 0.033711     | 0.044861     | 0.049207     | 0.062284     | 0.141817     | 0.037561     | -0.0477    | -0.05827  |
| Intercept_19 | 0.091841                    | 0.049538     | 0.046304     | 0.049063     | 0.049583     | 0.037561     | 0.07559      | -0.05165   | -0.07067  |
| ra_grp_exp   | -0.07512                    | -0.0518      | -0.0465      | -0.04396     | -0.04747     | -0.0477      | -0.05165     | 0.059561   | 0.055449  |
| ra_grp_s8    | -0.11579                    | -0.05057     | -0.05702     | -0.06387     | -0.06309     | -0.05827     | -0.07067     | 0.055449   | 0.095235  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |
|---------------------|-------------------------|--|--|
| Method Taylor Serie |                         |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 409.109  |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 6.250314        |  |
| 2                | 14              | 43                 | 47.956272       |  |
| 3                | 15              | 74                 | 75.356682       |  |
| 4                | 16              | 83                 | 95.199961       |  |
| 5                | 17              | 73                 | 85.757019       |  |
| 6                | 18              | 71                 | 80.491305       |  |

### **Domain Analysis for domain Imputation Number=3**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 12                 | 18.097432       |  |
| 8                | 20              | 0                  | 0.000000        |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |
|---|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 31.3964   | 12 | 0.0017 |  |  |

| Model Fit Statistics                              |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC   | 1447.028 | 1440.156 |  |  |  |
| sc  | 1495.702 | 1502.737 |  |  |  |
| -2 Log L  | 1433.028 | 1422.156 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |         |   |        |  |  |  |  |
|--|---------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |         |   |        |  |  |  |  |
| Likelihood Ratio                       | 10.8720 | 2 | 0.0044 |  |  |  |  |
| Score                                  | 10.3284 | 2 | 0.0057 |  |  |  |  |
| Wald                                   | 7.1529  | 2 | 0.0280 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.5863  | 0.5314            | 74.4919            | <.0001     |
| Intercept                                | 14 | 1  | -2.2876  | 0.3467            | 43.5439            | <.0001     |
| Intercept                                | 15 | 1  | -1.1591  | 0.2890            | 16.0844            | <.0001     |
| Intercept                                | 16 | 1  | -0.1774  | 0.2818            | 0.3962             | 0.5291     |
| Intercept                                | 17 | 1  | 0.7852   | 0.3004            | 6.8349             | 0.0089     |
| Intercept                                | 18 | 1  | 2.7328   | 0.4643            | 34.6453            | <.0001     |
| Intercept                                | 19 | 1  | 30.9066  | 0.2969            | 10834.7398         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |  |
|---|--|---|--------|--------|--------|--------|--|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |  |
| ra_grp_exp  |  | 1 | 0.2332 | 0.3278 | 0.5062 | 0.4768 |  |
| ra_grp_s8   |  | 1 | 0.7335 | 0.3137 | 5.4676 | 0.0194 |  |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.263 | 0.664 | 2.400 |  |  |
| ra_grp_s8                                 | 2.082 | 1.126 | 3.851 |  |  |

| Association of Predicted Probabilities and Observed Responses |       |       |       |  |  |  |
|---|-------|-------|-------|--|--|--|
| Percent Concordant 37.8 Somers' D 0.109                       |       |       |       |  |  |  |
| Percent Discordant  | 26.9  | Gamma | 0.168 |  |  |  |
| Percent Tied 35.3 Tau-a 0.08                                  |       |       |       |  |  |  |
| Pairs   | 53140 | С     | 0.554 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.282371                    | 0.127422     | 0.101223     | 0.092637     | 0.102839     | 0.132231     | 0.084519     | -0.10339   | -0.10173  |
| Intercept_14 | 0.127422                    | 0.120182     | 0.094239     | 0.085788     | 0.088611     | 0.096278     | 0.07287      | -0.09681   | -0.08317  |
| Intercept_15 | 0.101223                    | 0.094239     | 0.083523     | 0.075418     | 0.077412     | 0.093645     | 0.063867     | -0.08228   | -0.07135  |
| Intercept_16 | 0.092637                    | 0.085788     | 0.075418     | 0.079412     | 0.079546     | 0.102148     | 0.063944     | -0.0797    | -0.0675   |
| Intercept_17 | 0.102839                    | 0.088611     | 0.077412     | 0.079546     | 0.090212     | 0.115257     | 0.071292     | -0.08696   | -0.07417  |
| Intercept_18 | 0.132231                    | 0.096278     | 0.093645     | 0.102148     | 0.115257     | 0.215558     | 0.094962     | -0.11203   | -0.08408  |
| Intercept_19 | 0.084519                    | 0.07287      | 0.063867     | 0.063944     | 0.071292     | 0.094962     | 0.088162     | -0.08375   | -0.06688  |
| ra_grp_exp   | -0.10339                    | -0.09681     | -0.08228     | -0.0797      | -0.08696     | -0.11203     | -0.08375     | 0.107425   | 0.072025  |
| ra_grp_s8    | -0.10173                    | -0.08317     | -0.07135     | -0.0675      | -0.07417     | -0.08408     | -0.06688     | 0.072025   | 0.098413  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 467.6321 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.90790         |  |  |  |
| 2                | 14              | 40                 | 46.30609        |  |  |  |
| 3                | 15              | 88                 | 88.25113        |  |  |  |
| 4                | 16              | 85                 | 94.56349        |  |  |  |
| 5                | 17              | 86                 | 105.79478       |  |  |  |
| 6                | 18              | 85                 | 96.71309        |  |  |  |

### **Domain Analysis for domain Imputation Number=4**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 21                 | 30.09558        |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |
|---|----|------------|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |
| 18.3479   | 12 | 0.1055     |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1660.838          | 1661.634                       |  |  |  |
| sc                   | 1709.512          | 1724.216                       |  |  |  |
| -2 Log L             | 1646.838          | 1643.634                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 3.2035     | 2  | 0.2015     |  |  |  |
| Score                                  | 3.2407     | 2  | 0.1978     |  |  |  |
| Wald                                   | 2.6755     | 2  | 0.2624     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.4109  | 0.5486            | 64.6390            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.1227  | 0.2826            | 56.4045            | <.0001     |  |
| Intercept                                | 15 | 1  | -0.8865  | 0.2377            | 13.9058            | 0.0002     |  |
| Intercept                                | 16 | 1  | -0.0256  | 0.2336            | 0.0120             | 0.9127     |  |
| Intercept                                | 17 | 1  | 0.9550   | 0.2334            | 16.7360            | <.0001     |  |
| Intercept                                | 18 | 1  | 2.6451   | 0.3387            | 60.9988            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.3160  | 0.2524            | 15393.6021         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | -0.0932  | 0.2670            | 0.1219             | 0.7269     |
| ra_grp_s8                                |  | 1  | 0.2419   | 0.2789            | 0.7522             | 0.3858     |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 0.911 | 0.540 | 1.537 |  |  |
| ra_grp_s8  | 1.274 | 0.737 | 2.200 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 35.0  | Somers' D | 0.042 |  |  |  |
| Percent Discordant   | 30.8  | Gamma     | 0.064 |  |  |  |
| Percent Tied   | 34.2  | Tau-a     | 0.034 |  |  |  |
| Pairs  | 68627 | С         | 0.521 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.301        | 0.068135     | 0.066749     | 0.074184     | 0.067136     | 0.0604       | 0.074243     | -0.06931   | -0.08944  |
| Intercept_14                | 0.068135     | 0.079884     | 0.059111     | 0.050075     | 0.045142     | 0.051316     | 0.03154      | -0.05207   | -0.05124  |
| Intercept_15                | 0.066749     | 0.059111     | 0.056515     | 0.049991     | 0.046895     | 0.058092     | 0.040042     | -0.05423   | -0.05424  |
| Intercept_16                | 0.074184     | 0.050075     | 0.049991     | 0.05456      | 0.048795     | 0.062349     | 0.044044     | -0.05042   | -0.05543  |
| Intercept_17                | 0.067136     | 0.045142     | 0.046895     | 0.048795     | 0.054495     | 0.070382     | 0.042276     | -0.05058   | -0.05309  |
| Intercept_18                | 0.0604       | 0.051316     | 0.058092     | 0.062349     | 0.070382     | 0.114703     | 0.051195     | -0.06057   | -0.0705   |
| Intercept_19                | 0.074243     | 0.03154      | 0.040042     | 0.044044     | 0.042276     | 0.051195     | 0.063708     | -0.04979   | -0.05053  |
| ra_grp_exp                  | -0.06931     | -0.05207     | -0.05423     | -0.05042     | -0.05058     | -0.06057     | -0.04979     | 0.071297   | 0.053259  |
| ra_grp_s8                   | -0.08944     | -0.05124     | -0.05424     | -0.05543     | -0.05309     | -0.0705      | -0.05053     | 0.053259   | 0.077794  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 429.2831 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.41629         |  |  |  |
| 2                | 14              | 37                 | 41.92577        |  |  |  |
| 3                | 15              | 77                 | 72.25669        |  |  |  |
| 4                | 16              | 91                 | 110.72438       |  |  |  |
| 5                | 17              | 82                 | 90.44504        |  |  |  |
| 6                | 18              | 81                 | 90.86452        |  |  |  |

### **Domain Analysis for domain Imputation Number=5**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 13                 | 17.65044        |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |
|---|----|--------|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |
| 22.6449   | 12 | 0.0309 |  |  |  |  |

| Model Fit Statistics                          |          |          |  |  |
|---|----------|----------|--|--|
| Intercept Intercept Criterion Only Covariates |          |          |  |  |
| AIC   | 1490.561 | 1493.345 |  |  |
| sc  | 1539.236 | 1555.926 |  |  |
| -2 Log L                                      | 1476.561 | 1475.345 |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 1.2166 | 2 | 0.5443 |  |  |  |
| Score                                  | 1.1808 | 2 | 0.5541 |  |  |  |
| Wald                                   | 0.8847 | 2 | 0.6425 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.5047  | 0.5680            | 62.8974            | <.0001     |
| Intercept                                | 14 | 1  | -2.2323  | 0.2766            | 65.1416            | <.0001     |
| Intercept                                | 15 | 1  | -1.0945  | 0.2353            | 21.6305            | <.0001     |
| Intercept                                | 16 | 1  | 0.00277  | 0.2393            | 0.0001             | 0.9908     |
| Intercept                                | 17 | 1  | 0.9407   | 0.2649            | 12.6133            | 0.0004     |
| Intercept                                | 18 | 1  | 3.0116   | 0.3812            | 62.4077            | <.0001     |
| Intercept                                | 19 | 1  | 31.1333  | 0.2655            | 13751.7748         | <.0001     |

| Analysis of Maximum Likelihood Estimates                |  |   |        |        |            |        |
|---|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > Chi |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp  |  | 1 | 0.1382 | 0.2706 | 0.2610     | 0.6094 |
| ra_grp_s8   |  | 1 | 0.2485 | 0.2765 | 0.8075     | 0.3689 |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.148 | 0.676 | 1.952 |  |  |
| ra_grp_s8  | 1.282 | 0.746 | 2.204 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |  |
|--|-------|-------|-------|--|--|--|--|
| Percent Concordant 36.1 Somers' D 0.061                          |       |       |       |  |  |  |  |
| Percent Discordant   | 30.0  | Gamma | 0.092 |  |  |  |  |
| Percent Tied 34.0 Tau-a 0.04                                     |       |       |       |  |  |  |  |
| Pairs  | 60350 | С     | 0.530 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.322631                    | 0.078252     | 0.082405     | 0.088121     | 0.099148     | 0.073635     | 0.085169     | -0.09238   | -0.08848  |
| Intercept_14 | 0.078252                    | 0.076495     | 0.057974     | 0.046736     | 0.056799     | 0.043214     | 0.046558     | -0.05688   | -0.04796  |
| Intercept_15 | 0.082405                    | 0.057974     | 0.055384     | 0.048845     | 0.054066     | 0.049418     | 0.044796     | -0.05473   | -0.04697  |
| Intercept_16 | 0.088121                    | 0.046736     | 0.048845     | 0.057254     | 0.059198     | 0.057238     | 0.046952     | -0.05248   | -0.05103  |
| Intercept_17 | 0.099148                    | 0.056799     | 0.054066     | 0.059198     | 0.070164     | 0.067577     | 0.05263      | -0.05952   | -0.05855  |
| Intercept_18 | 0.073635                    | 0.043214     | 0.049418     | 0.057238     | 0.067577     | 0.14533      | 0.04621      | -0.05111   | -0.06558  |
| Intercept_19 | 0.085169                    | 0.046558     | 0.044796     | 0.046952     | 0.05263      | 0.04621      | 0.070484     | -0.05865   | -0.06079  |
| ra_grp_exp   | -0.09238                    | -0.05688     | -0.05473     | -0.05248     | -0.05952     | -0.05111     | -0.05865     | 0.073223   | 0.057385  |
| ra_grp_s8    | -0.08848                    | -0.04796     | -0.04697     | -0.05103     | -0.05855     | -0.06558     | -0.06079     | 0.057385   | 0.076463  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method              | Taylor Series           |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 441.9246 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 2                  | 2.27913         |  |  |  |
| 2                | 14              | 47                 | 58.07604        |  |  |  |
| 3                | 15              | 72                 | 73.64023        |  |  |  |
| 4                | 16              | 90                 | 98.18608        |  |  |  |
| 5                | 17              | 87                 | 101.42142       |  |  |  |
| 6                | 18              | 70                 | 79.37874        |  |  |  |

### **Domain Analysis for domain Imputation Number=6**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 17                 | 26.01697        |  |  |  |
| 8                | 20              | 1                  | 2.92599         |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 63.5278   | 12 | <.0001 |  |  |  |

| Model Fit Statistics |                                |          |  |  |  |
|----------------------|--------------------------------|----------|--|--|--|
| Criterion            | Intercept<br>and<br>Covariates |          |  |  |  |
| AIC                  | 1580.914                       | 1580.955 |  |  |  |
| sc                   | 1629.589                       | 1643.536 |  |  |  |
| -2 Log L             | 1566.914                       | 1562.955 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 3.9594 | 2 | 0.1381 |  |  |  |
| Score                                  | 4.0605 | 2 | 0.1313 |  |  |  |
| Wald                                   | 2.4399 | 2 | 0.2952 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -5.3558  | 1.0044            | 28.4326            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9371  | 0.2821            | 47.1379            | <.0001     |  |
| Intercept                                | 15 | 1  | -0.9257  | 0.2536            | 13.3298            | 0.0003     |  |
| Intercept                                | 16 | 1  | 0.0150   | 0.2640            | 0.0032             | 0.9546     |  |
| Intercept                                | 17 | 1  | 1.0517   | 0.3044            | 11.9330            | 0.0006     |  |
| Intercept                                | 18 | 1  | 2.5906   | 0.5017            | 26.6636            | <.0001     |  |
| Intercept                                | 19 | 1  | 4.9431   | 1.0645            | 21.5613            | <.0001     |  |

| Analysis of Maximum Likelihood Estimates   |  |   |         |            |        |        |
|--|--|---|---------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSquare Pr > |  |   |         | Pr > ChiSq |        |        |
| ra_grp_exp   |  | 1 | 0.2564  | 0.2843     | 0.8134 | 0.3671 |
| ra_grp_s8  |  | 1 | -0.1132 | 0.3030     | 0.1396 | 0.7087 |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.292 | 0.740 | 2.256 |  |
| ra_grp_s8                                 | 0.893 | 0.493 | 1.617 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 34.8 Somers' D 0.04.                          |       |       |       |  |
| Percent Discordant   | 30.4  | Gamma | 0.067 |  |
| Percent Tied   | 34.8  | Tau-a | 0.035 |  |
| Pairs  | 60370 | с     | 0.522 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 1.008864                    | 0.053029     | 0.076321     | 0.131848     | 0.137292     | 0.193261     | 0.264999     | -0.08072   | -0.0998   |
| Intercept_14 | 0.053029                    | 0.079607     | 0.064464     | 0.057106     | 0.062258     | 0.080855     | 0.16384      | -0.06509   | -0.05104  |
| Intercept_15 | 0.076321                    | 0.064464     | 0.064293     | 0.060866     | 0.067865     | 0.096076     | 0.171646     | -0.06312   | -0.05747  |
| Intercept_16 | 0.131848                    | 0.057106     | 0.060866     | 0.06967      | 0.076073     | 0.110174     | 0.173382     | -0.0603    | -0.06566  |
| Intercept_17 | 0.137292                    | 0.062258     | 0.067865     | 0.076073     | 0.092687     | 0.138608     | 0.22363      | -0.06565   | -0.07835  |
| Intercept_18 | 0.193261                    | 0.080855     | 0.096076     | 0.110174     | 0.138608     | 0.251692     | 0.411381     | -0.09096   | -0.12408  |
| Intercept_19 | 0.264999                    | 0.16384      | 0.171646     | 0.173382     | 0.22363      | 0.411381     | 1.133261     | -0.18325   | -0.17629  |
| ra_grp_exp   | -0.08072                    | -0.06509     | -0.06312     | -0.0603      | -0.06565     | -0.09096     | -0.18325     | 0.080817   | 0.056394  |
| ra_grp_s8    | -0.0998                     | -0.05104     | -0.05747     | -0.06566     | -0.07835     | -0.12408     | -0.17629     | 0.056394   | 0.091816  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 116                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation |                         |  |
|---------------------|-------------------------|--|
| Method              | Taylor Series           |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 438.0731 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 5                  | 5.06401         |  |
| 2                | 14              | 45                 | 45.92108        |  |
| 3                | 15              | 78                 | 75.28058        |  |
| 4                | 16              | 89                 | 99.38962        |  |
| 5                | 17              | 93                 | 105.91071       |  |
| 6                | 18              | 74                 | 82.46988        |  |

### **Domain Analysis for domain Imputation Number=7**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 19                 | 24.03724        |  |
| 8                | 20              | 0                  | 0.00000         |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |
|---|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 19.6193   | 12 | 0.0746 |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1542.073 | 1544.973 |  |  |  |
| sc                                      | 1590.747 | 1607.555 |  |  |  |
| -2 Log L                                | 1528.073 | 1526.973 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 1.0992 | 2 | 0.5772 |  |  |  |  |
| Score                                  | 1.0254 | 2 | 0.5989 |  |  |  |  |
| Wald                                   | 0.7123 | 2 | 0.7004 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.6065  | 0.5158            | 79.7575            | <.0001     |
| Intercept                                | 14 | 1  | -2.1856  | 0.2935            | 55.4535            | <.0001     |
| Intercept                                | 15 | 1  | -1.0635  | 0.2265            | 22.0543            | <.0001     |
| Intercept                                | 16 | 1  | -0.0994  | 0.2292            | 0.1880             | 0.6646     |
| Intercept                                | 17 | 1  | 0.9783   | 0.2453            | 15.9048            | <.0001     |
| Intercept                                | 18 | 1  | 2.6940   | 0.3462            | 60.5524            | <.0001     |
| Intercept                                | 19 | 1  | 31.1380  | 0.2771            | 12625.2133         | <.0001     |

| Analysis of Maximum Likelihood Estimates          |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Error Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.1960 | 0.2825 | 0.4815 | 0.4878 |
| ra_grp_s8   |  | 1 | 0.2219 | 0.2734 | 0.6591 | 0.4169 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.217 | 0.699 | 2.116 |  |  |
| ra_grp_s8                                 | 1.249 | 0.731 | 2.134 |  |  |

| Association of Predicted Probabilities and Observed Responses |       |       |       |  |  |  |
|---|-------|-------|-------|--|--|--|
| Percent Concordant 35.3 Somers' D 0.049                       |       |       |       |  |  |  |
| Percent Discordant  | 30.4  | Gamma | 0.074 |  |  |  |
| Percent Tied 34.3 Tau-a 0.04                                  |       |       |       |  |  |  |
| Pairs   | 65934 | с     | 0.524 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.266054                    | 0.074473     | 0.068934     | 0.073302     | 0.079812     | 0.073698     | 0.080797     | -0.05972   | -0.07632  |
| Intercept_14 | 0.074473                    | 0.086143     | 0.059447     | 0.05387      | 0.046272     | 0.053385     | 0.056559     | -0.06234   | -0.05699  |
| Intercept_15 | 0.068934                    | 0.059447     | 0.051288     | 0.046707     | 0.044037     | 0.050992     | 0.046298     | -0.05075   | -0.04637  |
| Intercept_16 | 0.073302                    | 0.05387      | 0.046707     | 0.052539     | 0.049497     | 0.055041     | 0.050728     | -0.0532    | -0.04718  |
| Intercept_17 | 0.079812                    | 0.046272     | 0.044037     | 0.049497     | 0.060171     | 0.068912     | 0.053509     | -0.05421   | -0.05041  |
| Intercept_18 | 0.073698                    | 0.053385     | 0.050992     | 0.055041     | 0.068912     | 0.11986      | 0.063971     | -0.06187   | -0.06863  |
| Intercept_19 | 0.080797                    | 0.056559     | 0.046298     | 0.050728     | 0.053509     | 0.063971     | 0.076797     | -0.06426   | -0.05582  |
| ra_grp_exp   | -0.05972                    | -0.06234     | -0.05075     | -0.0532      | -0.05421     | -0.06187     | -0.06426     | 0.079799   | 0.049058  |
| ra_grp_s8    | -0.07632                    | -0.05699     | -0.04637     | -0.04718     | -0.05041     | -0.06863     | -0.05582     | 0.049058   | 0.074738  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 420.4625 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.098781        |  |  |  |
| 2                | 14              | 41                 | 51.303538       |  |  |  |
| 3                | 15              | 66                 | 64.944875       |  |  |  |
| 4                | 16              | 77                 | 89.488030       |  |  |  |
| 5                | 17              | 91                 | 99.375592       |  |  |  |
| 6                | 18              | 80                 | 89.796300       |  |  |  |

### **Domain Analysis for domain Imputation Number=8**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 16                 | 20.455399       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 27.2481   | 12 | 0.0071     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1481.993          | 1483.812                       |  |  |  |
| sc                   | 1530.668          | 1546.393                       |  |  |  |
| -2 Log L             | 1467.993          | 1465.812                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 2.1817     | 2  | 0.3359     |  |  |  |
| Score                                  | 2.1013     | 2  | 0.3497     |  |  |  |
| Wald                                   | 1.6505     | 2  | 0.4381     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.5738  | 0.5429            | 70.9854            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0371  | 0.2962            | 47.2932            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0729  | 0.2537            | 17.8863            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1657  | 0.2517            | 0.4335             | 0.5103     |  |
| Intercept                                | 17 | 1  | 0.8645   | 0.2580            | 11.2289            | 0.0008     |  |
| Intercept                                | 18 | 1  | 2.8118   | 0.3614            | 60.5447            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0921  | 0.2414            | 16588.7951         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |            |        |
|---|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp  |  | 1 | 0.1532 | 0.2962 | 0.2674     | 0.6051 |
| ra_grp_s8   |  | 1 | 0.3407 | 0.2828 | 1.4518     | 0.2282 |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.166 | 0.652 | 2.083 |  |
| ra_grp_s8                                 | 1.406 | 0.808 | 2.447 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 37.2 Somers' D 0.082                          |       |       |       |  |  |  |
| Percent Discordant   | 29.0  | Gamma | 0.124 |  |  |  |
| Percent Tied   | 33.8  | Tau-a | 0.067 |  |  |  |
| Pairs  | 57595 | С     | 0.541 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.294708     | 0.090066     | 0.082686     | 0.072148     | 0.061582     | 0.084151     | 0.06332      | -0.07276   | -0.10112  |
| Intercept_14                | 0.090066     | 0.087745     | 0.064474     | 0.057133     | 0.053        | 0.062391     | 0.047582     | -0.06648   | -0.05551  |
| Intercept_15                | 0.082686     | 0.064474     | 0.06436      | 0.058526     | 0.056022     | 0.059451     | 0.045702     | -0.06428   | -0.05476  |
| Intercept_16                | 0.072148     | 0.057133     | 0.058526     | 0.063351     | 0.058323     | 0.05621      | 0.048283     | -0.06205   | -0.05615  |
| Intercept_17                | 0.061582     | 0.053        | 0.056022     | 0.058323     | 0.066551     | 0.072626     | 0.04924      | -0.0656    | -0.05421  |
| Intercept_18                | 0.084151     | 0.062391     | 0.059451     | 0.05621      | 0.072626     | 0.130586     | 0.052283     | -0.06813   | -0.07007  |
| Intercept_19                | 0.06332      | 0.047582     | 0.045702     | 0.048283     | 0.04924      | 0.052283     | 0.058275     | -0.05875   | -0.05195  |
| ra_grp_exp                  | -0.07276     | -0.06648     | -0.06428     | -0.06205     | -0.0656      | -0.06813     | -0.05875     | 0.08773    | 0.058216  |
| ra_grp_s8                   | -0.10112     | -0.05551     | -0.05476     | -0.05615     | -0.05421     | -0.07007     | -0.05195     | 0.058216   | 0.079954  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 431.4154 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 4                  | 3.74083         |  |  |  |
| 2                | 14              | 42                 | 45.89899        |  |  |  |
| 3                | 15              | 74                 | 72.04427        |  |  |  |
| 4                | 16              | 82                 | 97.38583        |  |  |  |
| 5                | 17              | 80                 | 87.10414        |  |  |  |
| 6                | 18              | 89                 | 101.18849       |  |  |  |

### **Domain Analysis for domain Imputation Number=9**

| Response Profile  |    |    |          |  |  |  |
|---|----|----|----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weigh |    |    |          |  |  |  |
| 7   | 19 | 19 | 24.05288 |  |  |  |
| 8   | 20 | 0  | 0.00000  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 18.2804   | 12 | 0.1074 |  |  |  |  |  |

| Model Fit Statistics                          |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept Intercept Criterion Only Covariates |          |          |  |  |  |
| AIC   | 1514.055 | 1515.903 |  |  |  |
| sc  | 1562.730 | 1578.484 |  |  |  |
| -2 Log L                                      | 1500.055 | 1497.903 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 2.1523 | 2 | 0.3409 |  |  |  |  |
| Score                                  | 2.0809 | 2 | 0.3533 |  |  |  |  |
| Wald                                   | 1.5844 | 2 | 0.4528 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.9461  | 0.6850            | 52.1337            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2448  | 0.2291            | 95.9990            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1354  | 0.1962            | 33.4912            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1691  | 0.2000            | 0.7144             | 0.3980     |  |
| Intercept                                | 17 | 1  | 0.6940   | 0.2315            | 8.9854             | 0.0027     |  |
| Intercept                                | 18 | 1  | 2.6351   | 0.3687            | 51.0703            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9031  | 0.2593            | 14208.1460         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |            |
|---|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp  |  | 1 | 0.2172 | 0.2438 | 0.7936 | 0.3730     |
| ra_grp_s8   |  | 1 | 0.3351 | 0.2676 | 1.5684 | 0.2104     |

| Odds Ratio Estimates                      |       |             |       |  |  |
|---|-------|-------------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |             |       |  |  |
| ra_grp_exp                                | 1.243 | 0.771 2.004 |       |  |  |
| ra_grp_s8                                 | 1.398 | 0.828       | 2.362 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 36.6 Somers' D 0.075                          |       |   |       |  |  |  |  |
| Percent Discordant 29.1 Gamma 0.115                              |       |   |       |  |  |  |  |
| Percent Tied 34.4 Tau-a 0.061                                    |       |   |       |  |  |  |  |
| Pairs  | 61719 | С | 0.538 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.469254                    | 0.059945     | 0.06253      | 0.067771     | 0.084807     | 0.071032     | 0.071331     | -0.05841   | -0.06394  |
| Intercept_14 | 0.059945                    | 0.052489     | 0.037392     | 0.03369      | 0.035452     | 0.042894     | 0.034462     | -0.04157   | -0.03218  |
| Intercept_15 | 0.06253                     | 0.037392     | 0.038494     | 0.035082     | 0.039169     | 0.050318     | 0.034477     | -0.03908   | -0.0351   |
| Intercept_16 | 0.067771                    | 0.03369      | 0.035082     | 0.040014     | 0.042394     | 0.054176     | 0.037998     | -0.03756   | -0.04108  |
| Intercept_17 | 0.084807                    | 0.035452     | 0.039169     | 0.042394     | 0.053607     | 0.071556     | 0.04284      | -0.04438   | -0.04715  |
| Intercept_18 | 0.071032                    | 0.042894     | 0.050318     | 0.054176     | 0.071556     | 0.135964     | 0.056187     | -0.06018   | -0.07188  |
| Intercept_19 | 0.071331                    | 0.034462     | 0.034477     | 0.037998     | 0.04284      | 0.056187     | 0.067215     | -0.05011   | -0.05121  |
| ra_grp_exp   | -0.05841                    | -0.04157     | -0.03908     | -0.03756     | -0.04438     | -0.06018     | -0.05011     | 0.059424   | 0.041291  |
| ra_grp_s8    | -0.06394                    | -0.03218     | -0.0351      | -0.04108     | -0.04715     | -0.07188     | -0.05121     | 0.041291   | 0.071592  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method              | Taylor Series           |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 399.8026 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.730526        |  |  |  |
| 2                | 14              | 46                 | 55.026885       |  |  |  |
| 3                | 15              | 58                 | 53.162096       |  |  |  |
| 4                | 16              | 77                 | 84.926871       |  |  |  |
| 5                | 17              | 84                 | 92.188541       |  |  |  |
| 6                | 18              | 80                 | 84.867195       |  |  |  |

### **Domain Analysis for domain Imputation Number=10**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 18                 | 23.900460       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 34.0970   | 12 | 0.0007 |  |  |  |

| Model Fit Statistics |                                |          |  |  |  |  |
|----------------------|--------------------------------|----------|--|--|--|--|
| Criterion            | Intercept<br>and<br>Covariates |          |  |  |  |  |
| AIC                  | 1426.797                       | 1429.469 |  |  |  |  |
| sc                   | 1475.471                       | 1492.050 |  |  |  |  |
| -2 Log L             | 1412.797                       | 1411.469 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 1.3281 | 2 | 0.5147 |  |  |  |
| Score                                  | 1.2440 | 2 | 0.5369 |  |  |  |
| Wald                                   | 1.1555 | 2 | 0.5612 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.3970  | 0.4664            | 88.8960            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.8873  | 0.2573            | 53.8066            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0881  | 0.2217            | 24.0872            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1784  | 0.1976            | 0.8155             | 0.3665     |  |
| Intercept                                | 17 | 1  | 0.8172   | 0.2175            | 14.1178            | 0.0002     |  |
| Intercept                                | 18 | 1  | 2.5950   | 0.3537            | 53.8257            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0469  | 0.2350            | 17458.0417         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |            |        |
|---|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp  |  | 1 | 0.1935 | 0.2464 | 0.6166     | 0.4323 |
| ra_grp_s8   |  | 1 | 0.2611 | 0.2441 | 1.1443     | 0.2847 |

| Odds Ratio Estimates                             |       |       |       |  |
|--|-------|-------|-------|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                       | 1.214 | 0.749 | 1.967 |  |
| ra_grp_s8  | 1.298 | 0.805 | 2.095 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 35.9 Somers' D 0.053                          |       |       |       |  |
| Percent Discordant   | 30.5  | Gamma | 0.080 |  |
| Percent Tied   | 33.6  | Tau-a | 0.043 |  |
| Pairs  | 55468 | С     | 0.527 |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.21749      | 0.06701      | 0.061364     | 0.045511     | 0.052201     | 0.066204     | 0.033868     | -0.05461   | -0.04756  |
| Intercept_14                | 0.06701      | 0.066199     | 0.051876     | 0.041459     | 0.039532     | 0.048522     | 0.034281     | -0.04588   | -0.04035  |
| Intercept_15                | 0.061364     | 0.051876     | 0.049152     | 0.03815      | 0.036537     | 0.050797     | 0.032501     | -0.04274   | -0.03734  |
| Intercept_16                | 0.045511     | 0.041459     | 0.03815      | 0.039029     | 0.038078     | 0.051385     | 0.032305     | -0.03721   | -0.03825  |
| Intercept_17                | 0.052201     | 0.039532     | 0.036537     | 0.038078     | 0.047301     | 0.0618       | 0.03348      | -0.03658   | -0.04333  |
| Intercept_18                | 0.066204     | 0.048522     | 0.050797     | 0.051385     | 0.0618       | 0.125105     | 0.057478     | -0.05561   | -0.06251  |
| Intercept_19                | 0.033868     | 0.034281     | 0.032501     | 0.032305     | 0.03348      | 0.057478     | 0.055213     | -0.04246   | -0.04067  |
| ra_grp_exp                  | -0.05461     | -0.04588     | -0.04274     | -0.03721     | -0.03658     | -0.05561     | -0.04246     | 0.060738   | 0.039695  |
| ra_grp_s8                   | -0.04756     | -0.04035     | -0.03734     | -0.03825     | -0.04333     | -0.06251     | -0.04067     | 0.039695   | 0.059579  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 116                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation |                         |  |
|---------------------|-------------------------|--|
| Method              | Taylor Series           |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 455.6648 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 6.17859         |  |
| 2                | 14              | 41                 | 43.96181        |  |
| 3                | 15              | 79                 | 76.54449        |  |
| 4                | 16              | 90                 | 98.15728        |  |
| 5                | 17              | 84                 | 104.80880       |  |
| 6                | 18              | 84                 | 93.50474        |  |

### Domain Analysis for domain Imputation Number=11

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 24                 | 32.50907        |  |
| 8                | 20              | 0                  | 0.00000         |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 22.4360   | 12 | 0.0329 |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1623.117 | 1622.530 |  |  |  |  |
| sc                                      | 1671.792 | 1685.111 |  |  |  |  |
| -2 Log L                                | 1609.117 | 1604.530 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 4.5876 | 2 | 0.1009 |  |  |  |  |
| Score                                  | 4.3954 | 2 | 0.1111 |  |  |  |  |
| Wald                                   | 2.7516 | 2 | 0.2526 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.5731  | 0.5109            | 80.1269            | <.0001     |
| Intercept                                | 14 | 1  | -2.3748  | 0.2206            | 115.8885           | <.0001     |
| Intercept                                | 15 | 1  | -1.2370  | 0.2163            | 32.6977            | <.0001     |
| Intercept                                | 16 | 1  | -0.3083  | 0.1966            | 2.4595             | 0.1168     |
| Intercept                                | 17 | 1  | 0.6844   | 0.2355            | 8.4464             | 0.0037     |
| Intercept                                | 18 | 1  | 2.3028   | 0.3546            | 42.1664            | <.0001     |
| Intercept                                | 19 | 1  | 31.0698  | 0.2524            | 15150.4369         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |  |
|---|--|---|--------|--------|--------|--------|--|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |  |
| ra_grp_exp  |  | 1 | 0.3055 | 0.2693 | 1.2866 | 0.2567 |  |
| ra_grp_s8   |  | 1 | 0.4666 | 0.2815 | 2.7476 | 0.0974 |  |

| Odds Ratio Estimates |   |       |       |  |  |
|----------------------|---|-------|-------|--|--|
| Effect               | Point 95% Wald Frect Estimate Confidence Limits |       |       |  |  |
| ra_grp_exp           | 1.357   | 0.801 | 2.301 |  |  |
| ra_grp_s8            | 1.595   | 0.918 | 2.769 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 37.0 Somers' D 0.078                          |       |       |       |  |  |  |
| Percent Discordant   | Gamma | 0.118 |       |  |  |  |
| Percent Tied 33.7 Tau-a 0.064                                    |       |       |       |  |  |  |
| Pairs  | 67859 | С     | 0.539 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.260999                    | 0.06235      | 0.059583     | 0.057636     | 0.053856     | 0.05979      | 0.061632     | -0.06602   | -0.06173  |
| Intercept_14 | 0.06235                     | 0.048665     | 0.041154     | 0.035095     | 0.039318     | 0.050628     | 0.037817     | -0.04125   | -0.04736  |
| Intercept_15 | 0.059583                    | 0.041154     | 0.046795     | 0.038055     | 0.043647     | 0.058783     | 0.038668     | -0.04263   | -0.05249  |
| Intercept_16 | 0.057636                    | 0.035095     | 0.038055     | 0.038637     | 0.040309     | 0.051249     | 0.038006     | -0.04077   | -0.04297  |
| Intercept_17 | 0.053856                    | 0.039318     | 0.043647     | 0.040309     | 0.05546      | 0.07334      | 0.047247     | -0.04947   | -0.05362  |
| Intercept_18 | 0.05979                     | 0.050628     | 0.058783     | 0.051249     | 0.07334      | 0.125763     | 0.062071     | -0.06686   | -0.07754  |
| Intercept_19 | 0.061632                    | 0.037817     | 0.038668     | 0.038006     | 0.047247     | 0.062071     | 0.063716     | -0.05718   | -0.05022  |
| ra_grp_exp   | -0.06602                    | -0.04125     | -0.04263     | -0.04077     | -0.04947     | -0.06686     | -0.05718     | 0.072543   | 0.049707  |
| ra_grp_s8    | -0.06173                    | -0.04736     | -0.05249     | -0.04297     | -0.05362     | -0.07754     | -0.05022     | 0.049707   | 0.079251  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 418.1982 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 3.977275        |  |  |  |
| 2                | 14              | 43                 | 52.623147       |  |  |  |
| 3                | 15              | 59                 | 56.207284       |  |  |  |
| 4                | 16              | 82                 | 94.913749       |  |  |  |
| 5                | 17              | 75                 | 91.804205       |  |  |  |
| 6                | 18              | 86                 | 99.928631       |  |  |  |

### **Domain Analysis for domain Imputation Number=12**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 16                 | 18.743922       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 32.3106   | 12 | 0.0012     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1457.207          | 1460.722                       |  |  |  |
| sc                   | 1505.881          | 1523.304                       |  |  |  |
| -2 Log L             | 1443.207          | 1442.722                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 0.4847     | 2  | 0.7848     |  |  |  |
| Score                                  | 0.4324     | 2  | 0.8056     |  |  |  |
| Wald                                   | 0.2483     | 2  | 0.8832     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.7579  | 0.5412            | 77.2977            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9681  | 0.3569            | 30.4027            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1114  | 0.2941            | 14.2851            | 0.0002     |  |
| Intercept                                | 16 | 1  | -0.1298  | 0.2823            | 0.2113             | 0.6458     |  |
| Intercept                                | 17 | 1  | 0.8114   | 0.2943            | 7.6009             | 0.0058     |  |
| Intercept                                | 18 | 1  | 2.9496   | 0.4679            | 39.7352            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.1519  | 0.2845            | 11987.6729         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.1646   | 0.3369            | 0.2388             | 0.6251     |
| ra_grp_s8                                |  | 1  | 0.1102   | 0.3205            | 0.1183             | 0.7309     |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.179 | 0.609 | 2.282 |  |  |
| ra_grp_s8                                 | 1.117 | 0.596 | 2.092 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 35.5 Somers' D 0.058                          |       |       |       |  |  |  |
| Percent Discordant   | 29.7  | Gamma | 0.088 |  |  |  |
| Percent Tied   | 34.7  | Tau-a | 0.047 |  |  |  |
| Pairs  | 54300 | С     | 0.529 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.292861     | 0.104421     | 0.091144     | 0.076846     | 0.071161     | 0.089406     | 0.060525     | -0.09763   | -0.09732  |
| Intercept_14                | 0.104421     | 0.127404     | 0.098553     | 0.083532     | 0.073843     | 0.104883     | 0.059587     | -0.09147   | -0.08601  |
| Intercept_15                | 0.091144     | 0.098553     | 0.086473     | 0.076623     | 0.073384     | 0.100892     | 0.059928     | -0.08657   | -0.0795   |
| Intercept_16                | 0.076846     | 0.083532     | 0.076623     | 0.079692     | 0.075033     | 0.099577     | 0.061215     | -0.08035   | -0.07577  |
| Intercept_17                | 0.071161     | 0.073843     | 0.073384     | 0.075033     | 0.086622     | 0.114946     | 0.069298     | -0.08707   | -0.07698  |
| Intercept_18                | 0.089406     | 0.104883     | 0.100892     | 0.099577     | 0.114946     | 0.218954     | 0.099824     | -0.11797   | -0.11411  |
| Intercept_19                | 0.060525     | 0.059587     | 0.059928     | 0.061215     | 0.069298     | 0.099824     | 0.080953     | -0.0809    | -0.07097  |
| ra_grp_exp                  | -0.09763     | -0.09147     | -0.08657     | -0.08035     | -0.08707     | -0.11797     | -0.0809      | 0.113523   | 0.088392  |
| ra_grp_s8                   | -0.09732     | -0.08601     | -0.0795      | -0.07577     | -0.07698     | -0.11411     | -0.07097     | 0.088392   | 0.10269   |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 407.7314 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 5.248586        |  |  |  |
| 2                | 14              | 43                 | 48.736292       |  |  |  |
| 3                | 15              | 63                 | 60.753131       |  |  |  |
| 4                | 16              | 87                 | 95.155744       |  |  |  |
| 5                | 17              | 79                 | 87.772778       |  |  |  |
| 6                | 18              | 79                 | 84.454031       |  |  |  |

### **Domain Analysis for domain Imputation Number=13**

| Response Profile |                 |    |           |  |  |  |
|------------------|-----------------|----|-----------|--|--|--|
| Ordered<br>Value | Total<br>Weight |    |           |  |  |  |
| 7                | 19              | 18 | 25.610840 |  |  |  |
| 8                | 20              | 0  | 0.000000  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 32.5708   | 12 | 0.0011 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1452.286 | 1456.116 |  |  |  |
| sc                                      | 1500.961 | 1518.698 |  |  |  |
| -2 Log L                                | 1438.286 | 1438.116 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 0.1702 | 2 | 0.9184 |  |  |  |  |
| Score                                  | 0.1616 | 2 | 0.9224 |  |  |  |  |
| Wald                                   | 0.1310 | 2 | 0.9366 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.3903  | 0.4943            | 78.8964            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9313  | 0.2783            | 48.1743            | <.0001     |  |
| Intercept                                | 15 | 1  | -0.9896  | 0.2451            | 16.3007            | <.0001     |  |
| Intercept                                | 16 | 1  | 0.00769  | 0.2376            | 0.0010             | 0.9742     |  |
| Intercept                                | 17 | 1  | 0.9447   | 0.2451            | 14.8569            | 0.0001     |  |
| Intercept                                | 18 | 1  | 2.6534   | 0.3865            | 47.1392            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.1713  | 0.2396            | 16931.1181         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |            |
|---|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp  |  | 1 | 0.0914 | 0.2817 | 0.1052 | 0.7456     |
| ra_grp_s8   |  | 1 | 0.0446 | 0.2956 | 0.0228 | 0.8801     |

| Odds Ratio Estimates                             |       |            |       |  |  |
|--|-------|------------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |            |       |  |  |
| ra_grp_exp                                       | 1.096 | 0.631 1.90 |       |  |  |
| ra_grp_s8  | 1.046 | 0.586      | 1.866 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 35.7 Somers' D 0.049                          |       |   |       |  |  |  |  |
| Percent Discordant 30.8 Gamma 0.07                               |       |   |       |  |  |  |  |
| Percent Tied 33.5 Tau-a 0.040                                    |       |   |       |  |  |  |  |
| Pairs  | 56829 | с | 0.524 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.244305                    | 0.057185     | 0.044488     | 0.053326     | 0.059124     | 0.053241     | 0.04553      | -0.05351   | -0.06713  |
| Intercept_14 | 0.057185                    | 0.077426     | 0.061207     | 0.055531     | 0.056254     | 0.074046     | 0.046684     | -0.0613    | -0.06193  |
| Intercept_15 | 0.044488                    | 0.061207     | 0.060074     | 0.054199     | 0.053144     | 0.072309     | 0.03956      | -0.05645   | -0.05937  |
| Intercept_16 | 0.053326                    | 0.055531     | 0.054199     | 0.056472     | 0.054845     | 0.068342     | 0.039752     | -0.05633   | -0.05812  |
| Intercept_17 | 0.059124                    | 0.056254     | 0.053144     | 0.054845     | 0.06007      | 0.07396      | 0.04175      | -0.05595   | -0.06211  |
| Intercept_18 | 0.053241                    | 0.074046     | 0.072309     | 0.068342     | 0.07396      | 0.149352     | 0.059807     | -0.07418   | -0.08444  |
| Intercept_19 | 0.04553                     | 0.046684     | 0.03956      | 0.039752     | 0.04175      | 0.059807     | 0.057388     | -0.0546    | -0.05178  |
| ra_grp_exp   | -0.05351                    | -0.0613      | -0.05645     | -0.05633     | -0.05595     | -0.07418     | -0.0546      | 0.079333   | 0.064691  |
| ra_grp_s8    | -0.06713                    | -0.06193     | -0.05937     | -0.05812     | -0.06211     | -0.08444     | -0.05178     | 0.064691   | 0.0874    |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information                       |                          |   |  |  |  |  |
|---|--------------------------|---|--|--|--|--|
| Data Set WORK.FNLPRED_PTSD_YOUTH        |                          |   |  |  |  |  |
| Response Variable f_mh_pts_rec_yt       |                          |   |  |  |  |  |
| Number of Response Levels 8             |                          |   |  |  |  |  |
| Stratum Variable                        | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata                        | 5                        |   |  |  |  |  |
| Cluster Variable                        | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters                      | 116                      |   |  |  |  |  |
| Weight Variable                         | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model Cumulative Logit                  |                          |   |  |  |  |  |
| Optimization Technique Fisher's Scoring |                          |   |  |  |  |  |
| Variance Adjustment                     | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method Taylor Serie |                         |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 395.5699 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 8                  | 9.072099        |  |  |  |
| 2                | 14              | 35                 | 39.946054       |  |  |  |
| 3                | 15              | 67                 | 64.141656       |  |  |  |
| 4                | 16              | 75                 | 81.042770       |  |  |  |
| 5                | 17              | 80                 | 90.394506       |  |  |  |
| 6                | 18              | 74                 | 83.543796       |  |  |  |

### **Domain Analysis for domain Imputation Number=14**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 20                 | 27.429046       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 37.2756   | 12 | 0.0002 |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |  |
| AIC                  | 1429.098          | 1430.360                       |  |  |  |  |
| sc                   | 1477.773          | 1492.942                       |  |  |  |  |
| -2 Log L             | 1415.098          | 1412.360                       |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 2.7383 | 2 | 0.2543 |  |  |  |
| Score                                  | 2.5024 | 2 | 0.2862 |  |  |  |
| Wald                                   | 1.3614 | 2 | 0.5063 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.0257  | 0.5261            | 58.5496            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2301  | 0.3143            | 50.3307            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1864  | 0.2849            | 17.3374            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.3076  | 0.2839            | 1.1733             | 0.2787     |  |
| Intercept                                | 17 | 1  | 0.6730   | 0.3140            | 4.5939             | 0.0321     |  |
| Intercept                                | 18 | 1  | 2.3397   | 0.3975            | 34.6384            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9567  | 0.3091            | 10033.0531         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |            |        |        |
|---|--|---|--------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.2897 | 0.3060     | 0.8967 | 0.3437 |
| ra_grp_s8   |  | 1 | 0.4027 | 0.3482     | 1.3376 | 0.2475 |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.336 | 0.733 | 2.434 |  |
| ra_grp_s8                                 | 1.496 | 0.756 | 2.960 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 36.3 Somers' D 0.066                          |       |       |       |  |
| Percent Discordant   | 29.6  | Gamma | 0.101 |  |
| Percent Tied   | 34.1  | Tau-a | 0.054 |  |
| Pairs  | 52601 | С     | 0.533 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.276798                    | 0.119765     | 0.116582     | 0.127923     | 0.131858     | 0.143881     | 0.129314     | -0.1226    | -0.1473   |
| Intercept_14 | 0.119765                    | 0.098815     | 0.081631     | 0.076212     | 0.076737     | 0.087891     | 0.075234     | -0.07848   | -0.08817  |
| Intercept_15 | 0.116582                    | 0.081631     | 0.081191     | 0.075353     | 0.078213     | 0.090559     | 0.072026     | -0.0779    | -0.0798   |
| Intercept_16 | 0.127923                    | 0.076212     | 0.075353     | 0.080625     | 0.08118      | 0.087784     | 0.072896     | -0.07864   | -0.0776   |
| Intercept_17 | 0.131858                    | 0.076737     | 0.078213     | 0.08118      | 0.09858      | 0.109121     | 0.081668     | -0.0827    | -0.08949  |
| Intercept_18 | 0.143881                    | 0.087891     | 0.090559     | 0.087784     | 0.109121     | 0.158045     | 0.096713     | -0.09266   | -0.11034  |
| Intercept_19 | 0.129314                    | 0.075234     | 0.072026     | 0.072896     | 0.081668     | 0.096713     | 0.095516     | -0.08289   | -0.08935  |
| ra_grp_exp   | -0.1226                     | -0.07848     | -0.0779      | -0.07864     | -0.0827      | -0.09266     | -0.08289     | 0.093631   | 0.077485  |
| ra_grp_s8    | -0.1473                     | -0.08817     | -0.0798      | -0.0776      | -0.08949     | -0.11034     | -0.08935     | 0.077485   | 0.121247  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

|                           | М                        | odel Information  |
|---------------------------|--------------------------|---|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |
| Response Variable         | f_mh_pts_rec_yt          |   |
| Number of Response Levels | 8                        |   |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |
| Number of Strata          | 5                        |   |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |
| Number of Clusters        | 116                      |   |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |
| Model                     | Cumulative Logit         |   |
| Optimization Technique    | Fisher's Scoring         |   |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |

| Variance Estimation |                         |  |
|---------------------|-------------------------|--|
| Method              | Taylor Series           |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 435.853  |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 5                  | 5.245387        |  |
| 2                | 14              | 45                 | 49.425243       |  |
| 3                | 15              | 77                 | 74.153228       |  |
| 4                | 16              | 83                 | 94.558197       |  |
| 5                | 17              | 88                 | 94.001885       |  |
| 6                | 18              | 86                 | 95.190934       |  |

### **Domain Analysis for domain Imputation Number=15**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 18                 | 23.278153       |  |
| 8                | 20              | 0                  | 0.000000        |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 65685 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 24.5002   | 12 | 0.0174 |  |  |

| Model Fit Statistics                  |          |          |  |  |  |
|---------------------------------------|----------|----------|--|--|--|
| Intercept an Criterion Only Covariate |          |          |  |  |  |
| AIC                                   | 1541.661 | 1541.985 |  |  |  |
| sc                                    | 1590.335 | 1604.566 |  |  |  |
| -2 Log L                              | 1527.661 | 1523.985 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 3.6761 | 2 | 0.1591 |  |  |  |
| Score                                  | 3.6531 | 2 | 0.1610 |  |  |  |
| Wald                                   | 2.5025 | 2 | 0.2861 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.5785  | 0.5443            | 70.7563            | <.0001     |
| Intercept                                | 14 | 1  | -2.1114  | 0.2647            | 63.6316            | <.0001     |
| Intercept                                | 15 | 1  | -1.0331  | 0.2498            | 17.1076            | <.0001     |
| Intercept                                | 16 | 1  | -0.1115  | 0.2677            | 0.1734             | 0.6771     |
| Intercept                                | 17 | 1  | 0.8265   | 0.2807            | 8.6682             | 0.0032     |
| Intercept                                | 18 | 1  | 2.7253   | 0.3775            | 52.1270            | <.0001     |
| Intercept                                | 19 | 1  | 31.1372  | 0.2679            | 13504.6207         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.0863 | 0.2827 | 0.0933 | 0.7600 |
| ra_grp_s8   |  | 1 | 0.4018 | 0.3103 | 1.6765 | 0.1954 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.090 | 0.626 | 1.897 |  |  |
| ra_grp_s8                                 | 1.495 | 0.813 | 2.746 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 37.0 Somers' D 0.084                          |       |       |       |  |  |  |
| Percent Discordant   | 28.6  | Gamma | 0.127 |  |  |  |
| Percent Tied 34.4 Tau-a 0.06                                     |       |       |       |  |  |  |
| Pairs  | 65636 | С     | 0.542 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.296269                    | 0.07756      | 0.091293     | 0.104577     | 0.10232      | 0.087507     | 0.087896     | -0.1009    | -0.09712  |
| Intercept_14 | 0.07756                     | 0.070059     | 0.057166     | 0.054675     | 0.058512     | 0.056606     | 0.040113     | -0.05307   | -0.0656   |
| Intercept_15 | 0.091293                    | 0.057166     | 0.062388     | 0.06303      | 0.063701     | 0.065929     | 0.04974      | -0.06016   | -0.06588  |
| Intercept_16 | 0.104577                    | 0.054675     | 0.06303      | 0.071669     | 0.071039     | 0.070841     | 0.057718     | -0.06552   | -0.07097  |
| Intercept_17 | 0.10232                     | 0.058512     | 0.063701     | 0.071039     | 0.078796     | 0.079304     | 0.059083     | -0.06783   | -0.07463  |
| Intercept_18 | 0.087507                    | 0.056606     | 0.065929     | 0.070841     | 0.079304     | 0.142488     | 0.065369     | -0.06402   | -0.08363  |
| Intercept_19 | 0.087896                    | 0.040113     | 0.04974      | 0.057718     | 0.059083     | 0.065369     | 0.071792     | -0.0654    | -0.05948  |
| ra_grp_exp   | -0.1009                     | -0.05307     | -0.06016     | -0.06552     | -0.06783     | -0.06402     | -0.0654      | 0.079918   | 0.063319  |
| ra_grp_s8    | -0.09712                    | -0.0656      | -0.06588     | -0.07097     | -0.07463     | -0.08363     | -0.05948     | 0.063319   | 0.096311  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 405.6073 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 7                  | 5.737662        |  |  |  |
| 2                | 14              | 43                 | 50.828498       |  |  |  |
| 3                | 15              | 73                 | 67.011022       |  |  |  |
| 4                | 16              | 85                 | 94.567182       |  |  |  |
| 5                | 17              | 88                 | 91.743921       |  |  |  |
| 6                | 18              | 73                 | 73.866227       |  |  |  |

### **Domain Analysis for domain Imputation Number=16**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 19                 | 21.852832       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 65685 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |
|---|----|------------|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |
| 30.0588   | 12 | 0.0027     |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1442.712          | 1443.916                       |  |  |  |
| sc                   | 1491.387          | 1506.497                       |  |  |  |
| -2 Log L             | 1428.712          | 1425.916                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 2.7965     | 2  | 0.2470     |  |  |  |
| Score                                  | 2.5624     | 2  | 0.2777     |  |  |  |
| Wald                                   | 1.8094     | 2  | 0.4047     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.5119  | 0.4035            | 125.0499           | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0883  | 0.2537            | 67.7379            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0973  | 0.2254            | 23.6903            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1205  | 0.2415            | 0.2490             | 0.6178     |  |
| Intercept                                | 17 | 1  | 0.9129   | 0.2636            | 11.9940            | 0.0005     |  |
| Intercept                                | 18 | 1  | 2.6170   | 0.3744            | 48.8593            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9842  | 0.2694            | 13232.3526         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.3665   | 0.2758            | 1.7661             | 0.1839     |
| ra_grp_s8                                |  | 1  | 0.3221   | 0.2810            | 1.3138             | 0.2517     |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.443 | 0.840 | 2.477 |  |  |
| ra_grp_s8                                 | 1.380 | 0.796 | 2.394 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Percent Concordant 36.7 Somers' D 0.072                          |       |       |       |  |  |
| Percent Discordant   | 29.5  | Gamma | 0.108 |  |  |
| Percent Tied   | 33.8  | Tau-a | 0.059 |  |  |
| Pairs  | 61329 | С     | 0.536 |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.162793     | 0.038379     | 0.043799     | 0.042319     | 0.046941     | 0.058446     | 0.048821     | -0.05284   | -0.05361  |
| Intercept_14                | 0.038379     | 0.064379     | 0.050236     | 0.044932     | 0.045075     | 0.053468     | 0.042619     | -0.04628   | -0.04545  |
| Intercept_15                | 0.043799     | 0.050236     | 0.050826     | 0.048627     | 0.050157     | 0.058535     | 0.044866     | -0.05124   | -0.0475   |
| Intercept_16                | 0.042319     | 0.044932     | 0.048627     | 0.05833      | 0.058538     | 0.062989     | 0.051824     | -0.05607   | -0.05089  |
| Intercept_17                | 0.046941     | 0.045075     | 0.050157     | 0.058538     | 0.069483     | 0.076012     | 0.0579       | -0.06137   | -0.0566   |
| Intercept_18                | 0.058446     | 0.053468     | 0.058535     | 0.062989     | 0.076012     | 0.140172     | 0.069249     | -0.07053   | -0.07365  |
| Intercept_19                | 0.048821     | 0.042619     | 0.044866     | 0.051824     | 0.0579       | 0.069249     | 0.072551     | -0.06414   | -0.05875  |
| ra_grp_exp                  | -0.05284     | -0.04628     | -0.05124     | -0.05607     | -0.06137     | -0.07053     | -0.06414     | 0.076042   | 0.058964  |
| ra_grp_s8                   | -0.05361     | -0.04545     | -0.0475      | -0.05089     | -0.0566      | -0.07365     | -0.05875     | 0.058964   | 0.078971  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 455.3828 |

| Response Profile |                 |                    |                 |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |
| 1                | 13              | 9                  | 8.58731         |  |  |  |  |
| 2                | 14              | 46                 | 52.52303        |  |  |  |  |
| 3                | 15              | 71                 | 68.75402        |  |  |  |  |
| 4                | 16              | 94                 | 99.64588        |  |  |  |  |
| 5                | 17              | 84                 | 94.32106        |  |  |  |  |
| 6                | 18              | 92                 | 104.85708       |  |  |  |  |

### **Domain Analysis for domain Imputation Number=17**

| Response Profile  |    |    |          |  |  |  |
|---|----|----|----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Wei |    |    |          |  |  |  |
| 7   | 19 | 17 | 26.69444 |  |  |  |
| 8   | 20 | 0  | 0.00000  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 65685 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 53.0826   | 12 | <.0001 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1628.311 | 1627.732 |  |  |  |
| sc                                      | 1676.986 | 1690.313 |  |  |  |
| -2 Log L                                | 1614.311 | 1609.732 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 4.5792 | 2 | 0.1013 |  |  |  |  |
| Score                                  | 4.3218 | 2 | 0.1152 |  |  |  |  |
| Wald                                   | 3.1108 | 2 | 0.2111 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.2106  | 0.4608            | 83.4971            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.1212  | 0.2410            | 77.4691            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1719  | 0.2238            | 27.4160            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.2359  | 0.1965            | 1.4415             | 0.2299     |  |
| Intercept                                | 17 | 1  | 0.6504   | 0.2313            | 7.9080             | 0.0049     |  |
| Intercept                                | 18 | 1  | 2.5401   | 0.3546            | 51.3245            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.1203  | 0.2202            | 19977.7498         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                 |  |   |        |        |        |            |
|--|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiS |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp   |  | 1 | 0.2213 | 0.2355 | 0.8828 | 0.3474     |
| ra_grp_s8  |  | 1 | 0.4721 | 0.2690 | 3.0797 | 0.0793     |

| Odds Ratio Estimates                             |       |               |       |  |  |  |
|--|-------|---------------|-------|--|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |               |       |  |  |  |
| ra_grp_exp                                       | 1.248 | 8 0.786 1.980 |       |  |  |  |
| ra_grp_s8  | 1.603 | 0.946         | 2.716 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 36.8 Somers' D 0.070                          |       |   |       |  |  |  |  |
| Percent Discordant 29.8 Gamma 0.10                               |       |   |       |  |  |  |  |
| Percent Tied 33.4 Tau-a 0.057                                    |       |   |       |  |  |  |  |
| Pairs  | 69343 | С | 0.535 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.212334                    | 0.057518     | 0.061267     | 0.057874     | 0.058545     | 0.049967     | 0.048389     | -0.05612   | -0.05991  |
| Intercept_14 | 0.057518                    | 0.058081     | 0.046973     | 0.036966     | 0.038171     | 0.048219     | 0.028395     | -0.04262   | -0.0367   |
| Intercept_15 | 0.061267                    | 0.046973     | 0.050091     | 0.039834     | 0.040536     | 0.049358     | 0.02905      | -0.04111   | -0.03769  |
| Intercept_16 | 0.057874                    | 0.036966     | 0.039834     | 0.038618     | 0.041326     | 0.047419     | 0.02928      | -0.03517   | -0.03742  |
| Intercept_17 | 0.058545                    | 0.038171     | 0.040536     | 0.041326     | 0.053499     | 0.064246     | 0.037209     | -0.04207   | -0.04692  |
| Intercept_18 | 0.049967                    | 0.048219     | 0.049358     | 0.047419     | 0.064246     | 0.125709     | 0.051941     | -0.05724   | -0.07038  |
| Intercept_19 | 0.048389                    | 0.028395     | 0.02905      | 0.02928      | 0.037209     | 0.051941     | 0.048478     | -0.03975   | -0.0442   |
| ra_grp_exp   | -0.05612                    | -0.04262     | -0.04111     | -0.03517     | -0.04207     | -0.05724     | -0.03975     | 0.055468   | 0.038941  |
| ra_grp_s8    | -0.05991                    | -0.0367      | -0.03769     | -0.03742     | -0.04692     | -0.07038     | -0.0442      | 0.038941   | 0.072358  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 437.5574 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 7                  | 6.45730         |  |  |  |
| 2                | 14              | 39                 | 43.72875        |  |  |  |
| 3                | 15              | 60                 | 60.12461        |  |  |  |
| 4                | 16              | 81                 | 94.12785        |  |  |  |
| 5                | 17              | 93                 | 112.56170       |  |  |  |
| 6                | 18              | 84                 | 95.83780        |  |  |  |

### **Domain Analysis for domain Imputation Number=18**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 20                 | 24.71933        |  |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 65685 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |  |  |  |
|---|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 20.7563   | 12 | 0.0541 |  |  |  |

| Model Fit Statistics             |          |          |  |  |  |  |
|----------------------------------|----------|----------|--|--|--|--|
| Intercept Criterion Only Covaria |          |          |  |  |  |  |
| AIC                              | 1536.603 | 1539.281 |  |  |  |  |
| sc                               | 1585.278 | 1601.862 |  |  |  |  |
| -2 Log L                         | 1522.603 | 1521.281 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 1.3224 | 2 | 0.5162 |  |  |  |
| Score                                  | 1.2631 | 2 | 0.5318 |  |  |  |
| Wald                                   | 0.9886 | 2 | 0.6100 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.3540  | 0.4320            | 101.5957           | <.0001     |  |
| Intercept                                | 14 | 1  | -2.1963  | 0.2568            | 73.1430            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.2403  | 0.2272            | 29.7919            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.2847  | 0.2372            | 1.4410             | 0.2300     |  |
| Intercept                                | 17 | 1  | 0.8147   | 0.2408            | 11.4501            | 0.0007     |  |
| Intercept                                | 18 | 1  | 2.6687   | 0.3998            | 44.5608            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.1431  | 0.2470            | 15901.9741         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates            |  |   |        |            |        |        |
|---|--|---|--------|------------|--------|--------|
| Parameter DF Estimate Standard Chi-Square Pr > ChiS |  |   |        | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.2479 | 0.2537     | 0.9542 | 0.3287 |
| ra_grp_s8   |  | 1 | 0.1351 | 0.2817     | 0.2301 | 0.6315 |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.281 | 0.779 | 2.107 |  |
| ra_grp_s8                                 | 1.145 | 0.659 | 1.988 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 36.6 Somers' D 0.075                          |       |       |       |  |
| Percent Discordant   | 29.1  | Gamma | 0.114 |  |
| Percent Tied   | 34.3  | Tau-a | 0.061 |  |
| Pairs  | 59810 | С     | 0.538 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.186592                    | 0.051412     | 0.050306     | 0.039823     | 0.047327     | 0.075863     | 0.040624     | -0.0251    | -0.06772  |
| Intercept_14 | 0.051412                    | 0.065947     | 0.050936     | 0.046674     | 0.042501     | 0.065737     | 0.033163     | -0.04142   | -0.04554  |
| Intercept_15 | 0.050306                    | 0.050936     | 0.051635     | 0.049082     | 0.045353     | 0.06742      | 0.036771     | -0.04265   | -0.05014  |
| Intercept_16 | 0.039823                    | 0.046674     | 0.049082     | 0.05625      | 0.049936     | 0.070117     | 0.041846     | -0.04548   | -0.05145  |
| Intercept_17 | 0.047327                    | 0.042501     | 0.045353     | 0.049936     | 0.057974     | 0.082747     | 0.043302     | -0.04733   | -0.05272  |
| Intercept_18 | 0.075863                    | 0.065737     | 0.06742      | 0.070117     | 0.082747     | 0.159828     | 0.069045     | -0.07491   | -0.08858  |
| Intercept_19 | 0.040624                    | 0.033163     | 0.036771     | 0.041846     | 0.043302     | 0.069045     | 0.060992     | -0.04857   | -0.05249  |
| ra_grp_exp   | -0.0251                     | -0.04142     | -0.04265     | -0.04548     | -0.04733     | -0.07491     | -0.04857     | 0.064382   | 0.045551  |
| ra_grp_s8    | -0.06772                    | -0.04554     | -0.05014     | -0.05145     | -0.05272     | -0.08858     | -0.05249     | 0.045551   | 0.079332  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 |        |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

|                           | М                        | odel Information  |
|---------------------------|--------------------------|---|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |
| Response Variable         | f_mh_pts_rec_yt          |   |
| Number of Response Levels | 8                        |   |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |
| Number of Strata          | 5                        |   |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |
| Number of Clusters        | 116                      |   |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |
| Model                     | Cumulative Logit         |   |
| Optimization Technique    | Fisher's Scoring         |   |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |

| Variance Estimation |                         |  |  |
|---------------------|-------------------------|--|--|
| Method Taylor Serie |                         |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 436.9563 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 4                  | 3.18314         |  |
| 2                | 14              | 43                 | 49.33017        |  |
| 3                | 15              | 66                 | 64.88362        |  |
| 4                | 16              | 91                 | 101.60275       |  |
| 5                | 17              | 80                 | 91.47092        |  |
| 6                | 18              | 91                 | 104.71849       |  |

### **Domain Analysis for domain Imputation Number=19**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 20                 | 21.76723        |  |
| 8                | 20              | 0                  | 0.00000         |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 65685 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 17.1979   | 12 | 0.1423 |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1520.326 | 1523.487 |  |  |  |
| sc                                      | 1569.000 | 1586.069 |  |  |  |
| -2 Log L                                | 1506.326 | 1505.487 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 0.8382 | 2 | 0.6576 |  |  |  |  |
| Score                                  | 0.7999 | 2 | 0.6704 |  |  |  |  |
| Wald                                   | 0.4558 | 2 | 0.7962 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -5.0374  | 0.5638            | 79.8191            | <.0001     |
| Intercept                                | 14 | 1  | -2.1145  | 0.2841            | 55.4170            | <.0001     |
| Intercept                                | 15 | 1  | -1.1262  | 0.2493            | 20.3982            | <.0001     |
| Intercept                                | 16 | 1  | -0.1196  | 0.2646            | 0.2044             | 0.6512     |
| Intercept                                | 17 | 1  | 0.7757   | 0.2835            | 7.4848             | 0.0062     |
| Intercept                                | 18 | 1  | 2.8301   | 0.4015            | 49.6770            | <.0001     |
| Intercept                                | 19 | 1  | 31.1688  | 0.2810            | 12302.5453         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.1923 | 0.2880 | 0.4457 | 0.5044 |
| ra_grp_s8   |  | 1 | 0.1398 | 0.3146 | 0.1974 | 0.6568 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.212 | 0.689 | 2.131 |  |  |
| ra_grp_s8                                 | 1.150 | 0.621 | 2.131 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |
|--|-------|---|-------|--|--|--|
| Percent Concordant 35.5 Somers' D 0.044                          |       |   |       |  |  |  |
| Percent Discordant 31.1 Gamma 0.                                 |       |   |       |  |  |  |
| Percent Tied 33.4 Tau-a 0.035                                    |       |   |       |  |  |  |
| Pairs  | 63221 | С | 0.522 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.317916                    | 0.085647     | 0.061533     | 0.055324     | 0.05815      | 0.041808     | 0.074897     | -0.07924   | -0.09894  |
| Intercept_14 | 0.085647                    | 0.080685     | 0.059106     | 0.057825     | 0.053566     | 0.054988     | 0.051811     | -0.05703   | -0.06193  |
| Intercept_15 | 0.061533                    | 0.059106     | 0.062174     | 0.062612     | 0.061685     | 0.071797     | 0.054457     | -0.06207   | -0.06396  |
| Intercept_16 | 0.055324                    | 0.057825     | 0.062612     | 0.06999      | 0.065235     | 0.076229     | 0.055492     | -0.0637    | -0.06335  |
| Intercept_17 | 0.05815                     | 0.053566     | 0.061685     | 0.065235     | 0.080382     | 0.099121     | 0.06447      | -0.06875   | -0.07759  |
| Intercept_18 | 0.041808                    | 0.054988     | 0.071797     | 0.076229     | 0.099121     | 0.161232     | 0.0739       | -0.07721   | -0.09979  |
| Intercept_19 | 0.074897                    | 0.051811     | 0.054457     | 0.055492     | 0.06447      | 0.0739       | 0.078967     | -0.06726   | -0.0734   |
| ra_grp_exp   | -0.07924                    | -0.05703     | -0.06207     | -0.0637      | -0.06875     | -0.07721     | -0.06726     | 0.082957   | 0.069123  |
| ra_grp_s8    | -0.09894                    | -0.06193     | -0.06396     | -0.06335     | -0.07759     | -0.09979     | -0.0734      | 0.069123   | 0.098997  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7735     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 426.0305 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 4.243824        |  |  |  |
| 2                | 14              | 48                 | 54.572635       |  |  |  |
| 3                | 15              | 78                 | 73.716668       |  |  |  |
| 4                | 16              | 78                 | 91.392471       |  |  |  |
| 5                | 17              | 78                 | 94.749449       |  |  |  |
| 6                | 18              | 74                 | 75.904269       |  |  |  |

### **Domain Analysis for domain Imputation Number=20**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 18                 | 31.451187       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 65685 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 24.3637   | 12 | 0.0181     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1528.093          | 1529.343                       |  |  |  |
| sc                   | 1576.768          | 1591.924                       |  |  |  |
| -2 Log L             | 1514.093          | 1511.343                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |   |        |  |  |  |
|--|------------|---|--------|--|--|--|
| Test                                   | Pr > ChiSq |   |        |  |  |  |
| Likelihood Ratio                       | 2.7503     | 2 | 0.2528 |  |  |  |
| Score                                  | 2.6208     | 2 | 0.2697 |  |  |  |
| Wald                                   | 1.5294     | 2 | 0.4655 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |
| Intercept                                | 13 | 1  | -4.8218  | 0.4473            | 116.2016           | <.0001     |  |  |
| Intercept                                | 14 | 1  | -2.0545  | 0.2964            | 48.0492            | <.0001     |  |  |
| Intercept                                | 15 | 1  | -1.0185  | 0.2471            | 16.9945            | <.0001     |  |  |
| Intercept                                | 16 | 1  | -0.1218  | 0.2551            | 0.2278             | 0.6331     |  |  |
| Intercept                                | 17 | 1  | 0.8681   | 0.2745            | 9.9985             | 0.0016     |  |  |
| Intercept                                | 18 | 1  | 2.3207   | 0.3754            | 38.2225            | <.0001     |  |  |
| Intercept                                | 19 | 1  | 31.0593  | 0.2980            | 10863.2935         | <.0001     |  |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.3494   | 0.2977            | 1.3772             | 0.2406     |
| ra_grp_s8                                |  | 1  | 0.2393   | 0.3399            | 0.4956             | 0.4814     |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.418 | 0.791 | 2.542 |  |
| ra_grp_s8                                 | 1.270 | 0.652 | 2.473 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 35.8  | Somers' D | 0.054 |  |  |  |
| Percent Discordant   | 30.5  | Gamma     | 0.081 |  |  |  |
| Percent Tied   | 33.7  | Tau-a     | 0.044 |  |  |  |
| Pairs  | 58630 | с         | 0.527 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |  |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|--|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |  |
| Intercept_13 | 0.200082                    | 0.051119     | 0.047827     | 0.040917     | 0.029794     | 0.031904     | 0.032515     | -0.03541   | -0.04599  |  |
| Intercept_14 | 0.051119                    | 0.087848     | 0.062701     | 0.054909     | 0.053299     | 0.055717     | 0.05328      | -0.06288   | -0.07827  |  |
| Intercept_15 | 0.047827                    | 0.062701     | 0.061045     | 0.05686      | 0.053943     | 0.05339      | 0.050189     | -0.05874   | -0.06725  |  |
| Intercept_16 | 0.040917                    | 0.054909     | 0.05686      | 0.065094     | 0.06192      | 0.058387     | 0.058655     | -0.06237   | -0.07115  |  |
| Intercept_17 | 0.029794                    | 0.053299     | 0.053943     | 0.06192      | 0.075376     | 0.083937     | 0.06793      | -0.07097   | -0.07328  |  |
| Intercept_18 | 0.031904                    | 0.055717     | 0.05339      | 0.058387     | 0.083937     | 0.140906     | 0.072335     | -0.08549   | -0.07918  |  |
| Intercept_19 | 0.032515                    | 0.05328      | 0.050189     | 0.058655     | 0.06793      | 0.072335     | 0.088802     | -0.07379   | -0.08695  |  |
| ra_grp_exp   | -0.03541                    | -0.06288     | -0.05874     | -0.06237     | -0.07097     | -0.08549     | -0.07379     | 0.088633   | 0.080922  |  |
| ra_grp_s8    | -0.04599                    | -0.07827     | -0.06725     | -0.07115     | -0.07328     | -0.07918     | -0.08695     | 0.080922   | 0.115564  |  |

|      | formula   |  |  |  |  |  |
|------|---|--|--|--|--|--|
|      | COL1  |  |  |  |  |  |
| ROW1 | -1.68971578960295*1+0.0303468275*Age-0.10572680397309*SEXF-0.17877831216327*RHISP-0.634397821503*RBLK-1.7213403800339* ROTH-0.35318788412613*PT41-0.15274636294377*PT42-0.48779601629717*PT43+0.0542387732*PT44-0.09387704071667*PT45+0.6281217672* PT46+0.2976075969*PT48+0.8896064262*PT50+0.6575892997*PT50_1-0.27570160359935*PT51-0.589869543531*PT55+0.3735038118* PT209-0.05973717115529*PT211+0.0712537704*PT212+0.0857325358*PT213+0.7545701156*PT214+1.064833199*PT233+0.3114673904*PT237 |  |  |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 73229.67 |
| Sum of Weights Used         | 7837.151 |

| Response Profile |                 |                    |                 |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |
| 1                | 13              | 104                | 97.3229         |  |  |  |  |
| 2                | 14              | 800                | 912.5847        |  |  |  |  |
| 3                | 15              | 1273               | 1221.7461       |  |  |  |  |
| 4                | 16              | 1526               | 1725.8204       |  |  |  |  |
| 5                | 17              | 1529               | 1768.2593       |  |  |  |  |
| 6                | 18              | 1456               | 1640.6331       |  |  |  |  |
| 7                | 19              | 343                | 467.8586        |  |  |  |  |
| 8                | 20              | 1                  | 2.9260          |  |  |  |  |

#### Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 66388 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |  |  |  |
|---|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 397.0957  | 12 | <.0001     |  |  |  |  |

| Model Fit Statistics                    |           |           |  |  |  |  |  |
|---|-----------|-----------|--|--|--|--|--|
| Intercept and Criterion Only Covariates |           |           |  |  |  |  |  |
| AIC                                     | 27637.513 | 27615.414 |  |  |  |  |  |
| sc                                      | 27685.520 | 27677.138 |  |  |  |  |  |
| -2 Log L                                | 27623.513 | 27597.414 |  |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |         |   |        |  |  |  |  |
|--|---------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |         |   |        |  |  |  |  |
| Likelihood Ratio                       | 26.0985 | 2 | <.0001 |  |  |  |  |
| Score                                  | 24.6284 | 2 | <.0001 |  |  |  |  |
| Wald                                   | 1.3046  | 2 | 0.5208 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |
| Intercept                                | 13 | 1  | -4.5458  | 0.3303            | 189.4082           | <.0001     |  |  |
| Intercept                                | 14 | 1  | -2.0806  | 0.2130            | 95.4376            | <.0001     |  |  |
| Intercept                                | 15 | 1  | -1.0901  | 0.1912            | 32.4905            | <.0001     |  |  |
| Intercept                                | 16 | 1  | -0.1500  | 0.1983            | 0.5722             | 0.4494     |  |  |
| Intercept                                | 17 | 1  | 0.8289   | 0.2205            | 14.1373            | 0.0002     |  |  |
| Intercept                                | 18 | 1  | 2.5880   | 0.3259            | 63.0719            | <.0001     |  |  |
| Intercept                                | 19 | 1  | 7.7345   | 0.9974            | 60.1318            | <.0001     |  |  |
| ra_grp_exp                               |    | 1  | 0.1790   | 0.2180            | 0.6747             | 0.4114     |  |  |
| ra_grp_s8                                |    | 1  | 0.2744   | 0.2413            | 1.2937             | 0.2554     |  |  |

| Odds Ratio Estimates                             |       |             |       |  |  |  |
|--|-------|-------------|-------|--|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |             |       |  |  |  |
| ra_grp_exp                                       | 1.196 | 0.780 1.834 |       |  |  |  |
| ra_grp_s8  | 1.316 | 0.820       | 2.111 |  |  |  |

| Association of Predicted Probabilities and Observed Responses |          |           |       |  |  |  |
|---|----------|-----------|-------|--|--|--|
| Percent Concordant  | 35.5     | Somers' D | 0.053 |  |  |  |
| Percent Discordant  | 30.3     | Gamma     | 0.080 |  |  |  |
| Percent Tied  | 34.2     | Tau-a     | 0.043 |  |  |  |
| Pairs   | 20136788 | С         | 0.526 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.109099                    | 0.034269     | 0.041277     | 0.045771     | 0.048957     | 0.055504     | 0.054276     | -0.04312   | -0.05085  |
| Intercept_14 | 0.034269                    | 0.04536      | 0.036384     | 0.03215      | 0.033982     | 0.044846     | 0.045501     | -0.0356    | -0.03558  |
| Intercept_15 | 0.041277                    | 0.036384     | 0.036576     | 0.034815     | 0.037232     | 0.04939      | 0.045042     | -0.03545   | -0.03748  |
| Intercept_16 | 0.045771                    | 0.03215      | 0.034815     | 0.03931      | 0.041009     | 0.051227     | 0.041911     | -0.03545   | -0.03905  |
| Intercept_17 | 0.048957                    | 0.033982     | 0.037232     | 0.041009     | 0.048604     | 0.063209     | 0.075373     | -0.04042   | -0.04483  |
| Intercept_18 | 0.055504                    | 0.044846     | 0.04939      | 0.051227     | 0.063209     | 0.106191     | 0.086548     | -0.05366   | -0.06342  |
| Intercept_19 | 0.054276                    | 0.045501     | 0.045042     | 0.041911     | 0.075373     | 0.086548     | 0.994862     | -0.05738   | -0.0986   |
| ra_grp_exp   | -0.04312                    | -0.0356      | -0.03545     | -0.03545     | -0.04042     | -0.05366     | -0.05738     | 0.047508   | 0.041007  |
| ra_grp_s8    | -0.05085                    | -0.03558     | -0.03748     | -0.03905     | -0.04483     | -0.06342     | -0.0986      | 0.041007   | 0.058218  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 395.3919 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 8                  | 8.423639        |  |  |  |
| 2                | 14              | 42                 | 48.574622       |  |  |  |
| 3                | 15              | 68                 | 69.109414       |  |  |  |
| 4                | 16              | 77                 | 83.962182       |  |  |  |
| 5                | 17              | 74                 | 87.668920       |  |  |  |
| 6                | 18              | 66                 | 72.203594       |  |  |  |

### **Domain Analysis for domain Imputation Number=1**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 19                 | 25.449497       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 66388 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 32.5600   | 12 | 0.0011 |  |  |  |  |  |

| Model Fit Statistics  |          |          |  |  |  |
|-----------------------|----------|----------|--|--|--|
| Criterion Only Covari |          |          |  |  |  |
| AIC                   | 1433.109 | 1436.117 |  |  |  |
| sc                    | 1481.117 | 1497.841 |  |  |  |
| -2 Log L              | 1419.109 | 1418.117 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 0.9924 | 2 | 0.6088 |  |  |  |  |
| Score                                  | 0.9589 | 2 | 0.6191 |  |  |  |  |
| Wald                                   | 0.7453 | 2 | 0.6889 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -3.7087  | 0.5075            | 53.4049            | <.0001     |
| Intercept                                | 14 | 1  | -1.6604  | 0.3231            | 26.4127            | <.0001     |
| Intercept                                | 15 | 1  | -0.6340  | 0.2997            | 4.4758             | 0.0344     |
| Intercept                                | 16 | 1  | 0.2533   | 0.3188            | 0.6313             | 0.4269     |
| Intercept                                | 17 | 1  | 1.2428   | 0.3202            | 15.0653            | 0.0001     |
| Intercept                                | 18 | 1  | 2.8032   | 0.4091            | 46.9532            | <.0001     |
| Intercept                                | 19 | 1  | 31.3166  | 0.3192            | 9624.1085          | <.0001     |

| Analysis of Maximum Likelihood Estimates               |  |   |         |        |            |        |
|--|--|---|---------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > Ch |  |   |         |        | Pr > ChiSq |        |
| ra_grp_exp   |  | 1 | -0.2200 | 0.3440 | 0.4089     | 0.5225 |
| ra_grp_s8  |  | 1 | -0.0918 | 0.3314 | 0.0767     | 0.7819 |

| Odds Ratio Estimates             |       |             |  |  |  |  |  |
|----------------------------------|-------|-------------|--|--|--|--|--|
| Point 95% Wald Confidence Limits |       |             |  |  |  |  |  |
| ra_grp_exp                       | 0.803 | 0.409 1.575 |  |  |  |  |  |
| ra_grp_s8 0.912 0.476 1.747      |       |             |  |  |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |
|--|-------|---|-------|--|--|
| Percent Concordant 32.4 Somers' D008                             |       |   |       |  |  |
| Percent Discordant 33.3 Gamma012                                 |       |   |       |  |  |
| Percent Tied 34.3 Tau-a007                                       |       |   |       |  |  |
| Pairs  | 51371 | С | 0.496 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.257557                    | 0.09215      | 0.094097     | 0.110166     | 0.106392     | 0.102843     | 0.083964     | -0.10246   | -0.11654  |
| Intercept_14 | 0.09215                     | 0.104383     | 0.088722     | 0.087797     | 0.079787     | 0.089986     | 0.072551     | -0.09315   | -0.08507  |
| Intercept_15 | 0.094097                    | 0.088722     | 0.089798     | 0.091951     | 0.084427     | 0.096583     | 0.074896     | -0.09281   | -0.08472  |
| Intercept_16 | 0.110166                    | 0.087797     | 0.091951     | 0.101616     | 0.092545     | 0.102748     | 0.080856     | -0.09736   | -0.08946  |
| Intercept_17 | 0.106392                    | 0.079787     | 0.084427     | 0.092545     | 0.102518     | 0.108874     | 0.082199     | -0.09656   | -0.09238  |
| Intercept_18 | 0.102843                    | 0.089986     | 0.096583     | 0.102748     | 0.108874     | 0.167357     | 0.087482     | -0.11067   | -0.10477  |
| Intercept_19 | 0.083964                    | 0.072551     | 0.074896     | 0.080856     | 0.082199     | 0.087482     | 0.101904     | -0.09764   | -0.08449  |
| ra_grp_exp   | -0.10246                    | -0.09315     | -0.09281     | -0.09736     | -0.09656     | -0.11067     | -0.09764     | 0.118347   | 0.099646  |
| ra_grp_s8    | -0.11654                    | -0.08507     | -0.08472     | -0.08946     | -0.09238     | -0.10477     | -0.08449     | 0.099646   | 0.10985   |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 394.5717 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 5.202315        |  |
| 2                | 14              | 41                 | 44.698783       |  |
| 3                | 15              | 58                 | 57.885049       |  |
| 4                | 16              | 82                 | 90.701010       |  |
| 5                | 17              | 79                 | 88.655948       |  |
| 6                | 18              | 72                 | 84.383486       |  |

### **Domain Analysis for domain Imputation Number=2**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 16                 | 23.045130       |  |
| 8                | 20              | 0                  | 0.000000        |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 66388 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 31.2466   | 12 | 0.0018 |  |  |

| Model Fit Statistics |                |          |  |  |
|----------------------|----------------|----------|--|--|
| Criterion            | Intercept Cova |          |  |  |
| AIC                  | 1398.596       | 1402.442 |  |  |
| sc                   | 1446.603       | 1464.166 |  |  |
| -2 Log L             | 1384.596       | 1384.442 |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |
|--|--------|---|--------|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |
| Likelihood Ratio                       | 0.1541 | 2 | 0.9258 |  |
| Score                                  | 0.1577 | 2 | 0.9242 |  |
| Wald                                   | 0.1448 | 2 | 0.9302 |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.3281  | 0.5852            | 54.7047            | <.0001     |
| Intercept                                | 14 | 1  | -1.9459  | 0.2724            | 51.0252            | <.0001     |
| Intercept                                | 15 | 1  | -0.9929  | 0.2502            | 15.7434            | <.0001     |
| Intercept                                | 16 | 1  | -0.00141 | 0.2653            | 0.0000             | 0.9957     |
| Intercept                                | 17 | 1  | 0.9714   | 0.2744            | 12.5282            | 0.0004     |
| Intercept                                | 18 | 1  | 2.7689   | 0.3659            | 57.2671            | <.0001     |
| Intercept                                | 19 | 1  | 31.0291  | 0.2959            | 11000.0459         | <.0001     |

| Analysis of Maximum Likelihood Estimates |  |   |         |        |            |        |
|--|--|---|---------|--------|------------|--------|
| Parameter                                | ter DF Estimate Error Chi-Square Pr > ChiS |   |         |        | Pr > ChiSq |        |
| ra_grp_exp                               |  | 1 | 0.0500  | 0.2777 | 0.0324     | 0.8571 |
| ra_grp_s8                                |  | 1 | -0.0285 | 0.3410 | 0.0070     | 0.9334 |

| Odds Ratio Estimates |  |       |       |  |  |
|----------------------|--|-------|-------|--|--|
| Effect               | Point 95% Wald<br>Estimate Confidence Limits |       |       |  |  |
| ra_grp_exp           | 1.051  | 0.610 | 1.812 |  |  |
| ra_grp_s8            | 0.972  | 0.498 | 1.896 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |  |       |       |  |  |  |
|--|--|-------|-------|--|--|--|
| Percent Concordant   | Percent Concordant 33.7 Somers' D 0.01 |       |       |  |  |  |
| Percent Discordant   | 32.2                                   | Gamma | 0.023 |  |  |  |
| Percent Tied   | 34.0                                   | Tau-a | 0.012 |  |  |  |
| Pairs  | 50915                                  | с     | 0.507 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.342424                    | 0.106116     | 0.104438     | 0.111165     | 0.106766     | 0.038356     | 0.110775     | -0.09653   | -0.14439  |
| Intercept_14 | 0.106116                    | 0.074207     | 0.060005     | 0.05661      | 0.054429     | 0.03456      | 0.061272     | -0.06513   | -0.06705  |
| Intercept_15 | 0.104438                    | 0.060005     | 0.062625     | 0.062079     | 0.060218     | 0.049076     | 0.055801     | -0.05808   | -0.07114  |
| Intercept_16 | 0.111165                    | 0.05661      | 0.062079     | 0.070381     | 0.066904     | 0.056364     | 0.056957     | -0.05458   | -0.07681  |
| Intercept_17 | 0.106766                    | 0.054429     | 0.060218     | 0.066904     | 0.075313     | 0.069986     | 0.056602     | -0.05747   | -0.07601  |
| Intercept_18 | 0.038356                    | 0.03456      | 0.049076     | 0.056364     | 0.069986     | 0.133875     | 0.039331     | -0.05291   | -0.06344  |
| Intercept_19 | 0.110775                    | 0.061272     | 0.055801     | 0.056957     | 0.056602     | 0.039331     | 0.087528     | -0.06296   | -0.08581  |
| ra_grp_exp   | -0.09653                    | -0.06513     | -0.05808     | -0.05458     | -0.05747     | -0.05291     | -0.06296     | 0.077111   | 0.071559  |
| ra_grp_s8    | -0.14439                    | -0.06705     | -0.07114     | -0.07681     | -0.07601     | -0.06344     | -0.08581     | 0.071559   | 0.1163    |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | М                        | odel Information  |
|---------------------------|--------------------------|---|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |
| Response Variable         | f_mh_pts_rec_yt          |   |
| Number of Response Levels | 8                        |   |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |
| Number of Strata          | 5                        |   |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |
| Number of Clusters        | 117                      |   |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |
| Model                     | Cumulative Logit         |   |
| Optimization Technique    | Fisher's Scoring         |   |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 378.039  |

| Response Profile |                               |    |           |  |  |
|------------------|-------------------------------|----|-----------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt Frequency Wei |    |           |  |  |
| 1                | 13                            | 6  | 6.250314  |  |  |
| 2                | 14                            | 41 | 43.645767 |  |  |
| 3                | 15                            | 67 | 67.852328 |  |  |
| 4                | 16                            | 74 | 86.096386 |  |  |
| 5                | 17                            | 67 | 83.328206 |  |  |
| 6                | 18                            | 62 | 71.976871 |  |  |

### **Domain Analysis for domain Imputation Number=3**

|                  | Response        | Profile            |                 |
|------------------|-----------------|--------------------|-----------------|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |
| 7                | 19              | 13                 | 18.889152       |
| 8                | 20              | 0                  | 0.000000        |

### Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 66388 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |
|---|----|--------|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |
| 29.1501   | 12 | 0.0037 |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1345.582          | 1341.843                       |  |  |  |
| sc                   | 1393.590          | 1403.567                       |  |  |  |
| -2 Log L             | 1331.582          | 1323.843                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 7.7393     | 2  | 0.0209     |  |  |  |
| Score                                  | 7.3316     | 2  | 0.0256     |  |  |  |
| Wald                                   | 6.7082     | 2  | 0.0349     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |
| Intercept                                | 13 | 1  | -4.4861  | 0.5325            | 70.9882            | <.0001     |  |  |
| Intercept                                | 14 | 1  | -2.2758  | 0.3626            | 39.3903            | <.0001     |  |  |
| Intercept                                | 15 | 1  | -1.1715  | 0.3015            | 15.1004            | 0.0001     |  |  |
| Intercept                                | 16 | 1  | -0.2113  | 0.2889            | 0.5350             | 0.4645     |  |  |
| Intercept                                | 17 | 1  | 0.7918   | 0.3128            | 6.4078             | 0.0114     |  |  |
| Intercept                                | 18 | 1  | 2.6044   | 0.4517            | 33.2467            | <.0001     |  |  |
| Intercept                                | 19 | 1  | 30.8279  | 0.3034            | 10322.2550         | <.0001     |  |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.2636 | 0.3482 | 0.5733 | 0.4490 |
| ra_grp_s8   |  | 1 | 0.6686 | 0.3023 | 4.8926 | 0.0270 |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.302 | 0.658 | 2.575 |  |  |
| ra_grp_s8  | 1.951 | 1.079 | 3.529 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |
|--|-------|-----------|-------|--|--|
| Percent Concordant   | 37.2  | Somers' D | 0.098 |  |  |
| Percent Discordant   | 27.4  | Gamma     | 0.151 |  |  |
| Percent Tied 35.4 Tau-a 0.080                                    |       |           |       |  |  |
| Pairs  | 44358 | С         | 0.549 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.283504                    | 0.135758     | 0.107233     | 0.097186     | 0.105517     | 0.139282     | 0.090322     | -0.11359   | -0.09866  |
| Intercept_14 | 0.135758                    | 0.131484     | 0.103537     | 0.09252      | 0.098063     | 0.104966     | 0.083871     | -0.11065   | -0.08624  |
| Intercept_15 | 0.107233                    | 0.103537     | 0.090879     | 0.080051     | 0.084306     | 0.09882      | 0.070417     | -0.09265   | -0.07512  |
| Intercept_16 | 0.097186                    | 0.09252      | 0.080051     | 0.083458     | 0.082937     | 0.105017     | 0.06835      | -0.08639   | -0.06664  |
| Intercept_17 | 0.105517                    | 0.098063     | 0.084306     | 0.082937     | 0.097847     | 0.119681     | 0.076095     | -0.09641   | -0.07411  |
| Intercept_18 | 0.139282                    | 0.104966     | 0.09882      | 0.105017     | 0.119681     | 0.204017     | 0.095869     | -0.11329   | -0.08816  |
| Intercept_19 | 0.090322                    | 0.083871     | 0.070417     | 0.06835      | 0.076095     | 0.095869     | 0.092069     | -0.09102   | -0.07019  |
| ra_grp_exp   | -0.11359                    | -0.11065     | -0.09265     | -0.08639     | -0.09641     | -0.11329     | -0.09102     | 0.121221   | 0.078631  |
| ra_grp_s8    | -0.09866                    | -0.08624     | -0.07512     | -0.06664     | -0.07411     | -0.08816     | -0.07019     | 0.078631   | 0.091361  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 422.6322 |

| Response Profile |                 |                    |                 |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |
| 1                | 13              | 5                  | 4.26699         |  |  |  |  |  |
| 2                | 14              | 36                 | 41.54561        |  |  |  |  |  |
| 3                | 15              | 75                 | 73.38053        |  |  |  |  |  |
| 4                | 16              | 73                 | 80.94309        |  |  |  |  |  |
| 5                | 17              | 82                 | 101.08028       |  |  |  |  |  |
| 6                | 18              | 82                 | 93.12126        |  |  |  |  |  |

### **Domain Analysis for domain Imputation Number=4**

| Response Profile |    |    |          |  |  |  |
|------------------|----|----|----------|--|--|--|
| Ordered<br>Value |    |    |          |  |  |  |
| 7                | 19 | 19 | 28.29448 |  |  |  |
| 8                | 20 | 0  | 0.00000  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

**Note:** 66388 observations were deleted due to missing values for the response or explanatory variables.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |
| 16.8698 12 0.1546                               |  |  |  |  |  |  |  |

| Model Fit Statistics                              |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC   | 1494.406 | 1496.286 |  |  |  |  |
| sc  | 1542.414 | 1558.010 |  |  |  |  |
| -2 Log L  | 1480.406 | 1478.286 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSc          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 2.1205 | 2 | 0.3464 |  |  |  |  |
| Score                                  | 2.0415 | 2 | 0.3603 |  |  |  |  |
| Wald                                   | 1.4423 | 2 | 0.4862 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |  |
| Intercept                                | 13 | 1  | -4.7231  | 0.5190            | 82.8249            | <.0001     |  |  |  |
| Intercept                                | 14 | 1  | -2.2414  | 0.2898            | 59.8140            | <.0001     |  |  |  |
| Intercept                                | 15 | 1  | -1.0632  | 0.2410            | 19.4687            | <.0001     |  |  |  |
| Intercept                                | 16 | 1  | -0.2323  | 0.2378            | 0.9543             | 0.3286     |  |  |  |
| Intercept                                | 17 | 1  | 0.7836   | 0.2329            | 11.3165            | 0.0008     |  |  |  |
| Intercept                                | 18 | 1  | 2.5122   | 0.3411            | 54.2294            | <.0001     |  |  |  |
| Intercept                                | 19 | 1  | 31.1329  | 0.2539            | 15030.8819         | <.0001     |  |  |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |  |
|---|--|---|--------|--------|--------|--------|--|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |  |
| ra_grp_exp  |  | 1 | 0.0687 | 0.2721 | 0.0637 | 0.8007 |  |
| ra_grp_s8   |  | 1 | 0.3075 | 0.2886 | 1.1352 | 0.2867 |  |

| Odds Ratio Estimates                      |       |             |       |  |  |  |
|---|-------|-------------|-------|--|--|--|
| Point 95% Wald Estimate Confidence Limits |       |             |       |  |  |  |
| ra_grp_exp                                | 1.071 | 0.628 1.826 |       |  |  |  |
| ra_grp_s8                                 | 1.360 | 0.772       | 2.394 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 35.7 Somers' D 0.054                          |       |   |       |  |  |  |  |
| Percent Discordant 30.2 Gamma 0.08                               |       |   |       |  |  |  |  |
| Percent Tied 34.1 Tau-a 0.044                                    |       |   |       |  |  |  |  |
| Pairs  | 56150 | С | 0.527 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.26933                     | 0.069136     | 0.064627     | 0.055826     | 0.051117     | 0.048554     | 0.046783     | -0.05886   | -0.07246  |
| Intercept_14 | 0.069136                    | 0.08399      | 0.060116     | 0.050758     | 0.04588      | 0.055035     | 0.029808     | -0.05078   | -0.04983  |
| Intercept_15 | 0.064627                    | 0.060116     | 0.058064     | 0.051823     | 0.046182     | 0.058252     | 0.038052     | -0.05138   | -0.05482  |
| Intercept_16 | 0.055826                    | 0.050758     | 0.051823     | 0.05655      | 0.048165     | 0.062034     | 0.043143     | -0.04768   | -0.05588  |
| Intercept_17 | 0.051117                    | 0.04588      | 0.046182     | 0.048165     | 0.054255     | 0.069641     | 0.040913     | -0.04755   | -0.05476  |
| Intercept_18 | 0.048554                    | 0.055035     | 0.058252     | 0.062034     | 0.069641     | 0.116381     | 0.050994     | -0.05737   | -0.07463  |
| Intercept_19 | 0.046783                    | 0.029808     | 0.038052     | 0.043143     | 0.040913     | 0.050994     | 0.064484     | -0.05092   | -0.05138  |
| ra_grp_exp   | -0.05886                    | -0.05078     | -0.05138     | -0.04768     | -0.04755     | -0.05737     | -0.05092     | 0.074058   | 0.050073  |
| ra_grp_s8    | -0.07246                    | -0.04983     | -0.05482     | -0.05588     | -0.05476     | -0.07463     | -0.05138     | 0.050073   | 0.083282  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 117                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation |                         |  |
|---------------------|-------------------------|--|
| Method              | Taylor Series           |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 391.8751 |

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 1                | 13              | 6                  | 5.416295        |  |  |
| 2                | 14              | 36                 | 40.823049       |  |  |
| 3                | 15              | 67                 | 62.868897       |  |  |
| 4                | 16              | 81                 | 99.381351       |  |  |
| 5                | 17              | 78                 | 86.043050       |  |  |
| 6                | 18              | 69                 | 80.420543       |  |  |

## **Domain Analysis for domain Imputation Number=5**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 12                 | 16.921955       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 23.7477   | 12 | 0.0220     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1369.791          | 1372.944                       |  |  |  |
| sc                   | 1417.799          | 1434.668                       |  |  |  |
| -2 Log L             | 1355.791          | 1354.944                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSquare      |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.8470 | 2 | 0.6548 |  |  |  |
| Score                                  | 0.8116 | 2 | 0.6664 |  |  |  |
| Wald                                   | 0.5884 | 2 | 0.7451 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.4018  | 0.5385            | 66.8191            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.1451  | 0.2608            | 67.6321            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0852  | 0.2289            | 22.4759            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.00602 | 0.2392            | 0.0006             | 0.9799     |  |
| Intercept                                | 17 | 1  | 0.9733   | 0.2644            | 13.5549            | 0.0002     |  |
| Intercept                                | 18 | 1  | 2.9693   | 0.4053            | 53.6684            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0561  | 0.2666            | 13574.6889         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates             |  |   |        |        |            |        |
|--|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Chi-Square Pr > ChiSq |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp   |  | 1 | 0.1400 | 0.2610 | 0.2875     | 0.5918 |
| ra_grp_s8  |  | 1 | 0.2161 | 0.2819 | 0.5875     | 0.4434 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.150 | 0.690 | 1.919 |  |  |
| ra_grp_s8                                 | 1.241 | 0.714 | 2.157 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 35.1  | Somers' D | 0.043 |  |  |  |
| Percent Discordant   | 30.8  | Gamma     | 0.065 |  |  |  |
| Percent Tied   | 34.2  | Tau-a     | 0.035 |  |  |  |
| Pairs  | 49215 | с         | 0.521 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.289979     | 0.060176     | 0.064954     | 0.070135     | 0.078869     | 0.069949     | 0.07304      | -0.07008   | -0.07293  |
| Intercept_14                | 0.060176     | 0.068037     | 0.052736     | 0.042248     | 0.05268      | 0.051199     | 0.042103     | -0.05255   | -0.04529  |
| Intercept_15                | 0.064954     | 0.052736     | 0.052397     | 0.046851     | 0.052647     | 0.05737      | 0.042022     | -0.05141   | -0.04636  |
| Intercept_16                | 0.070135     | 0.042248     | 0.046851     | 0.057199     | 0.05838      | 0.066946     | 0.043829     | -0.04972   | -0.05     |
| Intercept_17                | 0.078869     | 0.05268      | 0.052647     | 0.05838      | 0.06989      | 0.077476     | 0.048579     | -0.05621   | -0.05858  |
| Intercept_18                | 0.069949     | 0.051199     | 0.05737      | 0.066946     | 0.077476     | 0.164277     | 0.051295     | -0.05772   | -0.07485  |
| Intercept_19                | 0.07304      | 0.042103     | 0.042022     | 0.043829     | 0.048579     | 0.051295     | 0.07105      | -0.05447   | -0.05928  |
| ra_grp_exp                  | -0.07008     | -0.05255     | -0.05141     | -0.04972     | -0.05621     | -0.05772     | -0.05447     | 0.068136   | 0.053451  |
| ra_grp_s8                   | -0.07293     | -0.04529     | -0.04636     | -0.05        | -0.05858     | -0.07485     | -0.05928     | 0.053451   | 0.079484  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 407.2362 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 2                  | 2.279134        |  |  |  |
| 2                | 14              | 45                 | 54.754555       |  |  |  |
| 3                | 15              | 68                 | 68.006893       |  |  |  |
| 4                | 16              | 77                 | 85.429022       |  |  |  |
| 5                | 17              | 78                 | 91.594785       |  |  |  |
| 6                | 18              | 66                 | 75.968086       |  |  |  |

## **Domain Analysis for domain Imputation Number=6**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 17                 | 26.277768       |  |  |  |
| 8                | 20              | 1                  | 2.925987        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |
|---|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 118.8102  | 12 | <.0001 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1468.993 | 1471.028 |  |  |  |
| sc                                      | 1517.001 | 1532.752 |  |  |  |
| -2 Log L                                | 1454.993 | 1453.028 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 1.9658 | 2 | 0.3742 |  |  |  |
| Score                                  | 1.9754 | 2 | 0.3724 |  |  |  |
| Wald                                   | 1.3490 | 2 | 0.5094 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -5.2960  | 1.0227            | 26.8182            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9313  | 0.2841            | 46.2139            | <.0001     |  |
| Intercept                                | 15 | 1  | -0.9317  | 0.2603            | 12.8090            | 0.0003     |  |
| Intercept                                | 16 | 1  | -0.0478  | 0.2736            | 0.0305             | 0.8613     |  |
| Intercept                                | 17 | 1  | 0.9481   | 0.3060            | 9.6027             | 0.0019     |  |
| Intercept                                | 18 | 1  | 2.4589   | 0.4930            | 24.8710            | <.0001     |  |
| Intercept                                | 19 | 1  | 4.8268   | 1.0717            | 20.2849            | <.0001     |  |

| Analysis of Maximum Likelihood Estimates   |  |   |          |        |        |            |
|--|--|---|----------|--------|--------|------------|
| Parameter DF Estimate Error Chi-Square Pr > Ch |  |   |          |        |        | Pr > ChiSq |
| ra_grp_exp   |  | 1 | 0.2399   | 0.2994 | 0.6420 | 0.4230     |
| ra_grp_s8  |  | 1 | -0.00953 | 0.2975 | 0.0010 | 0.9744     |

| Odds Ratio Estimates                             |       |            |       |  |  |
|--|-------|------------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |            |       |  |  |
| ra_grp_exp                                       | 1.271 | 0.707 2.28 |       |  |  |
| ra_grp_s8  | 0.991 | 0.553      | 1.774 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 26.1 Somers' D 0.029                          |       |   |       |  |  |  |  |
| Percent Discordant 23.2 Gamma 0.05                               |       |   |       |  |  |  |  |
| Percent Tied 50.7 Tau-a 0.024                                    |       |   |       |  |  |  |  |
| Pairs  | 51002 | С | 0.514 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 1.045862                    | 0.055076     | 0.088004     | 0.152307     | 0.149998     | 0.159685     | 0.295224     | -0.12875   | -0.10645  |
| Intercept_14 | 0.055076                    | 0.080709     | 0.064079     | 0.05681      | 0.063732     | 0.082233     | 0.163606     | -0.06697   | -0.05287  |
| Intercept_15 | 0.088004                    | 0.064079     | 0.067773     | 0.064682     | 0.072493     | 0.105141     | 0.18506      | -0.06552   | -0.06112  |
| Intercept_16 | 0.152307                    | 0.05681      | 0.064682     | 0.074832     | 0.079975     | 0.113732     | 0.190573     | -0.06732   | -0.06475  |
| Intercept_17 | 0.149998                    | 0.063732     | 0.072493     | 0.079975     | 0.093613     | 0.136561     | 0.228222     | -0.07344   | -0.07441  |
| Intercept_18 | 0.159685                    | 0.082233     | 0.105141     | 0.113732     | 0.136561     | 0.243098     | 0.414045     | -0.10022   | -0.11917  |
| Intercept_19 | 0.295224                    | 0.163606     | 0.18506      | 0.190573     | 0.228222     | 0.414045     | 1.148538     | -0.19404   | -0.1823   |
| ra_grp_exp   | -0.12875                    | -0.06697     | -0.06552     | -0.06732     | -0.07344     | -0.10022     | -0.19404     | 0.089633   | 0.062755  |
| ra_grp_s8    | -0.10645                    | -0.05287     | -0.06112     | -0.06475     | -0.07441     | -0.11917     | -0.1823      | 0.062755   | 0.088487  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 397.1104 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 3                  | 2.371866        |  |  |  |
| 2                | 14              | 41                 | 41.398287       |  |  |  |
| 3                | 15              | 73                 | 69.976962       |  |  |  |
| 4                | 16              | 79                 | 88.570972       |  |  |  |
| 5                | 17              | 86                 | 98.303823       |  |  |  |
| 6                | 18              | 66                 | 72.461565       |  |  |  |

## **Domain Analysis for domain Imputation Number=7**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 19                 | 24.026970       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 18.8435   | 12 | 0.0924 |  |  |  |

| Model Fit Statistics |                                |          |  |  |  |  |
|----------------------|--------------------------------|----------|--|--|--|--|
| Criterion            | Intercept<br>and<br>Covariates |          |  |  |  |  |
| AIC                  | 1390.068                       | 1391.527 |  |  |  |  |
| sc                   | 1438.076                       | 1453.251 |  |  |  |  |
| -2 Log L             | 1376.068                       | 1373.527 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 2.5414 | 2 | 0.2806 |  |  |  |
| Score                                  | 2.3831 | 2 | 0.3037 |  |  |  |
| Wald                                   | 1.6297 | 2 | 0.4427 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -5.3710  | 0.8189            | 43.0195            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.3444  | 0.3123            | 56.3384            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1687  | 0.2572            | 20.6425            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.2175  | 0.2421            | 0.8073             | 0.3689     |  |
| Intercept                                | 17 | 1  | 0.8859   | 0.2660            | 11.0941            | 0.0009     |  |
| Intercept                                | 18 | 1  | 2.5014   | 0.3675            | 46.3349            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9594  | 0.2842            | 11867.9622         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |            |        |        |
|---|--|---|--------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.3040 | 0.2810     | 1.1706 | 0.2793 |
| ra_grp_s8   |  | 1 | 0.3636 | 0.2963     | 1.5062 | 0.2197 |

| Odds Ratio Estimates             |       |       |       |  |
|----------------------------------|-------|-------|-------|--|
| Point 95% Wald Confidence Limits |       |       |       |  |
| ra_grp_exp                       | 1.355 | 0.781 | 2.351 |  |
| ra_grp_s8                        | 1.439 | 0.805 | 2.571 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 36.2 Somers' D 0.068                          |       |       |       |  |
| Percent Discordant   | 29.4  | Gamma | 0.104 |  |
| Percent Tied   | 34.4  | Tau-a | 0.055 |  |
| Pairs  | 54658 | С     | 0.534 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.670565                    | 0.169218     | 0.135569     | 0.099302     | 0.091978     | 0.103253     | 0.088912     | -0.07623   | -0.14788  |
| Intercept_14 | 0.169218                    | 0.097561     | 0.071745     | 0.059395     | 0.053705     | 0.062363     | 0.055104     | -0.0642    | -0.06853  |
| Intercept_15 | 0.135569                    | 0.071745     | 0.066169     | 0.056055     | 0.054829     | 0.065434     | 0.051377     | -0.05709   | -0.05962  |
| Intercept_16 | 0.099302                    | 0.059395     | 0.056055     | 0.058589     | 0.05788      | 0.066715     | 0.054869     | -0.05741   | -0.05541  |
| Intercept_17 | 0.091978                    | 0.053705     | 0.054829     | 0.05788      | 0.070735     | 0.082596     | 0.061168     | -0.06185   | -0.05942  |
| Intercept_18 | 0.103253                    | 0.062363     | 0.065434     | 0.066715     | 0.082596     | 0.13504      | 0.073292     | -0.07279   | -0.07965  |
| Intercept_19 | 0.088912                    | 0.055104     | 0.051377     | 0.054869     | 0.061168     | 0.073292     | 0.080762     | -0.06538   | -0.06196  |
| ra_grp_exp   | -0.07623                    | -0.0642      | -0.05709     | -0.05741     | -0.06185     | -0.07279     | -0.06538     | 0.078971   | 0.055679  |
| ra_grp_s8    | -0.14788                    | -0.06853     | -0.05962     | -0.05541     | -0.05942     | -0.07965     | -0.06196     | 0.055679   | 0.087795  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |
|---------------------|-------------------------|--|--|
| Method              | Taylor Series           |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 386.8908 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 4                  | 3.304655        |  |
| 2                | 14              | 34                 | 43.262965       |  |
| 3                | 15              | 63                 | 62.261697       |  |
| 4                | 16              | 70                 | 82.325236       |  |
| 5                | 17              | 81                 | 92.693124       |  |
| 6                | 18              | 73                 | 83.600390       |  |

## **Domain Analysis for domain Imputation Number=8**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 15                 | 19.442723       |  |
| 8                | 20              | 0                  | 0.000000        |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |
|---|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiS                         |    |        |  |  |
| 28.4322   | 12 | 0.0048 |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1354.663 | 1355.383 |  |  |  |
| sc                                      | 1402.671 | 1417.107 |  |  |  |
| -2 Log L                                | 1340.663 | 1337.383 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 3.2806 | 2 | 0.1939 |  |  |  |
| Score                                  | 3.1947 | 2 | 0.2024 |  |  |  |
| Wald                                   | 2.5818 | 2 | 0.2750 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.9544  | 0.5681            | 76.0505            | <.0001     |
| Intercept                                | 14 | 1  | -2.1833  | 0.3035            | 51.7547            | <.0001     |
| Intercept                                | 15 | 1  | -1.1285  | 0.2560            | 19.4348            | <.0001     |
| Intercept                                | 16 | 1  | -0.2153  | 0.2567            | 0.7034             | 0.4017     |
| Intercept                                | 17 | 1  | 0.8235   | 0.2705            | 9.2677             | 0.0023     |
| Intercept                                | 18 | 1  | 2.7602   | 0.3768            | 53.6760            | <.0001     |
| Intercept                                | 19 | 1  | 30.9969  | 0.2473            | 15712.6233         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.1413 | 0.2979 | 0.2250 | 0.6353 |
| ra_grp_s8   |  | 1 | 0.4236 | 0.2959 | 2.0496 | 0.1522 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.152 | 0.642 | 2.065 |  |  |
| ra_grp_s8                                 | 1.527 | 0.855 | 2.728 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 37.6 Somers' D 0.090                          |       |       |       |  |  |  |
| Percent Discordant   | Gamma | 0.137 |       |  |  |  |
| Percent Tied 33.9 Tau-a 0.073                                    |       |       |       |  |  |  |
| Pairs  | 46722 | С     | 0.545 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.322756                    | 0.075445     | 0.066635     | 0.060174     | 0.060896     | 0.086041     | 0.050012     | -0.06227   | -0.0855   |
| Intercept_14 | 0.075445                    | 0.092106     | 0.064442     | 0.056757     | 0.053943     | 0.066383     | 0.046954     | -0.06636   | -0.05571  |
| Intercept_15 | 0.066635                    | 0.064442     | 0.065524     | 0.059877     | 0.059732     | 0.065476     | 0.046048     | -0.06393   | -0.05763  |
| Intercept_16 | 0.060174                    | 0.056757     | 0.059877     | 0.065888     | 0.062588     | 0.062026     | 0.049864     | -0.06251   | -0.0588   |
| Intercept_17 | 0.060896                    | 0.053943     | 0.059732     | 0.062588     | 0.073178     | 0.080618     | 0.053697     | -0.06868   | -0.06123  |
| Intercept_18 | 0.086041                    | 0.066383     | 0.065476     | 0.062026     | 0.080618     | 0.141942     | 0.056916     | -0.07528   | -0.07677  |
| Intercept_19 | 0.050012                    | 0.046954     | 0.046048     | 0.049864     | 0.053697     | 0.056916     | 0.061149     | -0.06107   | -0.05548  |
| ra_grp_exp   | -0.06227                    | -0.06636     | -0.06393     | -0.06251     | -0.06868     | -0.07528     | -0.06107     | 0.088725   | 0.061415  |
| ra_grp_s8    | -0.0855                     | -0.05571     | -0.05763     | -0.0588      | -0.06123     | -0.07677     | -0.05548     | 0.061415   | 0.087555  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method              | Taylor Series           |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 396.9206 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 4                  | 3.740834        |  |  |  |
| 2                | 14              | 39                 | 43.019620       |  |  |  |
| 3                | 15              | 69                 | 66.517538       |  |  |  |
| 4                | 16              | 75                 | 89.703445       |  |  |  |
| 5                | 17              | 70                 | 75.655438       |  |  |  |
| 6                | 18              | 83                 | 95.243481       |  |  |  |

## **Domain Analysis for domain Imputation Number=9**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 18                 | 23.040201       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 16.5192   | 12 | 0.1686     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1398.394          | 1400.444                       |  |  |  |
| sc                   | 1446.401          | 1462.168                       |  |  |  |
| -2 Log L             | 1384.394          | 1382.444                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |  |
|--|------------|----|------------|--|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |  |
| Likelihood Ratio                       | 1.9499     | 2  | 0.3772     |  |  |  |  |
| Score                                  | 1.9027     | 2  | 0.3862     |  |  |  |  |
| Wald                                   | 1.3009     | 2  | 0.5218     |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.8804  | 0.6907            | 49.9327            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2368  | 0.2473            | 81.8012            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1385  | 0.2173            | 27.4568            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1741  | 0.2267            | 0.5900             | 0.4424     |  |
| Intercept                                | 17 | 1  | 0.6382   | 0.2542            | 6.3048             | 0.0120     |  |
| Intercept                                | 18 | 1  | 2.5741   | 0.3862            | 44.4154            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.8318  | 0.2860            | 11620.2825         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.2736   | 0.2782            | 0.9668             | 0.3255     |
| ra_grp_s8                                |  | 1  | 0.3095   | 0.2896            | 1.1417             | 0.2853     |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.315 | 0.762 | 2.268 |  |  |
| ra_grp_s8                                 | 1.363 | 0.772 | 2.404 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 36.0 Somers' D 0.0                            |       |       |       |  |  |  |
| Percent Discordant   | 29.2  | Gamma | 0.104 |  |  |  |
| Percent Tied   | 34.8  | Tau-a | 0.055 |  |  |  |
| Pairs  | 52064 | с     | 0.534 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.477006     | 0.069998     | 0.073874     | 0.086527     | 0.10079      | 0.084272     | 0.088839     | -0.07565   | -0.07536  |
| Intercept_14                | 0.069998     | 0.061165     | 0.045029     | 0.041377     | 0.045038     | 0.054298     | 0.041427     | -0.04834   | -0.03793  |
| Intercept_15                | 0.073874     | 0.045029     | 0.047207     | 0.044677     | 0.048144     | 0.058441     | 0.042103     | -0.04856   | -0.04195  |
| Intercept_16                | 0.086527     | 0.041377     | 0.044677     | 0.05139      | 0.053759     | 0.065139     | 0.048085     | -0.04878   | -0.0494   |
| Intercept_17                | 0.10079      | 0.045038     | 0.048144     | 0.053759     | 0.064611     | 0.080656     | 0.052675     | -0.05564   | -0.0552   |
| Intercept_18                | 0.084272     | 0.054298     | 0.058441     | 0.065139     | 0.080656     | 0.149187     | 0.065889     | -0.07139   | -0.079    |
| Intercept_19                | 0.088839     | 0.041427     | 0.042103     | 0.048085     | 0.052675     | 0.065889     | 0.081805     | -0.06381   | -0.06327  |
| ra_grp_exp                  | -0.07565     | -0.04834     | -0.04856     | -0.04878     | -0.05564     | -0.07139     | -0.06381     | 0.077402   | 0.050797  |
| ra_grp_s8                   | -0.07536     | -0.03793     | -0.04195     | -0.0494      | -0.0552      | -0.079       | -0.06327     | 0.050797   | 0.083886  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 369.3135 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.730526        |  |  |  |
| 2                | 14              | 40                 | 47.025468       |  |  |  |
| 3                | 15              | 52                 | 47.983744       |  |  |  |
| 4                | 16              | 72                 | 79.751801       |  |  |  |
| 5                | 17              | 77                 | 86.708585       |  |  |  |
| 6                | 18              | 73                 | 78.426626       |  |  |  |

## **Domain Analysis for domain Imputation Number=10**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 18                 | 23.686734       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |
| 29.0476 12 0.0039                               |  |  |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1320.365 | 1322.355 |  |  |  |
| sc                                      | 1368.373 | 1384.079 |  |  |  |
| -2 Log L                                | 1306.365 | 1304.355 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 2.0100 | 2 | 0.3660 |  |  |  |  |
| Score                                  | 1.9372 | 2 | 0.3796 |  |  |  |  |
| Wald                                   | 1.8086 | 2 | 0.4048 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.3513  | 0.4711            | 85.3264            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9928  | 0.2746            | 52.6697            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1797  | 0.2427            | 23.6340            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.2444  | 0.2183            | 1.2542             | 0.2627     |  |
| Intercept                                | 17 | 1  | 0.7628   | 0.2246            | 11.5338            | 0.0007     |  |
| Intercept                                | 18 | 1  | 2.4903   | 0.3656            | 46.3899            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9436  | 0.2576            | 14433.1428         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                 |  |   |        |        |        |            |
|--|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiS |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp   |  | 1 | 0.1904 | 0.2630 | 0.5239 | 0.4692     |
| ra_grp_s8  |  | 1 | 0.3457 | 0.2606 | 1.7596 | 0.1847     |

| Odds Ratio Estimates                      |       |            |       |  |  |
|---|-------|------------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |            |       |  |  |
| ra_grp_exp                                | 1.210 | 0.722 2.02 |       |  |  |
| ra_grp_s8                                 | 1.413 | 0.848      | 2.355 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |  |
|--|-------|-------|-------|--|--|--|--|
| Percent Concordant 36.1 Somers' D 0.062                          |       |       |       |  |  |  |  |
| Percent Discordant   | 29.9  | Gamma | 0.094 |  |  |  |  |
| Percent Tied 34.0 Tau-a 0.05                                     |       |       |       |  |  |  |  |
| Pairs  | 46569 | с     | 0.531 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.221903                    | 0.076412     | 0.064583     | 0.049245     | 0.053522     | 0.067435     | 0.037677     | -0.05782   | -0.04993  |
| Intercept_14 | 0.076412                    | 0.075398     | 0.059864     | 0.047585     | 0.04466      | 0.056143     | 0.039256     | -0.0473    | -0.04513  |
| Intercept_15 | 0.064583                    | 0.059864     | 0.058884     | 0.045874     | 0.043862     | 0.059928     | 0.040408     | -0.04776   | -0.04373  |
| Intercept_16 | 0.049245                    | 0.047585     | 0.045874     | 0.047643     | 0.044373     | 0.058236     | 0.041348     | -0.04239   | -0.04559  |
| Intercept_17 | 0.053522                    | 0.04466      | 0.043862     | 0.044373     | 0.050455     | 0.069582     | 0.041746     | -0.04111   | -0.04652  |
| Intercept_18 | 0.067435                    | 0.056143     | 0.059928     | 0.058236     | 0.069582     | 0.13369      | 0.064858     | -0.06089   | -0.06635  |
| Intercept_19 | 0.037677                    | 0.039256     | 0.040408     | 0.041348     | 0.041746     | 0.064858     | 0.066341     | -0.05209   | -0.05014  |
| ra_grp_exp   | -0.05782                    | -0.0473      | -0.04776     | -0.04239     | -0.04111     | -0.06089     | -0.05209     | 0.069164   | 0.045888  |
| ra_grp_s8    | -0.04993                    | -0.04513     | -0.04373     | -0.04559     | -0.04652     | -0.06635     | -0.05014     | 0.045888   | 0.067904  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information                         |                         |   |  |  |  |  |
|---|-------------------------|---|--|--|--|--|
| Data Set WORK.FNLPRED_PTSD_YOUTH          |                         |   |  |  |  |  |
| Response Variable                         | f_mh_pts_rec_yt         |   |  |  |  |  |
| Number of Response Levels                 | 8                       |   |  |  |  |  |
| Stratum Variable                          | ra_site                 | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata                          | 5                       |   |  |  |  |  |
| Cluster Variable f_svy_bl_tract_masked_id |                         | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters                        | 117                     |   |  |  |  |  |
| Weight Variable                           | f_wt_totsvy             | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                                     | Cumulative Logit        |   |  |  |  |  |
| Optimization Technique Fisher's Scoring   |                         |   |  |  |  |  |
| Variance Adjustment                       | Degrees of Freedom (DF) |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 414.2063 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 6.178591        |  |  |  |
| 2                | 14              | 41                 | 45.015385       |  |  |  |
| 3                | 15              | 68                 | 63.158096       |  |  |  |
| 4                | 16              | 78                 | 85.874095       |  |  |  |
| 5                | 17              | 77                 | 96.566084       |  |  |  |
| 6                | 18              | 78                 | 87.567430       |  |  |  |

## Domain Analysis for domain Imputation Number=11

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 22                 | 29.846593       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 18.8697   | 12 | 0.0917 |  |  |  |

| Model Fit Statistics |                                |          |  |  |  |  |
|----------------------|--------------------------------|----------|--|--|--|--|
| Criterion            | Intercept<br>and<br>Covariates |          |  |  |  |  |
| AIC                  | 1483.974                       | 1484.712 |  |  |  |  |
| sc                   | 1531.981                       | 1546.436 |  |  |  |  |
| -2 Log L             | 1469.974                       | 1466.712 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 3.2613 | 2 | 0.1958 |  |  |  |
| Score                                  | 3.1570 | 2 | 0.2063 |  |  |  |
| Wald                                   | 1.7316 | 2 | 0.4207 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.4276  | 0.5020            | 77.7810            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.1941  | 0.2237            | 96.1838            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1982  | 0.2294            | 27.2775            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.3010  | 0.2108            | 2.0375             | 0.1535     |  |
| Intercept                                | 17 | 1  | 0.6963   | 0.2571            | 7.3322             | 0.0068     |  |
| Intercept                                | 18 | 1  | 2.3357   | 0.3641            | 41.1495            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0229  | 0.2601            | 14222.6821         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.2390 | 0.2826 | 0.7154 | 0.3977 |
| ra_grp_s8   |  | 1 | 0.4142 | 0.3150 | 1.7294 | 0.1885 |

| Odds Ratio Estimates |                                  |       |       |  |
|----------------------|----------------------------------|-------|-------|--|
| Effect               | Point 95% Wald Confidence Limits |       |       |  |
| ra_grp_exp           | 1.270                            | 0.730 | 2.210 |  |
| ra_grp_s8            | 1.513                            | 0.816 | 2.805 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Percent Concordant 36.7 Somers' D 0.071                          |       |       |       |  |  |
| Percent Discordant   | 29.6  | Gamma | 0.107 |  |  |
| Percent Tied   | 33.7  | Tau-a | 0.058 |  |  |
| Pairs  | 55989 | С     | 0.536 |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.252034     | 0.061039     | 0.06445      | 0.063359     | 0.062789     | 0.064644     | 0.063896     | -0.06327   | -0.07058  |
| Intercept_14                | 0.061039     | 0.050053     | 0.044345     | 0.038342     | 0.043562     | 0.053416     | 0.038791     | -0.04289   | -0.05312  |
| Intercept_15                | 0.06445      | 0.044345     | 0.052631     | 0.043833     | 0.049075     | 0.062137     | 0.039484     | -0.04718   | -0.05961  |
| Intercept_16                | 0.063359     | 0.038342     | 0.043833     | 0.044455     | 0.047742     | 0.055916     | 0.040034     | -0.04427   | -0.05013  |
| Intercept_17                | 0.062789     | 0.043562     | 0.049075     | 0.047742     | 0.066119     | 0.08186      | 0.053018     | -0.05775   | -0.06423  |
| Intercept_18                | 0.064644     | 0.053416     | 0.062137     | 0.055916     | 0.08186      | 0.132573     | 0.065336     | -0.07427   | -0.09047  |
| Intercept_19                | 0.063896     | 0.038791     | 0.039484     | 0.040034     | 0.053018     | 0.065336     | 0.067668     | -0.06074   | -0.0589   |
| ra_grp_exp                  | -0.06327     | -0.04289     | -0.04718     | -0.04427     | -0.05775     | -0.07427     | -0.06074     | 0.079868   | 0.059632  |
| ra_grp_s8                   | -0.07058     | -0.05312     | -0.05961     | -0.05013     | -0.06423     | -0.09047     | -0.0589      | 0.059632   | 0.099206  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 117                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation |                         |  |  |
|---------------------|-------------------------|--|--|
| Method Taylor Se    |                         |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 377.8957 |

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 1                | 13              | 6                  | 4.772945        |  |  |
| 2                | 14              | 40                 | 48.772001       |  |  |
| 3                | 15              | 48                 | 43.784619       |  |  |
| 4                | 16              | 75                 | 88.289618       |  |  |
| 5                | 17              | 68                 | 85.741371       |  |  |
| 6                | 18              | 72                 | 87.791185       |  |  |

## **Domain Analysis for domain Imputation Number=12**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 16                 | 18.743922       |  |
| 8                | 20              | 0                  | 0.000000        |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 26.7523   | 12 | 0.0084 |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1324.187          | 1327.900                       |  |  |  |
| sc                   | 1372.195          | 1389.624                       |  |  |  |
| -2 Log L             | 1310.187          | 1309.900                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.2874 | 2 | 0.8661 |  |  |  |
| Score                                  | 0.2602 | 2 | 0.8780 |  |  |  |
| Wald                                   | 0.1826 | 2 | 0.9127 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.4468  | 0.5184            | 73.5834            | <.0001     |
| Intercept                                | 14 | 1  | -1.8904  | 0.3786            | 24.9312            | <.0001     |
| Intercept                                | 15 | 1  | -1.1492  | 0.3169            | 13.1533            | 0.0003     |
| Intercept                                | 16 | 1  | -0.1267  | 0.2995            | 0.1790             | 0.6722     |
| Intercept                                | 17 | 1  | 0.8449   | 0.3075            | 7.5471             | 0.0060     |
| Intercept                                | 18 | 1  | 2.8662   | 0.4722            | 36.8469            | <.0001     |
| Intercept                                | 19 | 1  | 31.0631  | 0.2927            | 11259.0348         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.1328 | 0.3382 | 0.1541 | 0.6946 |
| ra_grp_s8   |  | 1 | 0.0809 | 0.3447 | 0.0551 | 0.8144 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.142 | 0.589 | 2.216 |  |  |
| ra_grp_s8                                 | 1.084 | 0.552 | 2.131 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |
|--|-------|---|-------|--|--|--|
| Percent Concordant 35.1 Somers' D 0.054                          |       |   |       |  |  |  |
| Percent Discordant 29.8 Gamma 0.08                               |       |   |       |  |  |  |
| Percent Tied 35.1 Tau-a 0.044                                    |       |   |       |  |  |  |
| Pairs  | 42998 | С | 0.527 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.268729                    | 0.119969     | 0.107434     | 0.086369     | 0.081875     | 0.09739      | 0.06307      | -0.10028   | -0.11148  |
| Intercept_14 | 0.119969                    | 0.143345     | 0.113168     | 0.09605      | 0.084938     | 0.117361     | 0.070996     | -0.10374   | -0.10557  |
| Intercept_15 | 0.107434                    | 0.113168     | 0.1004       | 0.086893     | 0.082537     | 0.108758     | 0.066593     | -0.09407   | -0.09417  |
| Intercept_16 | 0.086369                    | 0.09605      | 0.086893     | 0.089689     | 0.082891     | 0.10683      | 0.068073     | -0.08724   | -0.08738  |
| Intercept_17 | 0.081875                    | 0.084938     | 0.082537     | 0.082891     | 0.09458      | 0.121424     | 0.07469      | -0.09324   | -0.08658  |
| Intercept_18 | 0.09739                     | 0.117361     | 0.108758     | 0.10683      | 0.121424     | 0.222956     | 0.102841     | -0.12035   | -0.12327  |
| Intercept_19 | 0.06307                     | 0.070996     | 0.066593     | 0.068073     | 0.07469      | 0.102841     | 0.085702     | -0.0835    | -0.08025  |
| ra_grp_exp   | -0.10028                    | -0.10374     | -0.09407     | -0.08724     | -0.09324     | -0.12035     | -0.0835      | 0.114383   | 0.097293  |
| ra_grp_s8    | -0.11148                    | -0.10557     | -0.09417     | -0.08738     | -0.08658     | -0.12327     | -0.08025     | 0.097293   | 0.118814  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 369.1279 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 4                  | 3.607676        |  |  |  |
| 2                | 14              | 40                 | 45.285087       |  |  |  |
| 3                | 15              | 55                 | 50.951199       |  |  |  |
| 4                | 16              | 79                 | 87.637230       |  |  |  |
| 5                | 17              | 74                 | 81.139155       |  |  |  |
| 6                | 18              | 69                 | 75.635460       |  |  |  |

## **Domain Analysis for domain Imputation Number=13**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 17                 | 24.872088       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 26.5027   | 12 | 0.0091     |  |  |  |  |

| Model Fit Statistics |                          |          |  |  |  |  |
|----------------------|--------------------------|----------|--|--|--|--|
| Criterion            | Criterion Intercept Only |          |  |  |  |  |
| AIC                  | 1311.078                 | 1314.550 |  |  |  |  |
| sc                   | 1359.086                 | 1376.274 |  |  |  |  |
| -2 Log L             | 1297.078                 | 1296.550 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |  |
|--|------------|----|------------|--|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |  |
| Likelihood Ratio                       | 0.5279     | 2  | 0.7680     |  |  |  |  |
| Score                                  | 0.5096     | 2  | 0.7751     |  |  |  |  |
| Wald                                   | 0.3603     | 2  | 0.8352     |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.7224  | 0.5639            | 70.1263            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9847  | 0.3029            | 42.9347            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0979  | 0.2616            | 17.6156            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.0749  | 0.2294            | 0.1066             | 0.7441     |  |
| Intercept                                | 17 | 1  | 0.8773   | 0.2490            | 12.4177            | 0.0004     |  |
| Intercept                                | 18 | 1  | 2.5260   | 0.3973            | 40.4125            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0265  | 0.2391            | 16833.2824         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |            |        |
|---|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSc |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp  |  | 1 | 0.1174 | 0.2842 | 0.1705     | 0.6797 |
| ra_grp_s8   |  | 1 | 0.1707 | 0.2848 | 0.3590     | 0.5491 |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.125 | 0.644 | 1.963 |  |  |
| ra_grp_s8  | 1.186 | 0.679 | 2.073 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 34.7 Somers' D 0.030                          |       |       |       |  |  |  |
| Percent Discordant   | 31.7  | Gamma | 0.045 |  |  |  |
| Percent Tied   | 33.6  | Tau-a | 0.024 |  |  |  |
| Pairs  | 46418 | С     | 0.515 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.31801      | 0.07723      | 0.064621     | 0.057343     | 0.059223     | 0.056936     | 0.033472     | -0.05592   | -0.06855  |
| Intercept_14                | 0.07723      | 0.091742     | 0.070818     | 0.057121     | 0.060435     | 0.076698     | 0.047723     | -0.06703   | -0.06157  |
| Intercept_15                | 0.064621     | 0.070818     | 0.068424     | 0.054181     | 0.055687     | 0.073822     | 0.040406     | -0.06028   | -0.05948  |
| Intercept_16                | 0.057343     | 0.057121     | 0.054181     | 0.052645     | 0.053571     | 0.065697     | 0.038168     | -0.05537   | -0.05329  |
| Intercept_17                | 0.059223     | 0.060435     | 0.055687     | 0.053571     | 0.061987     | 0.075163     | 0.043028     | -0.05707   | -0.05879  |
| Intercept_18                | 0.056936     | 0.076698     | 0.073822     | 0.065697     | 0.075163     | 0.157885     | 0.060218     | -0.07108   | -0.07733  |
| Intercept_19                | 0.033472     | 0.047723     | 0.040406     | 0.038168     | 0.043028     | 0.060218     | 0.057187     | -0.05354   | -0.04744  |
| ra_grp_exp                  | -0.05592     | -0.06703     | -0.06028     | -0.05537     | -0.05707     | -0.07108     | -0.05354     | 0.080796   | 0.059083  |
| ra_grp_s8                   | -0.06855     | -0.06157     | -0.05948     | -0.05329     | -0.05879     | -0.07733     | -0.04744     | 0.059083   | 0.081139  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |
|----------------------|-------------------------|--|--|--|
| Method Taylor Series |                         |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 363.6034 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 6.759671        |  |  |  |
| 2                | 14              | 34                 | 39.433495       |  |  |  |
| 3                | 15              | 54                 | 50.098376       |  |  |  |
| 4                | 16              | 69                 | 75.716944       |  |  |  |
| 5                | 17              | 75                 | 86.703072       |  |  |  |
| 6                | 18              | 67                 | 77.462803       |  |  |  |

## **Domain Analysis for domain Imputation Number=14**

| Response Profile |    |    |           |  |  |
|------------------|----|----|-----------|--|--|
| Ordered<br>Value |    |    |           |  |  |
| 7                | 19 | 20 | 27.429046 |  |  |
| 8                | 20 | 0  | 0.000000  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 32.6609   | 12 | 0.0011 |  |  |  |  |  |

| Model Fit Statistics                  |          |          |  |  |  |
|---------------------------------------|----------|----------|--|--|--|
| Intercept an Criterion Only Covariate |          |          |  |  |  |
| AIC                                   | 1309.207 | 1310.600 |  |  |  |
| sc                                    | 1357.214 | 1372.324 |  |  |  |
| -2 Log L                              | 1295.207 | 1292.600 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 2.6065 | 2 | 0.2717 |  |  |  |
| Score                                  | 2.3466 | 2 | 0.3093 |  |  |  |
| Wald                                   | 1.3656 | 2 | 0.5052 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.2592  | 0.5789            | 54.1276            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2204  | 0.3276            | 45.9342            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.3136  | 0.3184            | 17.0205            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.4003  | 0.3019            | 1.7580             | 0.1849     |  |
| Intercept                                | 17 | 1  | 0.6140   | 0.3247            | 3.5750             | 0.0587     |  |
| Intercept                                | 18 | 1  | 2.2293   | 0.4114            | 29.3709            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.8541  | 0.3139            | 9662.4692          | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                 |  |   |        |        |            |        |
|--|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiS |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp   |  | 1 | 0.3361 | 0.3242 | 1.0748     | 0.2999 |
| ra_grp_s8  |  | 1 | 0.4008 | 0.3545 | 1.2784     | 0.2582 |

| Odds Ratio Estimates                      |       |               |       |  |  |
|---|-------|---------------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |               |       |  |  |
| ra_grp_exp                                | 1.399 | 9 0.741 2.642 |       |  |  |
| ra_grp_s8                                 | 1.493 | 0.745         | 2.991 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |  |
|--|-------|-------|-------|--|--|--|--|
| Percent Concordant 35.6 Somers' D 0.054                          |       |       |       |  |  |  |  |
| Percent Discordant   | 30.2  | Gamma | 0.082 |  |  |  |  |
| Percent Tied 34.1 Tau-a 0.04                                     |       |       |       |  |  |  |  |
| Pairs  | 43121 | С     | 0.527 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.33515                     | 0.13226      | 0.141871     | 0.14086      | 0.139311     | 0.170298     | 0.141433     | -0.14097   | -0.16344  |
| Intercept_14 | 0.13226                     | 0.107335     | 0.097298     | 0.082033     | 0.081333     | 0.094911     | 0.077643     | -0.08661   | -0.09197  |
| Intercept_15 | 0.141871                    | 0.097298     | 0.101379     | 0.088791     | 0.088896     | 0.10205      | 0.080422     | -0.09302   | -0.08971  |
| Intercept_16 | 0.14086                     | 0.082033     | 0.088791     | 0.091143     | 0.090078     | 0.096954     | 0.078123     | -0.0879    | -0.08368  |
| Intercept_17 | 0.139311                    | 0.081333     | 0.088896     | 0.090078     | 0.105449     | 0.117233     | 0.086232     | -0.09066   | -0.09548  |
| Intercept_18 | 0.170298                    | 0.094911     | 0.10205      | 0.096954     | 0.117233     | 0.169212     | 0.103198     | -0.10515   | -0.11877  |
| Intercept_19 | 0.141433                    | 0.077643     | 0.080422     | 0.078123     | 0.086232     | 0.103198     | 0.098523     | -0.09045   | -0.09176  |
| ra_grp_exp   | -0.14097                    | -0.08661     | -0.09302     | -0.0879      | -0.09066     | -0.10515     | -0.09045     | 0.10508    | 0.085242  |
| ra_grp_s8    | -0.16344                    | -0.09197     | -0.08971     | -0.08368     | -0.09548     | -0.11877     | -0.09176     | 0.085242   | 0.125655  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information                       |                          |   |  |  |  |  |
|---|--------------------------|---|--|--|--|--|
| Data Set                                | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable                       | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels               | 8                        |   |  |  |  |  |
| Stratum Variable                        | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata                        | 5                        |   |  |  |  |  |
| Cluster Variable                        | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters                      | 117                      |   |  |  |  |  |
| Weight Variable                         | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                                   | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique Fisher's Scoring |                          |   |  |  |  |  |
| Variance Adjustment                     | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 392.4456 |

| Response Profile |    |    |                 |  |  |  |
|------------------|----|----|-----------------|--|--|--|
| Ordered<br>Value |    |    | Total<br>Weight |  |  |  |
| 1                | 13 | 5  | 5.245387        |  |  |  |
| 2                | 14 | 38 | 42.106775       |  |  |  |
| 3                | 15 | 69 | 62.560629       |  |  |  |
| 4                | 16 | 76 | 87.581505       |  |  |  |
| 5                | 17 | 80 | 87.071860       |  |  |  |
| 6                | 18 | 75 | 84.143568       |  |  |  |

## **Domain Analysis for domain Imputation Number=15**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 18                 | 23.735903       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 23.6765   | 12 | 0.0225 |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1394.239 | 1393.293 |  |  |  |  |
| sc                                      | 1442.247 | 1455.017 |  |  |  |  |
| -2 Log L                                | 1380.239 | 1375.293 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 4.9463 | 2 | 0.0843 |  |  |  |
| Score                                  | 4.9127 | 2 | 0.0857 |  |  |  |
| Wald                                   | 2.8846 | 2 | 0.2364 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.5271  | 0.5587            | 65.6575            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.2092  | 0.2728            | 65.5738            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1594  | 0.2613            | 19.6934            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1970  | 0.2789            | 0.4988             | 0.4800     |  |
| Intercept                                | 17 | 1  | 0.7637   | 0.2922            | 6.8312             | 0.0090     |  |
| Intercept                                | 18 | 1  | 2.5493   | 0.3799            | 45.0240            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9966  | 0.2824            | 12050.6600         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |            |        |        |
|---|--|---|--------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.1211 | 0.2981     | 0.1650 | 0.6846 |
| ra_grp_s8   |  | 1 | 0.4953 | 0.3409     | 2.1110 | 0.1462 |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.129 | 0.629 | 2.025 |  |
| ra_grp_s8                                 | 1.641 | 0.841 | 3.201 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 37.4 Somers' D 0.096                          |       |       |       |  |
| Percent Discordant 27.9 Gamma 0.14                               |       |       |       |  |
| Percent Tied   | 34.7  | Tau-a | 0.078 |  |
| Pairs  | 52983 | С     | 0.548 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.312148                    | 0.087232     | 0.098617     | 0.113367     | 0.109917     | 0.098341     | 0.0985       | -0.11189   | -0.11011  |
| Intercept_14 | 0.087232                    | 0.07443      | 0.062898     | 0.061523     | 0.062499     | 0.062296     | 0.049244     | -0.05832   | -0.0757   |
| Intercept_15 | 0.098617                    | 0.062898     | 0.068262     | 0.068146     | 0.068547     | 0.071579     | 0.056497     | -0.06577   | -0.07555  |
| Intercept_16 | 0.113367                    | 0.061523     | 0.068146     | 0.077796     | 0.076201     | 0.077304     | 0.064804     | -0.07204   | -0.08044  |
| Intercept_17 | 0.109917                    | 0.062499     | 0.068547     | 0.076201     | 0.085386     | 0.086395     | 0.066387     | -0.07359   | -0.08459  |
| Intercept_18 | 0.098341                    | 0.062296     | 0.071579     | 0.077304     | 0.086395     | 0.14434      | 0.072826     | -0.0721    | -0.09195  |
| Intercept_19 | 0.0985                      | 0.049244     | 0.056497     | 0.064804     | 0.066387     | 0.072826     | 0.079729     | -0.07491   | -0.0699   |
| ra_grp_exp   | -0.11189                    | -0.05832     | -0.06577     | -0.07204     | -0.07359     | -0.0721      | -0.07491     | 0.088854   | 0.071893  |
| ra_grp_s8    | -0.11011                    | -0.0757      | -0.07555     | -0.08044     | -0.08459     | -0.09195     | -0.0699      | 0.071893   | 0.116226  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 |        |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |
|---------------------|-------------------------|--|
| Method              | Taylor Series           |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 366.8781 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 4.735256        |  |
| 2                | 14              | 37                 | 42.577400       |  |
| 3                | 15              | 65                 | 58.943719       |  |
| 4                | 16              | 75                 | 84.411179       |  |
| 5                | 17              | 77                 | 84.376578       |  |
| 6                | 18              | 71                 | 72.556486       |  |

## **Domain Analysis for domain Imputation Number=16**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 17                 | 19.277451       |  |
| 8                | 20              | 0                  | 0.000000        |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 38.2273   | 12 | 0.0001 |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1298.991 | 1299.853 |  |  |  |
| sc                                      | 1346.998 | 1361.577 |  |  |  |
| -2 Log L                                | 1284.991 | 1281.853 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 3.1375 | 2 | 0.2083 |  |  |  |  |
| Score                                  | 2.8280 | 2 | 0.2432 |  |  |  |  |
| Wald                                   | 1.6702 | 2 | 0.4338 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.6483  | 0.4755            | 95.5485            | <.0001     |
| Intercept                                | 14 | 1  | -2.2210  | 0.2944            | 56.9069            | <.0001     |
| Intercept                                | 15 | 1  | -1.2119  | 0.2746            | 19.4739            | <.0001     |
| Intercept                                | 16 | 1  | -0.2381  | 0.2908            | 0.6706             | 0.4128     |
| Intercept                                | 17 | 1  | 0.7906   | 0.2993            | 6.9802             | 0.0082     |
| Intercept                                | 18 | 1  | 2.6045   | 0.4260            | 37.3717            | <.0001     |
| Intercept                                | 19 | 1  | 30.8460  | 0.2984            | 10682.5582         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.4051 | 0.3171 | 1.6325 | 0.2014 |
| ra_grp_s8   |  | 1 | 0.3877 | 0.3405 | 1.2966 | 0.2548 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.499 | 0.805 | 2.791 |  |  |
| ra_grp_s8                                 | 1.474 | 0.756 | 2.872 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 36.4 Somers' D 0.068                          |       |   |       |  |  |  |  |
| Percent Discordant 29.6 Gamma 0.                                 |       |   |       |  |  |  |  |
| Percent Tied 33.9 Tau-a 0.056                                    |       |   |       |  |  |  |  |
| Pairs  | 49295 | С | 0.534 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.226132                    | 0.064139     | 0.069344     | 0.075446     | 0.073283     | 0.091663     | 0.066704     | -0.07652   | -0.08931  |
| Intercept_14 | 0.064139                    | 0.086681     | 0.074552     | 0.070008     | 0.068236     | 0.08487      | 0.065567     | -0.07371   | -0.0754   |
| Intercept_15 | 0.069344                    | 0.074552     | 0.075417     | 0.072405     | 0.070887     | 0.087598     | 0.064182     | -0.07581   | -0.07555  |
| Intercept_16 | 0.075446                    | 0.070008     | 0.072405     | 0.084563     | 0.080394     | 0.090797     | 0.07382      | -0.08201   | -0.08097  |
| Intercept_17 | 0.073283                    | 0.068236     | 0.070887     | 0.080394     | 0.089552     | 0.100752     | 0.075634     | -0.08265   | -0.07852  |
| Intercept_18 | 0.091663                    | 0.08487      | 0.087598     | 0.090797     | 0.100752     | 0.181516     | 0.092381     | -0.09874   | -0.10294  |
| Intercept_19 | 0.066704                    | 0.065567     | 0.064182     | 0.07382      | 0.075634     | 0.092381     | 0.089068     | -0.08422   | -0.0815   |
| ra_grp_exp   | -0.07652                    | -0.07371     | -0.07581     | -0.08201     | -0.08265     | -0.09874     | -0.08422     | 0.100524   | 0.086373  |
| ra_grp_s8    | -0.08931                    | -0.0754      | -0.07555     | -0.08097     | -0.07852     | -0.10294     | -0.0815      | 0.086373   | 0.115919  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 427.7997 |

| Response Profile |                 |                    |                 |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |
| 1                | 13              | 8                  | 7.94908         |  |  |  |  |
| 2                | 14              | 47                 | 53.19455        |  |  |  |  |
| 3                | 15              | 67                 | 64.96356        |  |  |  |  |
| 4                | 16              | 86                 | 91.21501        |  |  |  |  |
| 5                | 17              | 80                 | 90.04271        |  |  |  |  |
| 6                | 18              | 87                 | 100.07269       |  |  |  |  |

### **Domain Analysis for domain Imputation Number=17**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 14                 | 20.36207        |  |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 40.4418   | 12 | <.0001     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |  |
| AIC                  | 1521.384          | 1521.480                       |  |  |  |  |
| sc                   | 1569.392          | 1583.204                       |  |  |  |  |
| -2 Log L             | 1507.384          | 1503.480                       |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 3.9039     | 2  | 0.1420     |  |  |  |
| Score                                  | 3.9058     | 2  | 0.1419     |  |  |  |
| Wald                                   | 2.6109     | 2  | 0.2711     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.1017  | 0.4492            | 83.3618            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9209  | 0.2290            | 70.3739            | <.0001     |  |
| Intercept                                | 15 | 1  | -0.9936  | 0.2173            | 20.9059            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.0861  | 0.2022            | 0.1812             | 0.6703     |  |
| Intercept                                | 17 | 1  | 0.8187   | 0.2421            | 11.4366            | 0.0007     |  |
| Intercept                                | 18 | 1  | 2.8856   | 0.3805            | 57.5273            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.1587  | 0.2306            | 18257.2989         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |
|--|--|----|----------|-------------------|--------------------|------------|
| Parameter                                |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| ra_grp_exp                               |  | 1  | 0.00749  | 0.2504            | 0.0009             | 0.9761     |
| ra_grp_s8                                |  | 1  | 0.3680   | 0.2690            | 1.8721             | 0.1712     |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.008 | 0.617 | 1.646 |  |
| ra_grp_s8                                 | 1.445 | 0.853 | 2.448 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 25.4 Somers' D 0.054                          |       |       |       |  |  |  |
| Percent Discordant   | 20.0  | Gamma | 0.118 |  |  |  |
| Percent Tied   | 54.5  | Tau-a | 0.044 |  |  |  |
| Pairs  | 61499 | С     | 0.527 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.201817     | 0.054455     | 0.058187     | 0.057831     | 0.058048     | 0.06097      | 0.049095     | -0.05698   | -0.05662  |
| Intercept_14                | 0.054455     | 0.052431     | 0.041875     | 0.03351      | 0.035564     | 0.048661     | 0.027006     | -0.04075   | -0.03192  |
| Intercept_15                | 0.058187     | 0.041875     | 0.047226     | 0.039453     | 0.041512     | 0.052923     | 0.029227     | -0.04099   | -0.03518  |
| Intercept_16                | 0.057831     | 0.03351      | 0.039453     | 0.040879     | 0.044405     | 0.051254     | 0.029019     | -0.03569   | -0.03637  |
| Intercept_17                | 0.058048     | 0.035564     | 0.041512     | 0.044405     | 0.058612     | 0.067641     | 0.040336     | -0.0462    | -0.04604  |
| Intercept_18                | 0.06097      | 0.048661     | 0.052923     | 0.051254     | 0.067641     | 0.144745     | 0.054195     | -0.0657    | -0.06602  |
| Intercept_19                | 0.049095     | 0.027006     | 0.029227     | 0.029019     | 0.040336     | 0.054195     | 0.053177     | -0.04472   | -0.04458  |
| ra_grp_exp                  | -0.05698     | -0.04075     | -0.04099     | -0.03569     | -0.0462      | -0.0657      | -0.04472     | 0.062677   | 0.03687   |
| ra_grp_s8                   | -0.05662     | -0.03192     | -0.03518     | -0.03637     | -0.04604     | -0.06602     | -0.04458     | 0.03687    | 0.072352  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 391.2016 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.665584        |  |  |  |
| 2                | 14              | 41                 | 46.412950       |  |  |  |
| 3                | 15              | 52                 | 51.119242       |  |  |  |
| 4                | 16              | 71                 | 84.636654       |  |  |  |
| 5                | 17              | 84                 | 97.579772       |  |  |  |
| 6                | 18              | 73                 | 82.859601       |  |  |  |

### **Domain Analysis for domain Imputation Number=18**

| Response Profile   |    |    |           |  |  |  |
|--|----|----|-----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weig |    |    |           |  |  |  |
| 7  | 19 | 18 | 22.927757 |  |  |  |
| 8  | 20 | 0  | 0.000000  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 20.9544   | 12 | 0.0511 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |
| AIC                                     | 1385.336 | 1388.783 |  |  |  |
| sc                                      | 1433.344 | 1450.507 |  |  |  |
| -2 Log L                                | 1371.336 | 1370.783 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 0.5535 | 2 | 0.7583 |  |  |  |  |
| Score                                  | 0.5533 | 2 | 0.7583 |  |  |  |  |
| Wald                                   | 0.4472 | 2 | 0.7996 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.2874  | 0.4430            | 93.6740            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9412  | 0.2629            | 54.5234            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0941  | 0.2446            | 20.0173            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1466  | 0.2545            | 0.3320             | 0.5645     |  |
| Intercept                                | 17 | 1  | 0.9265   | 0.2645            | 12.2721            | 0.0005     |  |
| Intercept                                | 18 | 1  | 2.7123   | 0.4211            | 41.4947            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9713  | 0.2521            | 15093.0308         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates   |  |   |        |        |        |            |
|--|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Pr > Chi-Square Pr > Chi-S |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp   |  | 1 | 0.1448 | 0.2603 | 0.3093 | 0.5781     |
| ra_grp_s8  |  | 1 | 0.0196 | 0.3138 | 0.0039 | 0.9502     |

| Odds Ratio Estimates                             |       |            |       |  |  |
|--|-------|------------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |            |       |  |  |
| ra_grp_exp                                       | 1.156 | 0.694 1.92 |       |  |  |
| ra_grp_s8  | 1.020 | 0.551      | 1.886 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 36.0 Somers' D 0.061                          |       |   |       |  |  |  |  |
| Percent Discordant 29.9 Gamma 0.093                              |       |   |       |  |  |  |  |
| Percent Tied 34.2 Tau-a 0.050                                    |       |   |       |  |  |  |  |
| Pairs  | 48427 | С | 0.531 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.196228                    | 0.052909     | 0.056459     | 0.045321     | 0.060532     | 0.089545     | 0.043833     | -0.03486   | -0.07168  |
| Intercept_14 | 0.052909                    | 0.069113     | 0.057044     | 0.051318     | 0.047288     | 0.072001     | 0.036129     | -0.04505   | -0.0517   |
| Intercept_15 | 0.056459                    | 0.057044     | 0.059806     | 0.056201     | 0.053702     | 0.079192     | 0.039896     | -0.04613   | -0.06061  |
| Intercept_16 | 0.045321                    | 0.051318     | 0.056201     | 0.064758     | 0.05943      | 0.08268      | 0.045915     | -0.04963   | -0.06267  |
| Intercept_17 | 0.060532                    | 0.047288     | 0.053702     | 0.05943      | 0.069954     | 0.097054     | 0.045901     | -0.05166   | -0.06326  |
| Intercept_18 | 0.089545                    | 0.072001     | 0.079192     | 0.08268      | 0.097054     | 0.177293     | 0.07192      | -0.082     | -0.10147  |
| Intercept_19 | 0.043833                    | 0.036129     | 0.039896     | 0.045915     | 0.045901     | 0.07192      | 0.063554     | -0.05015   | -0.06005  |
| ra_grp_exp   | -0.03486                    | -0.04505     | -0.04613     | -0.04963     | -0.05166     | -0.082       | -0.05015     | 0.067745   | 0.051502  |
| ra_grp_s8    | -0.07168                    | -0.0517      | -0.06061     | -0.06267     | -0.06326     | -0.10147     | -0.06005     | 0.051502   | 0.098491  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method Taylor Se    |                         |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 402.8662 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 3                  | 2.180736        |  |  |  |
| 2                | 14              | 42                 | 48.504875       |  |  |  |
| 3                | 15              | 63                 | 63.909326       |  |  |  |
| 4                | 16              | 84                 | 91.121280       |  |  |  |
| 5                | 17              | 72                 | 82.224501       |  |  |  |
| 6                | 18              | 83                 | 94.899453       |  |  |  |

### **Domain Analysis for domain Imputation Number=19**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 18                 | 20.026068       |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 14.1250   | 12 | 0.2928 |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1404.308          | 1407.606                       |  |  |  |
| sc                   | 1452.316          | 1469.331                       |  |  |  |
| -2 Log L             | 1390.308          | 1389.606                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.7017 | 2 | 0.7041 |  |  |  |
| Score                                  | 0.6699 | 2 | 0.7154 |  |  |  |
| Wald                                   | 0.3506 | 2 | 0.8392 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -5.3356  | 0.5987            | 79.4293            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0617  | 0.2814            | 53.6916            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0459  | 0.2454            | 18.1639            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.0808  | 0.2689            | 0.0902             | 0.7639     |  |
| Intercept                                | 17 | 1  | 0.7964   | 0.2860            | 7.7531             | 0.0054     |  |
| Intercept                                | 18 | 1  | 2.8325   | 0.4329            | 42.8021            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0925  | 0.2932            | 11244.2499         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |            |        |        |
|---|--|---|--------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.1714 | 0.2936     | 0.3409 | 0.5593 |
| ra_grp_s8   |  | 1 | 0.1620 | 0.3191     | 0.2576 | 0.6118 |

| Odds Ratio Estimates                      |       |       |       |  |
|---|-------|-------|-------|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                | 1.187 | 0.668 | 2.110 |  |
| ra_grp_s8                                 | 1.176 | 0.629 | 2.198 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |
|--|-------|-------|-------|--|
| Percent Concordant 34.8 Somers' D 0.032                          |       |       |       |  |
| Percent Discordant   | 31.6  | Gamma | 0.048 |  |
| Percent Tied   | 33.6  | Tau-a | 0.026 |  |
| Pairs  | 54015 | С     | 0.516 |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.35842                     | 0.0606       | 0.035553     | 0.038079     | 0.029453     | 0.033675     | 0.049154     | -0.03174   | -0.08174  |
| Intercept_14 | 0.0606                      | 0.079165     | 0.055471     | 0.056209     | 0.049052     | 0.056829     | 0.05132      | -0.05492   | -0.0595   |
| Intercept_15 | 0.035553                    | 0.055471     | 0.060229     | 0.062521     | 0.060252     | 0.075458     | 0.053874     | -0.0612    | -0.06092  |
| Intercept_16 | 0.038079                    | 0.056209     | 0.062521     | 0.072301     | 0.067423     | 0.085242     | 0.059314     | -0.06671   | -0.06508  |
| Intercept_17 | 0.029453                    | 0.049052     | 0.060252     | 0.067423     | 0.081802     | 0.107804     | 0.067982     | -0.07136   | -0.07779  |
| Intercept_18 | 0.033675                    | 0.056829     | 0.075458     | 0.085242     | 0.107804     | 0.187441     | 0.084332     | -0.08834   | -0.10641  |
| Intercept_19 | 0.049154                    | 0.05132      | 0.053874     | 0.059314     | 0.067982     | 0.084332     | 0.085977     | -0.07135   | -0.0794   |
| ra_grp_exp   | -0.03174                    | -0.05492     | -0.0612      | -0.06671     | -0.07136     | -0.08834     | -0.07135     | 0.08619    | 0.07113   |
| ra_grp_s8    | -0.08174                    | -0.0595      | -0.06092     | -0.06508     | -0.07779     | -0.10641     | -0.0794      | 0.07113    | 0.101857  |

| Domain Summary                         |        |  |  |
|--|--------|--|--|
| Number of Observations                 | 73420  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |
| Number of Observations in Domain       | 3028   |  |  |
| Number of Observations not in Domain   | 57532  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 117                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |
|---------------------|-------------------------|--|
| Method              | Taylor Series           |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7032     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 391.1453 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 4                  | 3.241418        |  |
| 2                | 14              | 45                 | 52.533487       |  |
| 3                | 15              | 72                 | 66.414293       |  |
| 4                | 16              | 73                 | 82.472381       |  |
| 5                | 17              | 70                 | 85.082053       |  |
| 6                | 18              | 69                 | 69.838553       |  |

### **Domain Analysis for domain Imputation Number=20**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 17                 | 31.563072       |  |
| 8                | 20              | 0                  | 0.000000        |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |
|---|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 18.5343   | 12 | 0.1004 |  |  |

| Model Fit Statistics             |          |          |  |  |  |
|----------------------------------|----------|----------|--|--|--|
| Intercept Criterion Only Covaria |          |          |  |  |  |
| AIC                              | 1407.413 | 1405.610 |  |  |  |
| sc                               | 1455.420 | 1467.334 |  |  |  |
| -2 Log L                         | 1393.413 | 1387.610 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSo          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 5.8026 | 2 | 0.0550 |  |  |  |  |
| Score                                  | 5.4016 | 2 | 0.0672 |  |  |  |  |
| Wald                                   | 2.1933 | 2 | 0.3340 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -5.1653  | 0.4855            | 113.1848           | <.0001     |  |
| Intercept                                | 14 | 1  | -2.1716  | 0.3078            | 49.7914            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1651  | 0.2701            | 18.6139            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.2821  | 0.2757            | 1.0472             | 0.3062     |  |
| Intercept                                | 17 | 1  | 0.6843   | 0.2906            | 5.5462             | 0.0185     |  |
| Intercept                                | 18 | 1  | 2.0880   | 0.4064            | 26.3920            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.8615  | 0.3379            | 8340.5738          | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.4921 | 0.3328 | 2.1862 | 0.1393 |
| ra_grp_s8   |  | 1 | 0.5027 | 0.3890 | 1.6704 | 0.1962 |

| Odds Ratio Estimates                             |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |  |
| ra_grp_exp                                       | 1.636 | 0.852 | 3.141 |  |  |  |
| ra_grp_s8  | 1.653 | 0.771 | 3.543 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |
|--|-------|---|-------|--|--|--|
| Percent Concordant 36.6 Somers' D 0.071                          |       |   |       |  |  |  |
| Percent Discordant 29.5 Gamma 0.10                               |       |   |       |  |  |  |
| Percent Tied 34.0 Tau-a 0.058                                    |       |   |       |  |  |  |
| Pairs  | 49998 | С | 0.535 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.235725                    | 0.048184     | 0.049605     | 0.045305     | 0.036617     | 0.044268     | 0.030849     | -0.03423   | -0.04166  |
| Intercept_14 | 0.048184                    | 0.094713     | 0.073288     | 0.065177     | 0.06432      | 0.076012     | 0.068542     | -0.07382   | -0.09583  |
| Intercept_15 | 0.049605                    | 0.073288     | 0.072928     | 0.068644     | 0.067478     | 0.078636     | 0.064937     | -0.07381   | -0.08606  |
| Intercept_16 | 0.045305                    | 0.065177     | 0.068644     | 0.076014     | 0.074069     | 0.08224      | 0.071946     | -0.07678   | -0.08825  |
| Intercept_17 | 0.036617                    | 0.06432      | 0.067478     | 0.074069     | 0.084432     | 0.098638     | 0.082656     | -0.08592   | -0.09316  |
| Intercept_18 | 0.044268                    | 0.076012     | 0.078636     | 0.08224      | 0.098638     | 0.165188     | 0.097336     | -0.11163   | -0.11422  |
| Intercept_19 | 0.030849                    | 0.068542     | 0.064937     | 0.071946     | 0.082656     | 0.097336     | 0.114193     | -0.097     | -0.11694  |
| ra_grp_exp   | -0.03423                    | -0.07382     | -0.07381     | -0.07678     | -0.08592     | -0.11163     | -0.097       | 0.110778   | 0.109214  |
| ra_grp_s8    | -0.04166                    | -0.09583     | -0.08606     | -0.08825     | -0.09316     | -0.11422     | -0.11694     | 0.109214   | 0.151301  |

|      | formula  |  |  |  |  |  |
|------|--|--|--|--|--|--|
|      | COL1   |  |  |  |  |  |
| ROW1 | -0.44996403400183*1+0.0171115516*Age-0.19610920952356*SEXF+0.162685053*RHISP-0.15964192160685*RBLK-0.19427400059605* ROTH-0.40106438927126*PT41+0.5411135075*PT42-0.37379990313841*PT43+0.2574528386*PT44-0.42369560402958*PT45+0.8301709318* PT46-0.14940884856189*PT48+0.8447707295*PT50+0.1723570469*PT50_1-0.10046344825289*PT51-0.009469534069*PT55+0.2557234252* PT209+0.1995547627*PT211+0.192677435*PT212-0.01234946972004*PT213+0.5395769035*PT214+0.7194297537*PT233-0.37956133586185* PT237 |  |  |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method Taylor Serie |                         |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 73229.67 |
| Sum of Weights Used         | 8453.232 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 117                | 112.0527        |  |  |  |
| 2                | 14              | 838                | 962.3070        |  |  |  |
| 3                | 15              | 1383               | 1343.9203       |  |  |  |
| 4                | 16              | 1632               | 1850.0637       |  |  |  |
| 5                | 17              | 1632               | 1902.1853       |  |  |  |
| 6                | 18              | 1590               | 1788.8602       |  |  |  |
| 7                | 19              | 359                | 490.9163        |  |  |  |
| 8                | 20              | 1                  | 2.9260          |  |  |  |

#### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test fo<br>Odds |    |            |
|-----------------------|----|------------|
| Chi-Square            | DF | Pr > ChiSq |
| 456.5808              | 12 | <.0001     |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 29800.991         | 29787.554                      |  |  |  |
| sc                   | 29849.498         | 29849.920                      |  |  |  |
| -2 Log L             | 29786.991         | 29769.554                      |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 17.4369    | 2  | 0.0002     |  |  |  |
| Score                                  | 16.3483    | 2  | 0.0003     |  |  |  |
| Wald                                   | 0.8237     | 2  | 0.6624     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.4459  | 0.3584            | 153.9103           | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0633  | 0.2100            | 96.5599            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0510  | 0.1867            | 31.6919            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1177  | 0.1931            | 0.3716             | 0.5422     |  |
| Intercept                                | 17 | 1  | 0.8578   | 0.2136            | 16.1186            | <.0001     |  |
| Intercept                                | 18 | 1  | 2.6482   | 0.3183            | 69.2290            | <.0001     |  |
| Intercept                                | 19 | 1  | 7.8398   | 1.0019            | 61.2339            | <.0001     |  |
| ra_grp_exp                               |    | 1  | 0.1508   | 0.2139            | 0.4969             | 0.4809     |  |
| ra_grp_s8                                |    | 1  | 0.2136   | 0.2354            | 0.8232             | 0.3643     |  |

| Odds Ratio Estimates |  |       |       |  |  |  |
|----------------------|--|-------|-------|--|--|--|
| Effect               | Point 95% Wald Effect Estimate Confidence Limits |       |       |  |  |  |
| ra_grp_exp           | 1.163  | 0.765 | 1.768 |  |  |  |
| ra_grp_s8            | 1.238  | 0.781 | 1.964 |  |  |  |

| Association of Predicted Probabilities and Observed Responses |          |           |       |  |  |  |
|---|----------|-----------|-------|--|--|--|
| Percent Concordant  | 35.2     | Somers' D | 0.045 |  |  |  |
| Percent Discordant  | 30.7     | Gamma     | 0.068 |  |  |  |
| Percent Tied  | 34.1     | Tau-a     | 0.037 |  |  |  |
| Pairs   | 23210126 | с         | 0.522 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.128426                    | 0.036266     | 0.041978     | 0.047798     | 0.050736     | 0.055493     | 0.071303     | -0.04502   | -0.05205  |
| Intercept_14 | 0.036266                    | 0.044088     | 0.035351     | 0.032002     | 0.033163     | 0.042899     | 0.048942     | -0.03469   | -0.03446  |
| Intercept_15 | 0.041978                    | 0.035351     | 0.034857     | 0.033263     | 0.035007     | 0.046118     | 0.048002     | -0.03408   | -0.03483  |
| Intercept_16 | 0.047798                    | 0.032002     | 0.033263     | 0.037287     | 0.038313     | 0.047358     | 0.043468     | -0.034     | -0.03631  |
| Intercept_17 | 0.050736                    | 0.033163     | 0.035007     | 0.038313     | 0.045646     | 0.059385     | 0.076287     | -0.03802   | -0.04213  |
| Intercept_18 | 0.055493                    | 0.042899     | 0.046118     | 0.047358     | 0.059385     | 0.101302     | 0.099196     | -0.05054   | -0.06082  |
| Intercept_19 | 0.071303                    | 0.048942     | 0.048002     | 0.043468     | 0.076287     | 0.099196     | 1.003738     | -0.06571   | -0.09935  |
| ra_grp_exp   | -0.04502                    | -0.03469     | -0.03408     | -0.034       | -0.03802     | -0.05054     | -0.06571     | 0.045764   | 0.038254  |
| ra_grp_s8    | -0.05205                    | -0.03446     | -0.03483     | -0.03631     | -0.04213     | -0.06082     | -0.09935     | 0.038254   | 0.055412  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 444.0836 |

| Response Profile |                 |                    |                 |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |
| 1                | 13              | 7                  | 7.70614         |  |  |  |  |  |
| 2                | 14              | 47                 | 56.47904        |  |  |  |  |  |
| 3                | 15              | 74                 | 75.13184        |  |  |  |  |  |
| 4                | 16              | 85                 | 92.88370        |  |  |  |  |  |
| 5                | 17              | 84                 | 103.37238       |  |  |  |  |  |
| 6                | 18              | 72                 | 79.80093        |  |  |  |  |  |

### **Domain Analysis for domain Imputation Number=1**

| Response Profile |                 |                    |                 |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |
| 7                | 19              | 21                 | 28.70957        |  |  |  |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |
| 28.8735 12 0.0041                               |  |  |  |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |  |
| AIC                  | 1599.643          | 1602.149                       |  |  |  |  |
| sc                   | 1648.150          | 1664.515                       |  |  |  |  |
| -2 Log L             | 1585.643          | 1584.149                       |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 1.4941 | 2 | 0.4738 |  |  |  |  |
| Score                                  | 1.4629 | 2 | 0.4812 |  |  |  |  |
| Wald                                   | 1.3130 | 2 | 0.5187 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |  |
| Intercept                                | 13 | 1  | -3.9134  | 0.5391            | 52.6960            | <.0001     |  |  |  |
| Intercept                                | 14 | 1  | -1.6529  | 0.3051            | 29.3514            | <.0001     |  |  |  |
| Intercept                                | 15 | 1  | -0.6537  | 0.2875            | 5.1699             | 0.0230     |  |  |  |
| Intercept                                | 16 | 1  | 0.2241   | 0.3001            | 0.5577             | 0.4552     |  |  |  |
| Intercept                                | 17 | 1  | 1.2625   | 0.3062            | 16.9980            | <.0001     |  |  |  |
| Intercept                                | 18 | 1  | 2.8055   | 0.3861            | 52.7981            | <.0001     |  |  |  |
| Intercept                                | 19 | 1  | 31.4328  | 0.2920            | 11585.7701         | <.0001     |  |  |  |

| Analysis of Maximum Likelihood Estimates          |  |   |         |        |        |        |  |  |
|---|--|---|---------|--------|--------|--------|--|--|
| Parameter DF Estimate Error Chi-Square Pr > ChiSq |  |   |         |        |        |        |  |  |
| ra_grp_exp  |  | 1 | -0.2417 | 0.3107 | 0.6052 | 0.4366 |  |  |
| ra_grp_s8   |  | 1 | -0.0712 | 0.3274 | 0.0473 | 0.8278 |  |  |

| Odds Ratio Estimates                             |       |             |       |  |  |  |
|--|-------|-------------|-------|--|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |             |       |  |  |  |
| ra_grp_exp                                       | 0.785 | 0.427 1.444 |       |  |  |  |
| ra_grp_s8  | 0.931 | 0.490       | 1.769 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 32.0 Somers' D013                             |       |   |       |  |  |  |  |
| Percent Discordant 33.4 Gamma02                                  |       |   |       |  |  |  |  |
| Percent Tied 34.6 Tau-a011                                       |       |   |       |  |  |  |  |
| Pairs  | 62230 | С | 0.493 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.290623                    | 0.089646     | 0.09344      | 0.106741     | 0.103932     | 0.095817     | 0.072583     | -0.09475   | -0.11787  |
| Intercept_14 | 0.089646                    | 0.093082     | 0.08199      | 0.08068      | 0.072837     | 0.078505     | 0.060584     | -0.07985   | -0.07794  |
| Intercept_15 | 0.09344                     | 0.08199      | 0.082646     | 0.083172     | 0.0766       | 0.082841     | 0.062621     | -0.07998   | -0.07684  |
| Intercept_16 | 0.106741                    | 0.08068      | 0.083172     | 0.090064     | 0.082387     | 0.0857       | 0.06728      | -0.08321   | -0.07976  |
| Intercept_17 | 0.103932                    | 0.072837     | 0.0766       | 0.082387     | 0.093772     | 0.098603     | 0.070025     | -0.08313   | -0.08695  |
| Intercept_18 | 0.095817                    | 0.078505     | 0.082841     | 0.0857       | 0.098603     | 0.149072     | 0.073988     | -0.09194   | -0.09017  |
| Intercept_19 | 0.072583                    | 0.060584     | 0.062621     | 0.06728      | 0.070025     | 0.073988     | 0.085279     | -0.07922   | -0.07042  |
| ra_grp_exp   | -0.09475                    | -0.07985     | -0.07998     | -0.08321     | -0.08313     | -0.09194     | -0.07922     | 0.096519   | 0.086429  |
| ra_grp_s8    | -0.11787                    | -0.07794     | -0.07684     | -0.07976     | -0.08695     | -0.09017     | -0.07042     | 0.086429   | 0.107183  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method Taylor Se    |                         |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 417.02   |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.202315        |  |  |  |
| 2                | 14              | 42                 | 46.369604       |  |  |  |
| 3                | 15              | 59                 | 60.816337       |  |  |  |
| 4                | 16              | 89                 | 96.573758       |  |  |  |
| 5                | 17              | 85                 | 94.506172       |  |  |  |
| 6                | 18              | 75                 | 87.299025       |  |  |  |

### **Domain Analysis for domain Imputation Number=2**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 18                 | 26.252781       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 44.1253   | 12 | <.0001 |  |  |  |  |  |

| Model Fit Statistics                          |          |          |  |  |  |
|---|----------|----------|--|--|--|
| Intercept Intercept Criterion Only Covariates |          |          |  |  |  |
| AIC   | 1478.848 | 1482.768 |  |  |  |
| sc  | 1527.355 | 1545.134 |  |  |  |
| -2 Log L                                      | 1464.848 | 1464.768 |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.0805 | 2 | 0.9605 |  |  |  |
| Score                                  | 0.0804 | 2 | 0.9606 |  |  |  |
| Wald 0.0606 2 0.970                    |        |   |        |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.3982  | 0.5897            | 55.6361            | <.0001     |
| Intercept                                | 14 | 1  | -1.9855  | 0.2817            | 49.6829            | <.0001     |
| Intercept                                | 15 | 1  | -1.0254  | 0.2532            | 16.3965            | <.0001     |
| Intercept                                | 16 | 1  | -0.0239  | 0.2692            | 0.0079             | 0.9291     |
| Intercept                                | 17 | 1  | 0.9556   | 0.2830            | 11.4025            | 0.0007     |
| Intercept                                | 18 | 1  | 2.6738   | 0.3694            | 52.3979            | <.0001     |
| Intercept                                | 19 | 1  | 31.2155  | 0.2970            | 11045.5343         | <.0001     |

| Analysis of Maximum Likelihood Estimates |   |   |        |        |        |            |
|--|---|---|--------|--------|--------|------------|
| Parameter                                | rameter DF Estimate Standard Wald Chi-Square Pr > Chi |   |        |        |        | Pr > ChiSq |
| ra_grp_exp                               |   | 1 | 0.0555 | 0.2973 | 0.0349 | 0.8518     |
| ra_grp_s8                                |   | 1 | 0.0109 | 0.3337 | 0.0011 | 0.9739     |

| Odds Ratio Estimates             |       |             |  |  |  |  |  |
|----------------------------------|-------|-------------|--|--|--|--|--|
| Point 95% Wald Confidence Limits |       |             |  |  |  |  |  |
| ra_grp_exp                       | 1.057 | 0.590 1.893 |  |  |  |  |  |
| ra_grp_s8 1.011 0.526 1.944      |       |             |  |  |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |
|--|-------|---|-------|--|--|
| Percent Concordant 34.2 Somers' D 0.023                          |       |   |       |  |  |
| Percent Discordant 31.9 Gamma 0.034                              |       |   |       |  |  |
| Percent Tied 33.8 Tau-a 0.018                                    |       |   |       |  |  |
| Pairs  | 56750 | С | 0.511 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.347692                    | 0.106701     | 0.104866     | 0.115794     | 0.111733     | 0.063057     | 0.113449     | -0.101     | -0.14554  |
| Intercept_14 | 0.106701                    | 0.079351     | 0.063383     | 0.059601     | 0.060606     | 0.052957     | 0.064697     | -0.0727    | -0.06785  |
| Intercept_15 | 0.104866                    | 0.063383     | 0.064131     | 0.063733     | 0.064708     | 0.062078     | 0.0573       | -0.0639    | -0.07017  |
| Intercept_16 | 0.115794                    | 0.059601     | 0.063733     | 0.072491     | 0.070734     | 0.066145     | 0.059708     | -0.05946   | -0.07756  |
| Intercept_17 | 0.111733                    | 0.060606     | 0.064708     | 0.070734     | 0.08009      | 0.080809     | 0.061037     | -0.06552   | -0.07838  |
| Intercept_18 | 0.063057                    | 0.052957     | 0.062078     | 0.066145     | 0.080809     | 0.136438     | 0.053952     | -0.07193   | -0.07499  |
| Intercept_19 | 0.113449                    | 0.064697     | 0.0573       | 0.059708     | 0.061037     | 0.053952     | 0.088217     | -0.06839   | -0.08417  |
| ra_grp_exp   | -0.101                      | -0.0727      | -0.0639      | -0.05946     | -0.06552     | -0.07193     | -0.06839     | 0.088368   | 0.074015  |
| ra_grp_s8    | -0.14554                    | -0.06785     | -0.07017     | -0.07756     | -0.07838     | -0.07499     | -0.08417     | 0.074015   | 0.111326  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |
|---------------------|-------------------------|--|--|
| Method Taylor Serie |                         |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 405.7914 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 6                  | 6.250314        |  |
| 2                | 14              | 45                 | 49.750733       |  |
| 3                | 15              | 70                 | 71.213495       |  |
| 4                | 16              | 76                 | 89.482588       |  |
| 5                | 17              | 74                 | 95.493559       |  |
| 6                | 18              | 65                 | 74.711508       |  |

### **Domain Analysis for domain Imputation Number=3**

| Response Profile |                 |                    |                 |
|------------------|-----------------|--------------------|-----------------|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |
| 7                | 19              | 13                 | 18.889152       |
| 8                | 20              | 0                  | 0.000000        |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 30.2738   | 12 | 0.0025 |  |  |

| Model Fit Statistics             |          |          |  |  |
|----------------------------------|----------|----------|--|--|
| Intercept Criterion Only Covaria |          |          |  |  |
| AIC                              | 1438.453 | 1434.555 |  |  |
| sc                               | 1486.960 | 1496.921 |  |  |
| -2 Log L                         | 1424.453 | 1416.555 |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |
|--|------------|----|------------|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |
| Likelihood Ratio                       | 7.8978     | 2  | 0.0193     |  |
| Score                                  | 7.6498     | 2  | 0.0218     |  |
| Wald                                   | 6.9712     | 2  | 0.0306     |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.4736  | 0.5247            | 72.6959            | <.0001     |
| Intercept                                | 14 | 1  | -2.1379  | 0.3546            | 36.3456            | <.0001     |
| Intercept                                | 15 | 1  | -1.0750  | 0.2935            | 13.4142            | 0.0002     |
| Intercept                                | 16 | 1  | -0.1450  | 0.2816            | 0.2651             | 0.6066     |
| Intercept                                | 17 | 1  | 0.9321   | 0.2995            | 9.6856             | 0.0019     |
| Intercept                                | 18 | 1  | 2.7607   | 0.4507            | 37.5223            | <.0001     |
| Intercept                                | 19 | 1  | 30.9779  | 0.2820            | 12069.4739         | <.0001     |

| Analysis of Maximum Likelihood Estimates |   |   |        |        |            |        |
|--|---|---|--------|--------|------------|--------|
| Parameter                                | DF Estimate Standard Wald Chi-Square Pr > ChiSq |   |        |        | Pr > ChiSq |        |
| ra_grp_exp                               |   | 1 | 0.1334 | 0.3334 | 0.1601     | 0.6891 |
| ra_grp_s8                                |   | 1 | 0.5928 | 0.2856 | 4.3086     | 0.0379 |

| Odds Ratio Estimates |   |       |       |  |
|----------------------|---|-------|-------|--|
| Effect               | Point 95% Wald Estimate Confidence Limits |       |       |  |
| ra_grp_exp           | 1.143                                     | 0.595 | 2.196 |  |
| ra_grp_s8            | 1.809                                     | 1.034 | 3.166 |  |

| Association of Predicted Probabilities and Observed Responses |   |       |       |  |  |  |
|---|---|-------|-------|--|--|--|
| Percent Concordant  | Percent Concordant 36.8 Somers' D 0.089 |       |       |  |  |  |
| Percent Discordant  | 27.9                                    | Gamma | 0.138 |  |  |  |
| Percent Tied 35.3 Tau-a 0.0                                   |   |       |       |  |  |  |
| Pairs   | 49597                                   | С     | 0.545 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.275295                    | 0.125871     | 0.09823      | 0.091741     | 0.095883     | 0.126254     | 0.075445     | -0.10074   | -0.08969  |
| Intercept_14 | 0.125871                    | 0.125751     | 0.099218     | 0.088255     | 0.088153     | 0.095334     | 0.068373     | -0.1014    | -0.07869  |
| Intercept_15 | 0.09823                     | 0.099218     | 0.086155     | 0.07546      | 0.074567     | 0.086799     | 0.056612     | -0.08355   | -0.06607  |
| Intercept_16 | 0.091741                    | 0.088255     | 0.07546      | 0.079296     | 0.075462     | 0.094392     | 0.056466     | -0.07757   | -0.06022  |
| Intercept_17 | 0.095883                    | 0.088153     | 0.074567     | 0.075462     | 0.089693     | 0.115184     | 0.066752     | -0.08721   | -0.06652  |
| Intercept_18 | 0.126254                    | 0.095334     | 0.086799     | 0.094392     | 0.115184     | 0.203113     | 0.087096     | -0.10642   | -0.08097  |
| Intercept_19 | 0.075445                    | 0.068373     | 0.056612     | 0.056466     | 0.066752     | 0.087096     | 0.079509     | -0.07861   | -0.05953  |
| ra_grp_exp   | -0.10074                    | -0.1014      | -0.08355     | -0.07757     | -0.08721     | -0.10642     | -0.07861     | 0.111138   | 0.069504  |
| ra_grp_s8    | -0.08969                    | -0.07869     | -0.06607     | -0.06022     | -0.06652     | -0.08097     | -0.05953     | 0.069504   | 0.081562  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | M                        | odel Information  |
|---------------------------|--------------------------|---|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |
| Response Variable         | f_mh_pts_rec_yt          |   |
| Number of Response Levels | 8                        |   |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |
| Number of Strata          | 5                        |   |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |
| Number of Clusters        | 116                      |   |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |
| Model                     | Cumulative Logit         |   |
| Optimization Technique    | Fisher's Scoring         |   |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |

| Variance Estimation |                         |  |  |  |  |
|---------------------|-------------------------|--|--|--|--|
| Method              | Method Taylor Series    |  |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 460.1833 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.90790         |  |  |  |
| 2                | 14              | 40                 | 46.75746        |  |  |  |
| 3                | 15              | 87                 | 87.43505        |  |  |  |
| 4                | 16              | 81                 | 91.21122        |  |  |  |
| 5                | 17              | 84                 | 102.82588       |  |  |  |
| 6                | 18              | 84                 | 96.73864        |  |  |  |

### **Domain Analysis for domain Imputation Number=4**

| Response Profile |                 |                    |                 |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |
| 7                | 19              | 20                 | 29.30716        |  |  |
| 8                | 20              | 0                  | 0.00000         |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |
|---|----|--------|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |
| 19.3331   | 12 | 0.0808 |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1636.299          | 1638.544                       |  |  |  |
| sc                   | 1684.806          | 1700.910                       |  |  |  |
| -2 Log L             | 1622.299          | 1620.544                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 1.7555     | 2  | 0.4157     |  |  |  |
| Score                                  | 1.7330     | 2  | 0.4204     |  |  |  |
| Wald                                   | 1.0549     | 2  | 0.5901     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |
| Intercept                                | 13 | 1  | -4.4386  | 0.5495            | 65.2567            | <.0001     |  |  |
| Intercept                                | 14 | 1  | -2.1402  | 0.2814            | 57.8268            | <.0001     |  |  |
| Intercept                                | 15 | 1  | -0.9160  | 0.2372            | 14.9091            | 0.0001     |  |  |
| Intercept                                | 16 | 1  | -0.0773  | 0.2443            | 0.1002             | 0.7516     |  |  |
| Intercept                                | 17 | 1  | 0.8879   | 0.2381            | 13.9059            | 0.0002     |  |  |
| Intercept                                | 18 | 1  | 2.6033   | 0.3442            | 57.2095            | <.0001     |  |  |
| Intercept                                | 19 | 1  | 31.2492  | 0.2547            | 15054.6112         | <.0001     |  |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |            |
|---|--|---|--------|--------|--------|------------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        | Pr > ChiSq |
| ra_grp_exp  |  | 1 | 0.0193 | 0.2617 | 0.0054 | 0.9412     |
| ra_grp_s8   |  | 1 | 0.2444 | 0.2977 | 0.6742 | 0.4116     |

| Odds Ratio Estimates                             |       |       |       |  |  |
|--|-------|-------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                       | 1.019 | 0.610 | 1.703 |  |  |
| ra_grp_s8  | 1.277 | 0.712 | 2.288 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 35.5 Somers' D 0.052                          |       |       |       |  |  |  |
| Percent Discordant   | 30.3  | Gamma | 0.079 |  |  |  |
| Percent Tied 34.3 Tau-a 0.04                                     |       |       |       |  |  |  |
| Pairs  | 65663 | С     | 0.526 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.301902                    | 0.068423     | 0.069102     | 0.078424     | 0.072251     | 0.068372     | 0.074705     | -0.06965   | -0.09146  |
| Intercept_14 | 0.068423                    | 0.079209     | 0.059091     | 0.054369     | 0.048483     | 0.058766     | 0.033569     | -0.04939   | -0.05731  |
| Intercept_15 | 0.069102                    | 0.059091     | 0.056278     | 0.052958     | 0.048171     | 0.061248     | 0.039367     | -0.05163   | -0.05751  |
| Intercept_16 | 0.078424                    | 0.054369     | 0.052958     | 0.059689     | 0.051694     | 0.066819     | 0.046182     | -0.05045   | -0.06081  |
| Intercept_17 | 0.072251                    | 0.048483     | 0.048171     | 0.051694     | 0.056696     | 0.071833     | 0.042249     | -0.0488    | -0.05756  |
| Intercept_18 | 0.068372                    | 0.058766     | 0.061248     | 0.066819     | 0.071833     | 0.11846      | 0.05457      | -0.0592    | -0.07964  |
| Intercept_19 | 0.074705                    | 0.033569     | 0.039367     | 0.046182     | 0.042249     | 0.05457      | 0.064865     | -0.04955   | -0.05381  |
| ra_grp_exp   | -0.06965                    | -0.04939     | -0.05163     | -0.05045     | -0.0488      | -0.0592      | -0.04955     | 0.068464   | 0.051136  |
| ra_grp_s8    | -0.09146                    | -0.05731     | -0.05751     | -0.06081     | -0.05756     | -0.07964     | -0.05381     | 0.051136   | 0.088602  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 423.7095 |

| Response Profile |                 |                    |                 |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |
| 1                | 13              | 7                  | 6.20648         |  |  |  |  |
| 2                | 14              | 36                 | 41.05872        |  |  |  |  |
| 3                | 15              | 75                 | 72.84383        |  |  |  |  |
| 4                | 16              | 91                 | 109.28889       |  |  |  |  |
| 5                | 17              | 81                 | 89.01682        |  |  |  |  |
| 6                | 18              | 76                 | 88.37285        |  |  |  |  |

### **Domain Analysis for domain Imputation Number=5**

| Response Profile |               |    |          |  |  |  |
|------------------|---------------|----|----------|--|--|--|
| Ordered<br>Value | 10111   10111 |    |          |  |  |  |
| 7                | 19            | 12 | 16.92196 |  |  |  |
| 8                | 20            | 0  | 0.00000  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |
| 22.1838 12 0.0355                               |  |  |  |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |  |
| AIC                  | 1474.603          | 1476.965                       |  |  |  |  |
| sc                   | 1523.110          | 1539.331                       |  |  |  |  |
| -2 Log L             | 1460.603          | 1458.965                       |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 1.6376 | 2 | 0.4410 |  |  |  |  |
| Score                                  | 1.6224 | 2 | 0.4443 |  |  |  |  |
| Wald                                   | 1.2724 | 2 | 0.5293 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |  |
| Intercept                                | 13 | 1  | -4.3449  | 0.4908            | 78.3704            | <.0001     |  |  |  |
| Intercept                                | 14 | 1  | -2.2096  | 0.2423            | 83.1883            | <.0001     |  |  |  |
| Intercept                                | 15 | 1  | -1.0588  | 0.2076            | 26.0169            | <.0001     |  |  |  |
| Intercept                                | 16 | 1  | 0.0337   | 0.2161            | 0.0243             | 0.8761     |  |  |  |
| Intercept                                | 17 | 1  | 0.9741   | 0.2383            | 16.7067            | <.0001     |  |  |  |
| Intercept                                | 18 | 1  | 3.0532   | 0.3900            | 61.3048            | <.0001     |  |  |  |
| Intercept                                | 19 | 1  | 31.1326  | 0.2482            | 15738.9786         | <.0001     |  |  |  |

| Analysis of Maximum Likelihood Estimates          |  |   |        |        |        |        |  |
|---|--|---|--------|--------|--------|--------|--|
| Parameter DF Estimate Error Chi-Square Pr > ChiSq |  |   |        |        |        |        |  |
| ra_grp_exp  |  | 1 | 0.0895 | 0.2461 | 0.1323 | 0.7160 |  |
| ra_grp_s8   |  | 1 | 0.2727 | 0.2644 | 1.0634 | 0.3024 |  |

| Odds Ratio Estimates                             |       |             |       |  |  |  |
|--|-------|-------------|-------|--|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |             |       |  |  |  |
| ra_grp_exp                                       | 1.094 | 0.675 1.771 |       |  |  |  |
| ra_grp_s8  | 1.314 | 0.782       | 2.206 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |  |
|--|-------|-----------|-------|--|--|--|--|
| Percent Concordant   | 35.5  | Somers' D | 0.050 |  |  |  |  |
| Percent Discordant   | 30.4  | Gamma     | 0.077 |  |  |  |  |
| Percent Tied 34.1 Tau-a 0.041                                    |       |           |       |  |  |  |  |
| Pairs  | 57576 | С         | 0.525 |  |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.240885     | 0.054182     | 0.054591     | 0.058088     | 0.064214     | 0.059456     | 0.059787     | -0.05818   | -0.06338  |
| Intercept_14                | 0.054182     | 0.058689     | 0.043819     | 0.035075     | 0.044094     | 0.042081     | 0.036174     | -0.04513   | -0.03746  |
| Intercept_15                | 0.054591     | 0.043819     | 0.043092     | 0.038251     | 0.043169     | 0.048554     | 0.034728     | -0.04366   | -0.03619  |
| Intercept_16                | 0.058088     | 0.035075     | 0.038251     | 0.046714     | 0.04735      | 0.055185     | 0.037513     | -0.04235   | -0.03958  |
| Intercept_17                | 0.064214     | 0.044094     | 0.043169     | 0.04735      | 0.056795     | 0.064162     | 0.041482     | -0.04833   | -0.04676  |
| Intercept_18                | 0.059456     | 0.042081     | 0.048554     | 0.055185     | 0.064162     | 0.152065     | 0.043347     | -0.0483    | -0.06019  |
| Intercept_19                | 0.059787     | 0.036174     | 0.034728     | 0.037513     | 0.041482     | 0.043347     | 0.061582     | -0.04773   | -0.05006  |
| ra_grp_exp                  | -0.05818     | -0.04513     | -0.04366     | -0.04235     | -0.04833     | -0.0483      | -0.04773     | 0.060555   | 0.04415   |
| ra_grp_s8                   | -0.06338     | -0.03746     | -0.03619     | -0.03958     | -0.04676     | -0.06019     | -0.05006     | 0.04415    | 0.06993   |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 447.6526 |

| Response Profile |                 |                    |                 |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |
| 1                | 13              | 2                  | 2.27913         |  |  |  |  |
| 2                | 14              | 46                 | 57.22507        |  |  |  |  |
| 3                | 15              | 77                 | 77.59735        |  |  |  |  |
| 4                | 16              | 83                 | 91.89155        |  |  |  |  |
| 5                | 17              | 86                 | 106.39103       |  |  |  |  |
| 6                | 18              | 71                 | 81.50196        |  |  |  |  |

### **Domain Analysis for domain Imputation Number=6**

| Response Profile |   |    |          |  |  |  |
|------------------|---|----|----------|--|--|--|
| Ordered<br>Value | Total Total f_mh_pts_rec_yt Frequency Weigh |    |          |  |  |  |
| 7                | 19  | 18 | 27.84047 |  |  |  |
| 8                | 20  | 1  | 2.92599  |  |  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |
| 65.6177 12 <.0001                               |  |  |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1603.973 | 1606.171 |  |  |  |  |
| sc                                      | 1652.480 | 1668.537 |  |  |  |  |
| -2 Log L                                | 1589.973 | 1588.171 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 1.8022 | 2 | 0.4061 |  |  |  |  |
| Score                                  | 1.8619 | 2 | 0.3942 |  |  |  |  |
| Wald                                   | 1.2387 | 2 | 0.5383 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -5.2761  | 1.0199            | 26.7624            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.8755  | 0.2787            | 45.3004            | <.0001     |  |
| Intercept                                | 15 | 1  | -0.8179  | 0.2517            | 10.5618            | 0.0012     |  |
| Intercept                                | 16 | 1  | 0.0493   | 0.2615            | 0.0356             | 0.8504     |  |
| Intercept                                | 17 | 1  | 1.1045   | 0.3050            | 13.1150            | 0.0003     |  |
| Intercept                                | 18 | 1  | 2.6178   | 0.4846            | 29.1848            | <.0001     |  |
| Intercept                                | 19 | 1  | 5.0338   | 1.0777            | 21.8177            | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                |  |   |         |        |            |        |
|---|--|---|---------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > Chi |  |   |         |        | Pr > ChiSq |        |
| ra_grp_exp  |  | 1 | 0.0984  | 0.2864 | 0.1180     | 0.7313 |
| ra_grp_s8   |  | 1 | -0.1575 | 0.3012 | 0.2734     | 0.6011 |

| Odds Ratio Estimates                             |       |             |  |  |  |  |  |
|--|-------|-------------|--|--|--|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |             |  |  |  |  |  |
| ra_grp_exp                                       | 1.103 | 0.629 1.934 |  |  |  |  |  |
| ra_grp_s8 0.854 0.473 1.542                      |       |             |  |  |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |
|--|-------|---|-------|--|--|--|
| Percent Concordant 33.6 Somers' D 0.019                          |       |   |       |  |  |  |
| Percent Discordant 31.7 Gamma 0.029                              |       |   |       |  |  |  |
| Percent Tied 34.7 Tau-a 0.015                                    |       |   |       |  |  |  |
| Pairs  | 59878 | С | 0.509 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 1.040167                    | 0.052695     | 0.081976     | 0.130597     | 0.128637     | 0.136867     | 0.278256     | -0.10994   | -0.09282  |
| Intercept_14 | 0.052695                    | 0.077646     | 0.062505     | 0.057184     | 0.062491     | 0.079747     | 0.167804     | -0.06202   | -0.05027  |
| Intercept_15 | 0.081976                    | 0.062505     | 0.063341     | 0.061054     | 0.068516     | 0.096036     | 0.180866     | -0.0631    | -0.05735  |
| Intercept_16 | 0.130597                    | 0.057184     | 0.061054     | 0.068391     | 0.073304     | 0.103345     | 0.178912     | -0.06398   | -0.06207  |
| Intercept_17 | 0.128637                    | 0.062491     | 0.068516     | 0.073304     | 0.093022     | 0.133933     | 0.231        | -0.07111   | -0.07611  |
| Intercept_18 | 0.136867                    | 0.079747     | 0.096036     | 0.103345     | 0.133933     | 0.23481      | 0.407203     | -0.09814   | -0.12028  |
| Intercept_19 | 0.278256                    | 0.167804     | 0.180866     | 0.178912     | 0.231        | 0.407203     | 1.16139      | -0.20099   | -0.18322  |
| ra_grp_exp   | -0.10994                    | -0.06202     | -0.0631      | -0.06398     | -0.07111     | -0.09814     | -0.20099     | 0.082004   | 0.059912  |
| ra_grp_s8    | -0.09282                    | -0.05027     | -0.05735     | -0.06207     | -0.07611     | -0.12028     | -0.18322     | 0.059912   | 0.090695  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

| Model Information         |                          |   |  |  |
|---------------------------|--------------------------|---|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |
| Number of Response Levels | 8                        |   |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |
| Number of Strata          | 5                        |   |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |
| Number of Clusters        | 116                      |   |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |
| Model                     | Cumulative Logit         |   |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |

| Variance Estimation                    |  |  |  |
|--|--|--|--|
| Method Taylor Series                   |  |  |  |
| Variance Adjustment Degrees of Freedom |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 425.486  |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 5                  | 5.015182        |  |
| 2                | 14              | 44                 | 44.204693       |  |
| 3                | 15              | 79                 | 76.129604       |  |
| 4                | 16              | 86                 | 96.240933       |  |
| 5                | 17              | 85                 | 98.996368       |  |
| 6                | 18              | 73                 | 80.872235       |  |

### **Domain Analysis for domain Imputation Number=7**

| Response Profile |    |    |           |  |
|------------------|----|----|-----------|--|
| Ordered<br>Value |    |    |           |  |
| 7                | 19 | 19 | 24.026970 |  |
| 8                | 20 | 0  | 0.000000  |  |

### Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 20.5352   | 12 | 0.0576 |  |  |

| Model Fit Statistics |                          |          |  |  |
|----------------------|--------------------------|----------|--|--|
| Criterion            | Intercept and Covariates |          |  |  |
| AIC                  | 1502.211                 | 1505.381 |  |  |
| sc                   | 1550.718                 | 1567.747 |  |  |
| -2 Log L             | 1488.211                 | 1487.381 |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |
|--|--------|---|--------|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |
| Likelihood Ratio                       | 0.8304 | 2 | 0.6602 |  |
| Score                                  | 0.7725 | 2 | 0.6796 |  |
| Wald                                   | 0.6238 | 2 | 0.7321 |  |

| Analysis of Maximum Likelihood Estimates |    |          |          |                   |                    |            |  |  |
|--|----|----------|----------|-------------------|--------------------|------------|--|--|
| Parameter                                |    | DF       | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |
| Intercept                                | 13 | 1        | -4.5637  | 0.5151            | 78.5086            | <.0001     |  |  |
| Intercept                                | 14 | 1        | -2.1697  | 0.2740            | 62.7125            | <.0001     |  |  |
| Intercept                                | 15 | 1        | -1.0098  | 0.2128            | 22.5076            | <.0001     |  |  |
| Intercept                                | 16 | 1 -0.053 |          | 0.2141            | 0.0632             | 0.8015     |  |  |
| Intercept                                | 17 | 1        | 0.9823   | 0.2410            | 16.6181            | <.0001     |  |  |
| Intercept                                | 18 | 1        | 2.6857   | 0.3444            | 60.7973            | <.0001     |  |  |
| Intercept                                | 19 | 1        | 31.1325  | 0.2615            | 14179.2014         | <.0001     |  |  |

| Analysis of Maximum Likelihood Estimates |  |    |          |                   |                    |            |  |
|--|--|----|----------|-------------------|--------------------|------------|--|
| Parameter DF                             |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| ra_grp_exp                               |  | 1  | 0.1721   | 0.2507            | 0.4713             | 0.4924     |  |
| ra_grp_s8                                |  | 1  | 0.1910   | 0.2694            | 0.5025             | 0.4784     |  |

| Odds Ratio Estimates |                   |       |       |  |  |  |
|----------------------|-------------------|-------|-------|--|--|--|
| Effect               | Point<br>Estimate |       |       |  |  |  |
| ra_grp_exp           | 1.188             | 0.727 | 1.942 |  |  |  |
| ra_grp_s8            | 1.210             | 0.714 | 2.052 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |  |
|--|-------|-------|-------|--|--|--|--|
| Percent Concordant 35.3 Somers' D 0.                             |       |       |       |  |  |  |  |
| Percent Discordant   | 30.7  | Gamma | 0.070 |  |  |  |  |
| Percent Tied   | 34.0  | Tau-a | 0.038 |  |  |  |  |
| Pairs  | 62184 | С     | 0.523 |  |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.265285     | 0.0743       | 0.062108     | 0.061856     | 0.07255      | 0.075777     | 0.079982     | -0.0571    | -0.07661  |
| Intercept_14                | 0.0743       | 0.075064     | 0.051566     | 0.045886     | 0.042893     | 0.046897     | 0.046904     | -0.04898   | -0.05156  |
| Intercept_15                | 0.062108     | 0.051566     | 0.045301     | 0.040005     | 0.040642     | 0.046436     | 0.038077     | -0.03976   | -0.04103  |
| Intercept_16                | 0.061856     | 0.045886     | 0.040005     | 0.045843     | 0.046394     | 0.050053     | 0.043181     | -0.04352   | -0.04111  |
| Intercept_17                | 0.07255      | 0.042893     | 0.040642     | 0.046394     | 0.05806      | 0.065213     | 0.048884     | -0.04919   | -0.04562  |
| Intercept_18                | 0.075777     | 0.046897     | 0.046436     | 0.050053     | 0.065213     | 0.118643     | 0.056968     | -0.05435   | -0.06237  |
| Intercept_19                | 0.079982     | 0.046904     | 0.038077     | 0.043181     | 0.048884     | 0.056968     | 0.068356     | -0.05104   | -0.05006  |
| ra_grp_exp                  | -0.0571      | -0.04898     | -0.03976     | -0.04352     | -0.04919     | -0.05435     | -0.05104     | 0.062862   | 0.03798   |
| ra_grp_s8                   | -0.07661     | -0.05156     | -0.04103     | -0.04111     | -0.04562     | -0.06237     | -0.05006     | 0.03798    | 0.072592  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 411.0773 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 4.307061        |  |  |  |
| 2                | 14              | 38                 | 47.712861       |  |  |  |
| 3                | 15              | 64                 | 63.316146       |  |  |  |
| 4                | 16              | 73                 | 85.105588       |  |  |  |
| 5                | 17              | 86                 | 96.308670       |  |  |  |
| 6                | 18              | 81                 | 93.871576       |  |  |  |

## **Domain Analysis for domain Imputation Number=8**

| Response Profile                                      |    |    |           |  |  |  |
|---|----|----|-----------|--|--|--|
| Ordered Total To Value f_mh_pts_rec_yt Frequency Weig |    |    |           |  |  |  |
| 7   | 19 | 16 | 20.455399 |  |  |  |
| 8   | 20 | 0  | 0.000000  |  |  |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                     |  |
|--|--|
| Convergence criterion (GCONV=1E-8) satisfied |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 24.7837   | 12 | 0.0159 |  |  |  |  |  |

| Model Fit Statistics                 |          |          |  |  |  |  |  |
|--------------------------------------|----------|----------|--|--|--|--|--|
| Intercept a Criterion Only Covariate |          |          |  |  |  |  |  |
| AIC                                  | 1443.276 | 1443.619 |  |  |  |  |  |
| sc                                   | 1491.783 | 1505.985 |  |  |  |  |  |
| -2 Log L                             | 1429.276 | 1425.619 |  |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |  |
|--|--------|---|--------|--|--|--|--|--|
| Test Chi-Square DF Pr > ChiSo          |        |   |        |  |  |  |  |  |
| Likelihood Ratio                       | 3.6572 | 2 | 0.1606 |  |  |  |  |  |
| Score                                  | 3.7060 | 2 | 0.1568 |  |  |  |  |  |
| Wald                                   | 3.3598 | 2 | 0.1864 |  |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.6830  | 0.5324            | 77.3679            | <.0001     |
| Intercept                                | 14 | 1  | -2.0616  | 0.3039            | 46.0318            | <.0001     |
| Intercept                                | 15 | 1  | -1.0663  | 0.2591            | 16.9405            | <.0001     |
| Intercept                                | 16 | 1  | -0.1741  | 0.2591            | 0.4517             | 0.5015     |
| Intercept                                | 17 | 1  | 0.8314   | 0.2688            | 9.5649             | 0.0020     |
| Intercept                                | 18 | 1  | 2.8375   | 0.3736            | 57.6819            | <.0001     |
| Intercept                                | 19 | 1  | 31.1200  | 0.2441            | 16254.7331         | <.0001     |

| Analysis of Maximum Likelihood Estimates                 |  |   |        |        |        |        |
|--|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiS |  |   |        |        |        |        |
| ra_grp_exp   |  | 1 | 0.0230 | 0.3121 | 0.0054 | 0.9413 |
| ra_grp_s8  |  | 1 | 0.3782 | 0.2863 | 1.7452 | 0.1865 |

| Odds Ratio Estimates                             |       |       |       |  |
|--|-------|-------|-------|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                       | 1.023 | 0.555 | 1.887 |  |
| ra_grp_s8  | 1.460 | 0.833 | 2.558 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |
|--|-------|---|-------|--|--|
| Percent Concordant 37.3 Somers' D 0.085                          |       |   |       |  |  |
| Percent Discordant28.8Gamma0.129                                 |       |   |       |  |  |
| Percent Tied 33.9 Tau-a 0.069                                    |       |   |       |  |  |
| Pairs  | 53331 | С | 0.543 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.283462                    | 0.083054     | 0.079838     | 0.072321     | 0.069119     | 0.088011     | 0.059564     | -0.08485   | -0.08874  |
| Intercept_14 | 0.083054                    | 0.092335     | 0.067038     | 0.060861     | 0.058665     | 0.068581     | 0.051029     | -0.07282   | -0.05792  |
| Intercept_15 | 0.079838                    | 0.067038     | 0.067122     | 0.062163     | 0.060942     | 0.06575      | 0.048608     | -0.07014   | -0.05679  |
| Intercept_16 | 0.072321                    | 0.060861     | 0.062163     | 0.067133     | 0.06321      | 0.06225      | 0.05126      | -0.06736   | -0.05834  |
| Intercept_17 | 0.069119                    | 0.058665     | 0.060942     | 0.06321      | 0.072268     | 0.077537     | 0.053224     | -0.07067   | -0.05974  |
| Intercept_18 | 0.088011                    | 0.068581     | 0.06575      | 0.06225      | 0.077537     | 0.139587     | 0.05674      | -0.08039   | -0.07487  |
| Intercept_19 | 0.059564                    | 0.051029     | 0.048608     | 0.05126      | 0.053224     | 0.05674      | 0.05958      | -0.06347   | -0.05401  |
| ra_grp_exp   | -0.08485                    | -0.07282     | -0.07014     | -0.06736     | -0.07067     | -0.08039     | -0.06347     | 0.097426   | 0.064482  |
| ra_grp_s8    | -0.08874                    | -0.05792     | -0.05679     | -0.05834     | -0.05974     | -0.07487     | -0.05401     | 0.064482   | 0.081963  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 416.2525 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 4                  | 3.740834        |  |
| 2                | 14              | 39                 | 43.029724       |  |
| 3                | 15              | 72                 | 68.017269       |  |
| 4                | 16              | 80                 | 96.374847       |  |
| 5                | 17              | 76                 | 82.634059       |  |
| 6                | 18              | 87                 | 99.415540       |  |

## **Domain Analysis for domain Imputation Number=9**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 18                 | 23.040201       |  |
| 8                | 20              | 0                  | 0.000000        |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 20.3469   | 12 | 0.0608 |  |  |

| Model Fit Statistics |                   |                                |  |  |
|----------------------|-------------------|--------------------------------|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |
| AIC                  | 1458.288          | 1461.157                       |  |  |
| sc                   | 1506.795          | 1523.523                       |  |  |
| -2 Log L             | 1444.288          | 1443.157                       |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSquare      |        |   |        |  |  |  |
| Likelihood Ratio                       | 1.1317 | 2 | 0.5679 |  |  |  |
| Score                                  | 1.0985 | 2 | 0.5774 |  |  |  |
| Wald                                   | 0.7608 | 2 | 0.6836 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.8723  | 0.6927            | 49.4777            | <.0001     |
| Intercept                                | 14 | 1  | -2.2349  | 0.2432            | 84.4802            | <.0001     |
| Intercept                                | 15 | 1  | -1.1324  | 0.2169            | 27.2664            | <.0001     |
| Intercept                                | 16 | 1  | -0.1380  | 0.2213            | 0.3889             | 0.5329     |
| Intercept                                | 17 | 1  | 0.7084   | 0.2514            | 7.9404             | 0.0048     |
| Intercept                                | 18 | 1  | 2.6744   | 0.3877            | 47.5947            | <.0001     |
| Intercept                                | 19 | 1  | 30.9129  | 0.2807            | 12127.4412         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.2055 | 0.2762 | 0.5535 | 0.4569 |
| ra_grp_s8   |  | 1 | 0.2325 | 0.2830 | 0.6750 | 0.4113 |

| Odds Ratio Estimates             |       |             |       |  |  |
|----------------------------------|-------|-------------|-------|--|--|
| Point 95% Wald Confidence Limits |       |             |       |  |  |
| ra_grp_exp                       | 1.228 | 0.715 2.110 |       |  |  |
| ra_grp_s8                        | 1.262 | 0.725       | 2.197 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 35.4 Somers' D 0.056                          |       |       |       |  |  |  |
| Percent Discordant   | 29.8  | Gamma | 0.086 |  |  |  |
| Percent Tied 34.8 Tau-a 0.045                                    |       |       |       |  |  |  |
| Pairs  | 57293 | с     | 0.528 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.479801                    | 0.07158      | 0.072504     | 0.082329     | 0.095586     | 0.079489     | 0.084095     | -0.07446   | -0.07188  |
| Intercept_14 | 0.07158                     | 0.059125     | 0.044197     | 0.040319     | 0.044107     | 0.054076     | 0.041175     | -0.04688   | -0.03775  |
| Intercept_15 | 0.072504                    | 0.044197     | 0.047029     | 0.043297     | 0.047523     | 0.057914     | 0.042015     | -0.0486    | -0.0418   |
| Intercept_16 | 0.082329                    | 0.040319     | 0.043297     | 0.048975     | 0.052078     | 0.063881     | 0.047096     | -0.04817   | -0.04866  |
| Intercept_17 | 0.095586                    | 0.044107     | 0.047523     | 0.052078     | 0.063198     | 0.080863     | 0.051426     | -0.0534    | -0.05549  |
| Intercept_18 | 0.079489                    | 0.054076     | 0.057914     | 0.063881     | 0.080863     | 0.150283     | 0.064618     | -0.06905   | -0.07925  |
| Intercept_19 | 0.084095                    | 0.041175     | 0.042015     | 0.047096     | 0.051426     | 0.064618     | 0.078797     | -0.06255   | -0.06089  |
| ra_grp_exp   | -0.07446                    | -0.04688     | -0.0486      | -0.04817     | -0.0534      | -0.06905     | -0.06255     | 0.076275   | 0.049089  |
| ra_grp_s8    | -0.07188                    | -0.03775     | -0.0418      | -0.04866     | -0.05549     | -0.07925     | -0.06089     | 0.049089   | 0.080114  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 403.0212 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.730526        |  |  |  |
| 2                | 14              | 43                 | 49.947902       |  |  |  |
| 3                | 15              | 58                 | 54.962455       |  |  |  |
| 4                | 16              | 75                 | 84.343933       |  |  |  |
| 5                | 17              | 84                 | 94.134986       |  |  |  |
| 6                | 18              | 84                 | 90.214693       |  |  |  |

## **Domain Analysis for domain Imputation Number=10**

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 7                | 19              | 18                 | 23.686734       |  |  |  |
| 8                | 20              | 0                  | 0.000000        |  |  |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |
|---|----|--------|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |
| 35.6340   | 12 | 0.0004 |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1432.299          | 1435.786                       |  |  |  |
| sc                   | 1480.806          | 1498.152                       |  |  |  |
| -2 Log L             | 1418.299          | 1417.786                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 0.5129     | 2  | 0.7738     |  |  |  |
| Score                                  | 0.4930     | 2  | 0.7815     |  |  |  |
| Wald                                   | 0.5093     | 2  | 0.7752     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.3314  | 0.4611            | 88.2334            | <.0001     |  |
| Intercept                                | 14 | 1  | -1.9241  | 0.2642            | 53.0229            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0651  | 0.2241            | 22.5944            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1590  | 0.1989            | 0.6392             | 0.4240     |  |
| Intercept                                | 17 | 1  | 0.8367   | 0.2116            | 15.6406            | <.0001     |  |
| Intercept                                | 18 | 1  | 2.6823   | 0.3604            | 55.4067            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.1215  | 0.2413            | 16639.5860         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |            |        |
|---|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp  |  | 1 | 0.0889 | 0.2472 | 0.1293     | 0.7192 |
| ra_grp_s8   |  | 1 | 0.1666 | 0.2406 | 0.4794     | 0.4887 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.093 | 0.673 | 1.774 |  |  |
| ra_grp_s8                                 | 1.181 | 0.737 | 1.893 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |
|--|-------|-----------|-------|--|--|
| Percent Concordant   | 35.1  | Somers' D | 0.040 |  |  |
| Percent Discordant   | 31.1  | Gamma     | 0.060 |  |  |
| Percent Tied   | 33.7  | Tau-a     | 0.033 |  |  |
| Pairs  | 55057 | С         | 0.520 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.212628                    | 0.069063     | 0.057232     | 0.044866     | 0.048394     | 0.064347     | 0.032761     | -0.05253   | -0.04384  |
| Intercept_14 | 0.069063                    | 0.069825     | 0.052332     | 0.041511     | 0.039615     | 0.048255     | 0.033358     | -0.04404   | -0.04052  |
| Intercept_15 | 0.057232                    | 0.052332     | 0.050205     | 0.038576     | 0.037239     | 0.051545     | 0.031623     | -0.04169   | -0.03645  |
| Intercept_16 | 0.044866                    | 0.041511     | 0.038576     | 0.039552     | 0.037612     | 0.052242     | 0.033625     | -0.03696   | -0.03788  |
| Intercept_17 | 0.048394                    | 0.039615     | 0.037239     | 0.037612     | 0.044754     | 0.063111     | 0.034276     | -0.03622   | -0.0405   |
| Intercept_18 | 0.064347                    | 0.048255     | 0.051545     | 0.052242     | 0.063111     | 0.129858     | 0.05566      | -0.05438   | -0.06177  |
| Intercept_19 | 0.032761                    | 0.033358     | 0.031623     | 0.033625     | 0.034276     | 0.05566      | 0.058207     | -0.04366   | -0.04407  |
| ra_grp_exp   | -0.05253                    | -0.04404     | -0.04169     | -0.03696     | -0.03622     | -0.05438     | -0.04366     | 0.061092   | 0.041529  |
| ra_grp_s8    | -0.04384                    | -0.04052     | -0.03645     | -0.03788     | -0.0405      | -0.06177     | -0.04407     | 0.041529   | 0.057904  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method              | Taylor Series           |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 446.5269 |

| Response Profile |                 |                    |                 |  |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |  |
| 1                | 13              | 7                  | 6.96877         |  |  |  |  |  |  |
| 2                | 14              | 40                 | 42.42545        |  |  |  |  |  |  |
| 3                | 15              | 73                 | 69.19380        |  |  |  |  |  |  |
| 4                | 16              | 86                 | 95.49414        |  |  |  |  |  |  |
| 5                | 17              | 83                 | 105.21813       |  |  |  |  |  |  |
| 6                | 18              | 88                 | 97.38003        |  |  |  |  |  |  |

## Domain Analysis for domain Imputation Number=11

| Response Profile |                 |    |          |  |  |  |  |
|------------------|-----------------|----|----------|--|--|--|--|
| Ordered<br>Value | Total<br>Weight |    |          |  |  |  |  |
| 7                | 19              | 22 | 29.84659 |  |  |  |  |
| 8                | 20              | 0  | 0.00000  |  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |  |
| 23.3105 12 0.0252                               |  |  |  |  |  |  |  |  |

| Model Fit Statistics                          |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept Intercept Criterion Only Covariates |          |          |  |  |  |  |
| AIC   | 1586.591 | 1588.439 |  |  |  |  |
| sc  | 1635.098 | 1650.805 |  |  |  |  |
| -2 Log L                                      | 1572.591 | 1570.439 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |  |
|--|--------|---|--------|--|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |  |
| Likelihood Ratio                       | 2.1528 | 2 | 0.3408 |  |  |  |  |  |
| Score                                  | 2.0181 | 2 | 0.3646 |  |  |  |  |  |
| Wald                                   | 1.1640 | 2 | 0.5588 |  |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |
| Intercept                                | 13 | 1  | -4.3560  | 0.4656            | 87.5161            | <.0001     |  |  |
| Intercept                                | 14 | 1  | -2.2959  | 0.2357            | 94.9176            | <.0001     |  |  |
| Intercept                                | 15 | 1  | -1.2295  | 0.2313            | 28.2498            | <.0001     |  |  |
| Intercept                                | 16 | 1  | -0.2951  | 0.2116            | 1.9451             | 0.1631     |  |  |
| Intercept                                | 17 | 1  | 0.7110   | 0.2483            | 8.1995             | 0.0042     |  |  |
| Intercept                                | 18 | 1  | 2.4355   | 0.3650            | 44.5166            | <.0001     |  |  |
| Intercept                                | 19 | 1  | 31.1094  | 0.2604            | 14272.1100         | <.0001     |  |  |

| Analysis of Maximum Likelihood Estimates          |  |   |        |        |        |        |  |  |
|---|--|---|--------|--------|--------|--------|--|--|
| Parameter DF Estimate Error Chi-Square Pr > ChiSo |  |   |        |        |        |        |  |  |
| ra_grp_exp  |  | 1 | 0.2885 | 0.2765 | 1.0889 | 0.2967 |  |  |
| ra_grp_s8   |  | 1 | 0.2739 | 0.3099 | 0.7815 | 0.3767 |  |  |

| Odds Ratio Estimates                      |       |             |       |  |  |  |  |
|---|-------|-------------|-------|--|--|--|--|
| Point 95% Wald Estimate Confidence Limits |       |             |       |  |  |  |  |
| ra_grp_exp                                | 1.334 | 0.776 2.294 |       |  |  |  |  |
| ra_grp_s8                                 | 1.315 | 0.716       | 2.414 |  |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |  |  |
|--|-------|---|-------|--|--|--|--|--|--|
| Percent Concordant 22.1 Somers' D 0.047                          |       |   |       |  |  |  |  |  |  |
| Percent Discordant 17.4 Gamma 0.119                              |       |   |       |  |  |  |  |  |  |
| Percent Tied 60.5 Tau-a 0.038                                    |       |   |       |  |  |  |  |  |  |
| Pairs  | 64855 | С | 0.523 |  |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |  |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|--|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |  |
| Intercept_13 | 0.216817                    | 0.060922     | 0.060086     | 0.057277     | 0.056176     | 0.06294      | 0.058461     | -0.06454   | -0.05861  |  |
| Intercept_14 | 0.060922                    | 0.055536     | 0.047432     | 0.041049     | 0.046605     | 0.059178     | 0.041178     | -0.04621   | -0.05514  |  |
| Intercept_15 | 0.060086                    | 0.047432     | 0.053515     | 0.044843     | 0.049258     | 0.063236     | 0.040114     | -0.04726   | -0.0583   |  |
| Intercept_16 | 0.057277                    | 0.041049     | 0.044843     | 0.044761     | 0.047373     | 0.057261     | 0.042473     | -0.04516   | -0.05107  |  |
| Intercept_17 | 0.056176                    | 0.046605     | 0.049258     | 0.047373     | 0.061653     | 0.078726     | 0.051295     | -0.05428   | -0.06409  |  |
| Intercept_18 | 0.06294                     | 0.059178     | 0.063236     | 0.057261     | 0.078726     | 0.133246     | 0.063922     | -0.06985   | -0.09197  |  |
| Intercept_19 | 0.058461                    | 0.041178     | 0.040114     | 0.042473     | 0.051295     | 0.063922     | 0.06781      | -0.05902   | -0.05703  |  |
| ra_grp_exp   | -0.06454                    | -0.04621     | -0.04726     | -0.04516     | -0.05428     | -0.06985     | -0.05902     | 0.076443   | 0.055427  |  |
| ra_grp_s8    | -0.05861                    | -0.05514     | -0.0583      | -0.05107     | -0.06409     | -0.09197     | -0.05703     | 0.055427   | 0.096031  |  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 410.6974 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 5                  | 4.05545         |  |  |  |
| 2                | 14              | 41                 | 50.82455        |  |  |  |
| 3                | 15              | 57                 | 53.44301        |  |  |  |
| 4                | 16              | 77                 | 90.13121        |  |  |  |
| 5                | 17              | 74                 | 90.90477        |  |  |  |
| 6                | 18              | 88                 | 101.80240       |  |  |  |

## **Domain Analysis for domain Imputation Number=12**

| Response Profile   |    |    |          |  |  |  |
|--|----|----|----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weight |    |    |          |  |  |  |
| 7  | 19 | 17 | 19.53598 |  |  |  |
| 8  | 20 | 0  | 0.00000  |  |  |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 27.0339   | 12 | 0.0076 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1432.365 | 1434.910 |  |  |  |  |
| sc                                      | 1480.872 | 1497.276 |  |  |  |  |
| -2 Log L                                | 1418.365 | 1416.910 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 1.4552 | 2 | 0.4831 |  |  |  |  |
| Score                                  | 1.3029 | 2 | 0.5213 |  |  |  |  |
| Wald                                   | 0.6858 | 2 | 0.7097 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.8091  | 0.5692            | 71.3863            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0721  | 0.3782            | 30.0146            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.2316  | 0.3113            | 15.6506            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.2733  | 0.2951            | 0.8573             | 0.3545     |  |
| Intercept                                | 17 | 1  | 0.6671   | 0.2950            | 5.1152             | 0.0237     |  |
| Intercept                                | 18 | 1  | 2.8046   | 0.4421            | 40.2468            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0527  | 0.2921            | 11305.1277         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates         |  |   |        |        |        |        |
|--|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Error Chi-Square Pr > ChiS |  |   |        |        |        |        |
| ra_grp_exp                                       |  | 1 | 0.2862 | 0.3468 | 0.6812 | 0.4092 |
| ra_grp_s8  |  | 1 | 0.2107 | 0.3227 | 0.4261 | 0.5139 |

| Odds Ratio Estimates             |       |       |       |  |
|----------------------------------|-------|-------|-------|--|
| Point 95% Wald Confidence Limits |       |       |       |  |
| ra_grp_exp                       | 1.331 | 0.675 | 2.627 |  |
| ra_grp_s8                        | 1.234 | 0.656 | 2.324 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |
|--|-------|---|-------|--|--|
| Percent Concordant 36.6 Somers' D 0.078                          |       |   |       |  |  |
| Percent Discordant 28.8 Gamma 0.119                              |       |   |       |  |  |
| Percent Tied 34.7 Tau-a 0.063                                    |       |   |       |  |  |
| Pairs  | 52244 | С | 0.539 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.323978                    | 0.127837     | 0.114993     | 0.095949     | 0.089643     | 0.120056     | 0.071526     | -0.11556   | -0.11216  |
| Intercept_14 | 0.127837                    | 0.143052     | 0.111161     | 0.094616     | 0.081017     | 0.106061     | 0.068512     | -0.10229   | -0.09652  |
| Intercept_15 | 0.114993                    | 0.111161     | 0.096923     | 0.084522     | 0.078246     | 0.099907     | 0.06686      | -0.09478   | -0.08678  |
| Intercept_16 | 0.095949                    | 0.094616     | 0.084522     | 0.087098     | 0.078841     | 0.096389     | 0.068119     | -0.08744   | -0.08031  |
| Intercept_17 | 0.089643                    | 0.081017     | 0.078246     | 0.078841     | 0.087006     | 0.10808      | 0.072122     | -0.08889   | -0.07796  |
| Intercept_18 | 0.120056                    | 0.106061     | 0.099907     | 0.096389     | 0.10808      | 0.195437     | 0.095687     | -0.11215   | -0.10729  |
| Intercept_19 | 0.071526                    | 0.068512     | 0.06686      | 0.068119     | 0.072122     | 0.095687     | 0.085295     | -0.08649   | -0.07332  |
| ra_grp_exp   | -0.11556                    | -0.10229     | -0.09478     | -0.08744     | -0.08889     | -0.11215     | -0.08649     | 0.120274   | 0.093551  |
| ra_grp_s8    | -0.11216                    | -0.09652     | -0.08678     | -0.08031     | -0.07796     | -0.10729     | -0.07332     | 0.093551   | 0.104135  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 410.0746 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 5                  | 5.248586        |  |
| 2                | 14              | 43                 | 49.488247       |  |
| 3                | 15              | 58                 | 56.890192       |  |
| 4                | 16              | 86                 | 95.338859       |  |
| 5                | 17              | 81                 | 91.129899       |  |
| 6                | 18              | 79                 | 86.378249       |  |

## **Domain Analysis for domain Imputation Number=13**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 18                 | 25.600571       |  |
| 8                | 20              | 0                  | 0.000000        |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 33.3411   | 12 | 0.0009 |  |  |

| Model Fit Statistics |                   |                                |  |  |
|----------------------|-------------------|--------------------------------|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |
| AIC                  | 1457.200          | 1461.116                       |  |  |
| sc                   | 1505.707          | 1523.482                       |  |  |
| -2 Log L             | 1443.200          | 1443.116                       |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiS           |        |   |        |  |  |  |
| Likelihood Ratio                       | 0.0841 | 2 | 0.9588 |  |  |  |
| Score                                  | 0.0784 | 2 | 0.9615 |  |  |  |
| Wald                                   | 0.0518 | 2 | 0.9744 |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |
|--|----|----|----------|-------------------|--------------------|------------|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |
| Intercept                                | 13 | 1  | -4.3862  | 0.4884            | 80.6653            | <.0001     |
| Intercept                                | 14 | 1  | -1.9118  | 0.2832            | 45.5842            | <.0001     |
| Intercept                                | 15 | 1  | -1.0253  | 0.2479            | 17.1057            | <.0001     |
| Intercept                                | 16 | 1  | -0.0233  | 0.2391            | 0.0095             | 0.9225     |
| Intercept                                | 17 | 1  | 0.9377   | 0.2480            | 14.2922            | 0.0002     |
| Intercept                                | 18 | 1  | 2.6689   | 0.3812            | 49.0163            | <.0001     |
| Intercept                                | 19 | 1  | 31.1860  | 0.2322            | 18043.8412         | <.0001     |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.0624 | 0.2744 | 0.0518 | 0.8200 |
| ra_grp_s8   |  | 1 | 0.0499 | 0.2972 | 0.0282 | 0.8665 |

| Odds Ratio Estimates                             |       |             |       |  |  |  |
|--|-------|-------------|-------|--|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |             |       |  |  |  |
| ra_grp_exp                                       | 1.064 | 0.622 1.823 |       |  |  |  |
| ra_grp_s8  | 1.051 | 0.587       | 1.882 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |
|--|-------|-------|-------|--|--|--|
| Percent Concordant 35.5 Somers' D 0.04                           |       |       |       |  |  |  |
| Percent Discordant   | 31.1  | Gamma | 0.066 |  |  |  |
| Percent Tied 33.5 Tau-a 0.036                                    |       |       |       |  |  |  |
| Pairs  | 55570 | с     | 0.522 |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.238498                    | 0.051964     | 0.04606      | 0.058093     | 0.063385     | 0.056619     | 0.048758     | -0.05017   | -0.07219  |
| Intercept_14 | 0.051964                    | 0.08018      | 0.062969     | 0.056059     | 0.057082     | 0.07306      | 0.045512     | -0.05992   | -0.06037  |
| Intercept_15 | 0.04606                     | 0.062969     | 0.061452     | 0.054209     | 0.053662     | 0.068101     | 0.036907     | -0.05512   | -0.05664  |
| Intercept_16 | 0.058093                    | 0.056059     | 0.054209     | 0.057169     | 0.056213     | 0.065779     | 0.03888      | -0.05593   | -0.05693  |
| Intercept_17 | 0.063385                    | 0.057082     | 0.053662     | 0.056213     | 0.061518     | 0.071946     | 0.041132     | -0.05569   | -0.06173  |
| Intercept_18 | 0.056619                    | 0.07306      | 0.068101     | 0.065779     | 0.071946     | 0.145324     | 0.053561     | -0.06572   | -0.07986  |
| Intercept_19 | 0.048758                    | 0.045512     | 0.036907     | 0.03888      | 0.041132     | 0.053561     | 0.0539       | -0.04858   | -0.04989  |
| ra_grp_exp   | -0.05017                    | -0.05992     | -0.05512     | -0.05593     | -0.05569     | -0.06572     | -0.04858     | 0.075302   | 0.058935  |
| ra_grp_s8    | -0.07219                    | -0.06037     | -0.05664     | -0.05693     | -0.06173     | -0.07986     | -0.04989     | 0.058935   | 0.088322  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 385.5345 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 8                  | 9.190764        |  |  |  |
| 2                | 14              | 36                 | 41.017463       |  |  |  |
| 3                | 15              | 59                 | 56.207474       |  |  |  |
| 4                | 16              | 72                 | 77.583230       |  |  |  |
| 5                | 17              | 80                 | 91.560316       |  |  |  |
| 6                | 18              | 71                 | 81.522098       |  |  |  |

## **Domain Analysis for domain Imputation Number=14**

| Response Profile |    |    |           |  |  |  |
|------------------|----|----|-----------|--|--|--|
| Ordered<br>Value |    |    |           |  |  |  |
| 7                | 19 | 21 | 28.453141 |  |  |  |
| 8                | 20 | 0  | 0.000000  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 37.3522   | 12 | 0.0002     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |  |
| AIC                  | 1396.641          | 1398.785                       |  |  |  |  |
| sc                   | 1445.148          | 1461.151                       |  |  |  |  |
| -2 Log L             | 1382.641          | 1380.785                       |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 1.8560 | 2 | 0.3954 |  |  |  |  |
| Score                                  | 1.6808 | 2 | 0.4315 |  |  |  |  |
| Wald                                   | 1.0613 | 2 | 0.5882 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -3.9475  | 0.5092            | 60.0930            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.1356  | 0.3069            | 48.4176            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.2017  | 0.2919            | 16.9532            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.3281  | 0.2912            | 1.2693             | 0.2599     |  |
| Intercept                                | 17 | 1  | 0.6861   | 0.3138            | 4.7810             | 0.0288     |  |
| Intercept                                | 18 | 1  | 2.3066   | 0.3901            | 34.9545            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9622  | 0.3128            | 9800.0781          | <.0001     |  |

| Analysis of Maximum Likelihood Estimates            |  |   |        |        |            |        |
|---|--|---|--------|--------|------------|--------|
| Parameter DF Estimate Standard Chi-Square Pr > ChiS |  |   |        |        | Pr > ChiSq |        |
| ra_grp_exp  |  | 1 | 0.3233 | 0.3144 | 1.0574     | 0.3038 |
| ra_grp_s8   |  | 1 | 0.2610 | 0.3358 | 0.6039     | 0.4371 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.382 | 0.746 | 2.559 |  |  |
| ra_grp_s8                                 | 1.298 | 0.672 | 2.507 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 36.6  | Somers' D | 0.073 |  |  |  |
| Percent Discordant   | 29.3  | Gamma     | 0.111 |  |  |  |
| Percent Tied   | 34.1  | Tau-a     | 0.060 |  |  |  |
| Pairs  | 49251 | с         | 0.537 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.259317     | 0.116046     | 0.111757     | 0.126861     | 0.125736     | 0.132091     | 0.127553     | -0.11918   | -0.13683  |
| Intercept_14                | 0.116046     | 0.094197     | 0.083452     | 0.079103     | 0.07636      | 0.084312     | 0.075869     | -0.08222   | -0.08214  |
| Intercept_15                | 0.111757     | 0.083452     | 0.085183     | 0.079424     | 0.080543     | 0.088449     | 0.073828     | -0.0829    | -0.07814  |
| Intercept_16                | 0.126861     | 0.079103     | 0.079424     | 0.084822     | 0.083858     | 0.086515     | 0.075421     | -0.08244   | -0.07705  |
| Intercept_17                | 0.125736     | 0.07636      | 0.080543     | 0.083858     | 0.098457     | 0.105923     | 0.080963     | -0.08382   | -0.08705  |
| Intercept_18                | 0.132091     | 0.084312     | 0.088449     | 0.086515     | 0.105923     | 0.152214     | 0.093852     | -0.08989   | -0.1092   |
| Intercept_19                | 0.127553     | 0.075869     | 0.073828     | 0.075421     | 0.080963     | 0.093852     | 0.097821     | -0.08489   | -0.08699  |
| ra_grp_exp                  | -0.11918     | -0.08222     | -0.0829      | -0.08244     | -0.08382     | -0.08989     | -0.08489     | 0.098868   | 0.075307  |
| ra_grp_s8                   | -0.13683     | -0.08214     | -0.07814     | -0.07705     | -0.08705     | -0.1092      | -0.08699     | 0.075307   | 0.112754  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method Taylor Serie |                         |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 417.0559 |

| Response Profile |                 |                    |                 |  |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |  |
| 1                | 13              | 6                  | 6.035570        |  |  |  |  |  |  |
| 2                | 14              | 42                 | 46.636176       |  |  |  |  |  |  |
| 3                | 15              | 73                 | 67.747772       |  |  |  |  |  |  |
| 4                | 16              | 79                 | 90.982769       |  |  |  |  |  |  |
| 5                | 17              | 79                 | 85.226571       |  |  |  |  |  |  |
| 6                | 18              | 85                 | 96.357147       |  |  |  |  |  |  |

## **Domain Analysis for domain Imputation Number=15**

| Response Profile |                    |                 |           |  |  |  |  |
|------------------|--------------------|-----------------|-----------|--|--|--|--|
| Ordered<br>Value | Total<br>Frequency | Total<br>Weight |           |  |  |  |  |
| 7                | 19                 | 19              | 24.069873 |  |  |  |  |
| 8                | 20                 | 0               | 0.000000  |  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |
| 21.7117 12 0.0409                               |  |  |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |  |
|---|----------|----------|--|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |  |
| AIC                                     | 1483.106 | 1482.601 |  |  |  |  |  |
| sc                                      | 1531.613 | 1544.967 |  |  |  |  |  |
| -2 Log L                                | 1469.106 | 1464.601 |  |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |  |  |
|--|--------|---|--------|--|--|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |  |  |
| Likelihood Ratio                       | 4.5053 | 2 | 0.1051 |  |  |  |  |  |  |
| Score                                  | 4.4450 | 2 | 0.1083 |  |  |  |  |  |  |
| Wald                                   | 2.7922 | 2 | 0.2476 |  |  |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |  |
| Intercept                                | 13 | 1  | -4.4487  | 0.5016            | 78.6483            | <.0001     |  |  |  |
| Intercept                                | 14 | 1  | -2.1597  | 0.2732            | 62.4843            | <.0001     |  |  |  |
| Intercept                                | 15 | 1  | -1.1210  | 0.2540            | 19.4752            | <.0001     |  |  |  |
| Intercept                                | 16 | 1  | -0.1883  | 0.2723            | 0.4784             | 0.4891     |  |  |  |
| Intercept                                | 17 | 1  | 0.6887   | 0.2807            | 6.0206             | 0.0141     |  |  |  |
| Intercept                                | 18 | 1  | 2.5926   | 0.3701            | 49.0690            | <.0001     |  |  |  |
| Intercept                                | 19 | 1  | 31.0468  | 0.2694            | 13277.4879         | <.0001     |  |  |  |

| Analysis of Maximum Likelihood Estimates                 |  |   |        |        |        |        |  |  |  |
|--|--|---|--------|--------|--------|--------|--|--|--|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiS |  |   |        |        |        |        |  |  |  |
| ra_grp_exp   |  | 1 | 0.1453 | 0.2824 | 0.2648 | 0.6068 |  |  |  |
| ra_grp_s8  |  | 1 | 0.4724 | 0.3180 | 2.2065 | 0.1374 |  |  |  |

| Odds Ratio Estimates                      |       |            |       |  |  |  |
|---|-------|------------|-------|--|--|--|
| Point 95% Wald Estimate Confidence Limits |       |            |       |  |  |  |
| ra_grp_exp                                | 1.156 | 0.665 2.01 |       |  |  |  |
| ra_grp_s8                                 | 1.604 | 0.860      | 2.991 |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |       |       |  |  |  |  |  |  |
|--|-------|-------|-------|--|--|--|--|--|--|
| Percent Concordant 37.5 Somers' D 0.098                          |       |       |       |  |  |  |  |  |  |
| Percent Discordant   | 27.7  | Gamma | 0.150 |  |  |  |  |  |  |
| Percent Tied 34.7 Tau-a 0.08                                     |       |       |       |  |  |  |  |  |  |
| Pairs  | 59746 | С     | 0.549 |  |  |  |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |  |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|--|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |  |
| Intercept_13                | 0.251639     | 0.07764      | 0.085296     | 0.100463     | 0.095439     | 0.088503     | 0.081212     | -0.09109   | -0.09265  |  |
| Intercept_14                | 0.07764      | 0.074646     | 0.061691     | 0.058301     | 0.059565     | 0.063372     | 0.043627     | -0.05559   | -0.06868  |  |
| Intercept_15                | 0.085296     | 0.061691     | 0.064526     | 0.063695     | 0.063253     | 0.069026     | 0.050333     | -0.06003   | -0.06846  |  |
| Intercept_16                | 0.100463     | 0.058301     | 0.063695     | 0.074134     | 0.072517     | 0.0733       | 0.059231     | -0.06546   | -0.07464  |  |
| Intercept_17                | 0.095439     | 0.059565     | 0.063253     | 0.072517     | 0.078776     | 0.079876     | 0.06029      | -0.06703   | -0.07599  |  |
| Intercept_18                | 0.088503     | 0.063372     | 0.069026     | 0.0733       | 0.079876     | 0.136984     | 0.06647      | -0.06495   | -0.08643  |  |
| Intercept_19                | 0.081212     | 0.043627     | 0.050333     | 0.059231     | 0.06029      | 0.06647      | 0.072597     | -0.06597   | -0.06113  |  |
| ra_grp_exp                  | -0.09109     | -0.05559     | -0.06003     | -0.06546     | -0.06703     | -0.06495     | -0.06597     | 0.079723   | 0.063708  |  |
| ra_grp_s8                   | -0.09265     | -0.06868     | -0.06846     | -0.07464     | -0.07599     | -0.08643     | -0.06113     | 0.063708   | 0.101133  |  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 398.3796 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 7                  | 5.737662        |  |  |  |
| 2                | 14              | 42                 | 48.917416       |  |  |  |
| 3                | 15              | 71                 | 64.212368       |  |  |  |
| 4                | 16              | 82                 | 91.292503       |  |  |  |
| 5                | 17              | 85                 | 89.943707       |  |  |  |
| 6                | 18              | 76                 | 77.435814       |  |  |  |

## **Domain Analysis for domain Imputation Number=16**

| Response Profile  |    |    |           |  |  |  |
|---|----|----|-----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weigh |    |    |           |  |  |  |
| 7   | 19 | 18 | 20.840156 |  |  |  |
| 8   | 20 | 0  | 0.000000  |  |  |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 36.9383   | 12 | 0.0002 |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |
|---|----------|----------|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |
| AIC                                     | 1415.621 | 1417.130 |  |  |  |  |
| sc                                      | 1464.128 | 1479.496 |  |  |  |  |
| -2 Log L                                | 1401.621 | 1399.130 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 2.4910 | 2 | 0.2878 |  |  |  |  |
| Score                                  | 2.3141 | 2 | 0.3144 |  |  |  |  |
| Wald                                   | 1.9289 | 2 | 0.3812 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.4623  | 0.4021            | 123.1256           | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0772  | 0.2773            | 56.1268            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0985  | 0.2406            | 20.8506            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1331  | 0.2461            | 0.2923             | 0.5887     |  |
| Intercept                                | 17 | 1  | 0.8842   | 0.2723            | 10.5410            | 0.0012     |  |
| Intercept                                | 18 | 1  | 2.6781   | 0.4005            | 44.7232            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9949  | 0.2773            | 12494.4366         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSo |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.3643 | 0.2784 | 1.7126 | 0.1906 |
| ra_grp_s8   |  | 1 | 0.2279 | 0.3070 | 0.5508 | 0.4580 |

| Odds Ratio Estimates                             |       |       |       |  |
|--|-------|-------|-------|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |       |       |  |
| ra_grp_exp                                       | 1.440 | 0.834 | 2.484 |  |
| ra_grp_s8  | 1.256 | 0.688 | 2.293 |  |

| Association of Predicted Probabilities and<br>Observed Responses |  |  |  |  |  |
|--|--|--|--|--|--|
| Percent Concordant 36.7 Somers' D 0.073                          |  |  |  |  |  |
| Percent Discordant 29.5 Gamma 0.110                              |  |  |  |  |  |
| Percent Tied 33.8 Tau-a 0.059                                    |  |  |  |  |  |
| <b>Pairs</b> 59129 <b>c</b> 0.536                                |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.16172                     | 0.047162     | 0.048332     | 0.044111     | 0.049385     | 0.064242     | 0.047828     | -0.05334   | -0.05509  |
| Intercept_14 | 0.047162                    | 0.076872     | 0.060574     | 0.053743     | 0.054031     | 0.069137     | 0.050931     | -0.05732   | -0.06141  |
| Intercept_15 | 0.048332                    | 0.060574     | 0.057871     | 0.05353      | 0.054973     | 0.069471     | 0.04768      | -0.05646   | -0.05627  |
| Intercept_16 | 0.044111                    | 0.053743     | 0.05353      | 0.060589     | 0.062147     | 0.072973     | 0.053848     | -0.05884   | -0.05861  |
| Intercept_17 | 0.049385                    | 0.054031     | 0.054973     | 0.062147     | 0.074161     | 0.086271     | 0.061097     | -0.06509   | -0.06414  |
| Intercept_18 | 0.064242                    | 0.069137     | 0.069471     | 0.072973     | 0.086271     | 0.160367     | 0.077267     | -0.07982   | -0.09112  |
| Intercept_19 | 0.047828                    | 0.050931     | 0.04768      | 0.053848     | 0.061097     | 0.077267     | 0.076889     | -0.06582   | -0.06867  |
| ra_grp_exp   | -0.05334                    | -0.05732     | -0.05646     | -0.05884     | -0.06509     | -0.07982     | -0.06582     | 0.077499   | 0.067233  |
| ra_grp_s8    | -0.05509                    | -0.06141     | -0.05627     | -0.05861     | -0.06414     | -0.09112     | -0.06867     | 0.067233   | 0.094277  |

| Domain Summary                         |        |  |
|--|--------|--|
| Number of Observations                 | 73420  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |
| Number of Observations in Domain       | 3028   |  |
| Number of Observations not in Domain   | 57532  |  |
| Sum of Weights in Domain               | 3661.5 |  |

|                           | Model Information        |   |  |  |  |
|---------------------------|--------------------------|---|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |

| Variance Estimation  |                         |  |  |
|----------------------|-------------------------|--|--|
| Method Taylor Series |                         |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 456.8442 |

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 1                | 13              | 9                  | 8.58731         |  |
| 2                | 14              | 47                 | 53.19455        |  |
| 3                | 15              | 74                 | 71.61829        |  |
| 4                | 16              | 90                 | 96.65479        |  |
| 5                | 17              | 82                 | 93.62213        |  |
| 6                | 18              | 93                 | 106.02186       |  |

## **Domain Analysis for domain Imputation Number=17**

| Response Profile |                 |                    |                 |  |
|------------------|-----------------|--------------------|-----------------|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |
| 7                | 19              | 17                 | 27.14532        |  |
| 8                | 20              | 0                  | 0.00000         |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |
|---|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |
|---|----|--------|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |
| 49.1566   | 12 | <.0001 |  |  |

| Model Fit Statistics |                   |                                |  |  |
|----------------------|-------------------|--------------------------------|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |
| AIC                  | 1636.493          | 1637.047                       |  |  |
| sc                   | 1685.000          | 1699.413                       |  |  |
| -2 Log L             | 1622.493          | 1619.047                       |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |
|--|--------|---|--------|--|--|--|
| Test Chi-Square DF Pr > ChiSc          |        |   |        |  |  |  |
| Likelihood Ratio                       | 3.4454 | 2 | 0.1786 |  |  |  |
| Score                                  | 3.2871 | 2 | 0.1933 |  |  |  |
| Wald                                   | 2.0699 | 2 | 0.3552 |  |  |  |

|           | Analysis of Maximum Likelihood Estimates |    |          |                   |                    |            |  |
|-----------|--|----|----------|-------------------|--------------------|------------|--|
| Parameter |  | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept | 13                                       | 1  | -4.1722  | 0.4557            | 83.8214            | <.0001     |  |
| Intercept | 14                                       | 1  | -2.0706  | 0.2310            | 80.3184            | <.0001     |  |
| Intercept | 15                                       | 1  | -1.0974  | 0.2131            | 26.5245            | <.0001     |  |
| Intercept | 16                                       | 1  | -0.1977  | 0.1960            | 1.0181             | 0.3130     |  |
| Intercept | 17                                       | 1  | 0.6761   | 0.2330            | 8.4161             | 0.0037     |  |
| Intercept | 18                                       | 1  | 2.5610   | 0.3614            | 50.2126            | <.0001     |  |
| Intercept | 19                                       | 1  | 31.1565  | 0.2234            | 19442.5883         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |   |   |        |        |        |        |
|---|---|---|--------|--------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |   |   |        |        |        |        |
| ra_grp_exp  |   | 1 | 0.1791 | 0.2321 | 0.5958 | 0.4402 |
| ra_grp_s8   | ra_grp_s8 1 0.4052 0.2824 2.0593 0.1513 |   |        |        |        |        |

| Odds Ratio Estimates                             |       |             |       |  |  |
|--|-------|-------------|-------|--|--|
| Point 95% Wald Effect Estimate Confidence Limits |       |             |       |  |  |
| ra_grp_exp                                       | 1.196 | 0.759 1.885 |       |  |  |
| ra_grp_s8  | 1.500 | 0.862       | 2.608 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |   |       |  |  |  |  |
|--|-------|---|-------|--|--|--|--|
| Percent Concordant 36.4 Somers' D 0.063                          |       |   |       |  |  |  |  |
| Percent Discordant 30.1 Gamma 0.09                               |       |   |       |  |  |  |  |
| Percent Tied 33.5 Tau-a 0.051                                    |       |   |       |  |  |  |  |
| Pairs  | 69108 | С | 0.532 |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.207673                    | 0.054044     | 0.056482     | 0.057179     | 0.058076     | 0.049572     | 0.04831      | -0.05441   | -0.05842  |
| Intercept_14 | 0.054044                    | 0.053381     | 0.04215      | 0.035723     | 0.036475     | 0.046239     | 0.02678      | -0.03907   | -0.03634  |
| Intercept_15 | 0.056482                    | 0.04215      | 0.0454       | 0.037917     | 0.03932      | 0.04757      | 0.026898     | -0.03674   | -0.03717  |
| Intercept_16 | 0.057179                    | 0.035723     | 0.037917     | 0.038405     | 0.041908     | 0.048467     | 0.028487     | -0.03369   | -0.03882  |
| Intercept_17 | 0.058076                    | 0.036475     | 0.03932      | 0.041908     | 0.054312     | 0.066063     | 0.036969     | -0.04051   | -0.0495   |
| Intercept_18 | 0.049572                    | 0.046239     | 0.04757      | 0.048467     | 0.066063     | 0.130616     | 0.053492     | -0.05485   | -0.07736  |
| Intercept_19 | 0.04831                     | 0.02678      | 0.026898     | 0.028487     | 0.036969     | 0.053492     | 0.049928     | -0.03856   | -0.04814  |
| ra_grp_exp   | -0.05441                    | -0.03907     | -0.03674     | -0.03369     | -0.04051     | -0.05485     | -0.03856     | 0.053848   | 0.039031  |
| ra_grp_s8    | -0.05842                    | -0.03634     | -0.03717     | -0.03882     | -0.0495      | -0.07736     | -0.04814     | 0.039031   | 0.079735  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |
|----------------------|-------------------------|--|--|--|
| Method Taylor Series |                         |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 424.7705 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.66558         |  |  |  |
| 2                | 14              | 38                 | 44.19562        |  |  |  |
| 3                | 15              | 59                 | 57.65013        |  |  |  |
| 4                | 16              | 77                 | 92.23252        |  |  |  |
| 5                | 17              | 89                 | 108.28871       |  |  |  |
| 6                | 18              | 81                 | 93.03125        |  |  |  |

## **Domain Analysis for domain Imputation Number=18**

| Response Profile  |    |    |          |  |  |  |
|---|----|----|----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weigh |    |    |          |  |  |  |
| 7   | 19 | 19 | 23.70666 |  |  |  |
| 8   | 20 | 0  | 0.00000  |  |  |  |

# Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |    |            |  |  |  |  |
|---|----|------------|--|--|--|--|
| Chi-Square                                      | DF | Pr > ChiSq |  |  |  |  |
| 21.1476   | 12 | 0.0483     |  |  |  |  |

| Model Fit Statistics |                   |                                |  |  |  |
|----------------------|-------------------|--------------------------------|--|--|--|
| Criterion            | Intercept<br>Only | Intercept<br>and<br>Covariates |  |  |  |
| AIC                  | 1490.324          | 1493.945                       |  |  |  |
| sc                   | 1538.831          | 1556.311                       |  |  |  |
| -2 Log L             | 1476.324          | 1475.945                       |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |            |    |            |  |  |  |
|--|------------|----|------------|--|--|--|
| Test                                   | Chi-Square | DF | Pr > ChiSq |  |  |  |
| Likelihood Ratio                       | 0.3791     | 2  | 0.8273     |  |  |  |
| Score                                  | 0.3856     | 2  | 0.8246     |  |  |  |
| Wald                                   | 0.3095     | 2  | 0.8566     |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.3398  | 0.4438            | 95.6304            | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0540  | 0.2662            | 59.5457            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.1190  | 0.2390            | 21.9297            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1554  | 0.2468            | 0.3963             | 0.5290     |  |
| Intercept                                | 17 | 1  | 0.9352   | 0.2567            | 13.2730            | 0.0003     |  |
| Intercept                                | 18 | 1  | 2.7942   | 0.4238            | 43.4711            | <.0001     |  |
| Intercept                                | 19 | 1  | 31.0536  | 0.2453            | 16030.6338         | <.0001     |  |

| Analysis of Maximum Likelihood Estimates                  |  |   |         |            |        |        |
|---|--|---|---------|------------|--------|--------|
| Parameter DF Estimate Standard Wald Chi-Square Pr > ChiSq |  |   |         | Pr > ChiSq |        |        |
| ra_grp_exp  |  | 1 | 0.0961  | 0.2536     | 0.1436 | 0.7047 |
| ra_grp_s8   |  | 1 | -0.0168 | 0.2928     | 0.0033 | 0.9543 |

| Odds Ratio Estimates                      |       |       |       |  |  |
|---|-------|-------|-------|--|--|
| Point 95% Wald Estimate Confidence Limits |       |       |       |  |  |
| ra_grp_exp                                | 1.101 | 0.670 | 1.810 |  |  |
| ra_grp_s8                                 | 0.983 | 0.554 | 1.746 |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |  |
|--|-------|-----------|-------|--|--|--|
| Percent Concordant   | 34.7  | Somers' D | 0.035 |  |  |  |
| Percent Discordant   | 31.1  | Gamma     | 0.053 |  |  |  |
| Percent Tied   | 34.2  | Tau-a     | 0.029 |  |  |  |
| Pairs  | 55214 | С         | 0.518 |  |  |  |

| Estimated Covariance Matrix |              |              |              |              |              |              |              |            |           |
|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter                   | Intercept_13 | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13                | 0.196944     | 0.056392     | 0.055        | 0.047033     | 0.057406     | 0.085003     | 0.041726     | -0.03424   | -0.06894  |
| Intercept_14                | 0.056392     | 0.070851     | 0.056132     | 0.049846     | 0.04669      | 0.073067     | 0.033544     | -0.0438    | -0.04892  |
| Intercept_15                | 0.055        | 0.056132     | 0.057098     | 0.05316      | 0.05127      | 0.078768     | 0.036041     | -0.04386   | -0.05464  |
| Intercept_16                | 0.047033     | 0.049846     | 0.05316      | 0.060896     | 0.055608     | 0.079645     | 0.041466     | -0.04544   | -0.05631  |
| Intercept_17                | 0.057406     | 0.04669      | 0.05127      | 0.055608     | 0.065888     | 0.094509     | 0.044535     | -0.04891   | -0.05827  |
| Intercept_18                | 0.085003     | 0.073067     | 0.078768     | 0.079645     | 0.094509     | 0.179605     | 0.070576     | -0.08263   | -0.09792  |
| Intercept_19                | 0.041726     | 0.033544     | 0.036041     | 0.041466     | 0.044535     | 0.070576     | 0.060155     | -0.04716   | -0.0547   |
| ra_grp_exp                  | -0.03424     | -0.0438      | -0.04386     | -0.04544     | -0.04891     | -0.08263     | -0.04716     | 0.06431    | 0.048855  |
| ra_grp_s8                   | -0.06894     | -0.04892     | -0.05464     | -0.05631     | -0.05827     | -0.09792     | -0.0547      | 0.048855   | 0.085721  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

|                           | Model Information        |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Method Taylor Serie |                         |  |  |  |
| Variance Adjustment | Degrees of Freedom (DF) |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 427.201  |

| Response Profile |                 |                    |                 |  |  |  |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |  |  |  |
| 1                | 13              | 4                  | 3.18314         |  |  |  |  |  |  |
| 2                | 14              | 41                 | 47.71645        |  |  |  |  |  |  |
| 3                | 15              | 67                 | 67.30634        |  |  |  |  |  |  |
| 4                | 16              | 88                 | 97.17493        |  |  |  |  |  |  |
| 5                | 17              | 79                 | 90.04791        |  |  |  |  |  |  |
| 6                | 18              | 88                 | 102.31034       |  |  |  |  |  |  |

## **Domain Analysis for domain Imputation Number=19**

| Response Profile                                |    |    |          |  |  |  |  |
|---|----|----|----------|--|--|--|--|
| Ordered Total Value f_mh_pts_rec_yt Frequency W |    |    |          |  |  |  |  |
| 7   | 19 | 17 | 19.46189 |  |  |  |  |
| 8   | 20 | 0  | 0.00000  |  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |
|---|
| Convergence criterion (GCONV=1E-8) satisfied. |

| Score Test for the Proportional Odds Assumption |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |  |  |  |  |  |  |  |
| 20.2852 12 0.0619                               |  |  |  |  |  |  |  |

| Model Fit Statistics                    |          |          |  |  |  |  |  |
|---|----------|----------|--|--|--|--|--|
| Intercept and Criterion Only Covariates |          |          |  |  |  |  |  |
| AIC                                     | 1483.998 | 1486.775 |  |  |  |  |  |
| sc                                      | 1532.505 | 1549.142 |  |  |  |  |  |
| -2 Log L                                | 1469.998 | 1468.775 |  |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |  |
|--|--------|---|--------|--|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |  |
| Likelihood Ratio                       | 1.2225 | 2 | 0.5427 |  |  |  |  |  |
| Score                                  | 1.1534 | 2 | 0.5618 |  |  |  |  |  |
| Wald                                   | 0.7215 | 2 | 0.6972 |  |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |  |  |
|--|----|----|----------|-------------------|--------------------|------------|--|--|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |  |  |
| Intercept                                | 13 | 1  | -5.0481  | 0.5570            | 82.1354            | <.0001     |  |  |  |
| Intercept                                | 14 | 1  | -2.1583  | 0.2864            | 56.7779            | <.0001     |  |  |  |
| Intercept                                | 15 | 1  | -1.1190  | 0.2258            | 24.5497            | <.0001     |  |  |  |
| Intercept                                | 16 | 1  | -0.1410  | 0.2462            | 0.3282             | 0.5667     |  |  |  |
| Intercept                                | 17 | 1  | 0.7640   | 0.2419            | 9.9794             | 0.0016     |  |  |  |
| Intercept                                | 18 | 1  | 2.8931   | 0.4153            | 48.5291            | <.0001     |  |  |  |
| Intercept                                | 19 | 1  | 31.1175  | 0.2715            | 13136.0468         | <.0001     |  |  |  |

| Analysis of Maximum Likelihood Estimates          |  |   |        |        |        |        |  |  |  |
|---|--|---|--------|--------|--------|--------|--|--|--|
| Parameter DF Estimate Error Chi-Square Pr > ChiSq |  |   |        |        |        |        |  |  |  |
| ra_grp_exp  |  | 1 | 0.2142 | 0.2620 | 0.6681 | 0.4137 |  |  |  |
| ra_grp_s8   |  | 1 | 0.2137 | 0.2871 | 0.5544 | 0.4565 |  |  |  |

| Odds Ratio Estimates             |       |                   |       |  |  |  |  |
|----------------------------------|-------|-------------------|-------|--|--|--|--|
| Point 95% Wald Confidence Limits |       |                   |       |  |  |  |  |
| ra_grp_exp                       | 1.239 | 1.239 0.741 2.070 |       |  |  |  |  |
| ra_grp_s8                        | 1.238 | 0.705             | 2.174 |  |  |  |  |

| Association of Predicted Probabilities and<br>Observed Responses |                               |   |       |  |  |  |  |  |  |  |
|--|-------------------------------|---|-------|--|--|--|--|--|--|--|
| Percent Concordant 22.8 Somers' D 0.044                          |                               |   |       |  |  |  |  |  |  |  |
| Percent Discordant 18.4 Gamma 0.10                               |                               |   |       |  |  |  |  |  |  |  |
| Percent Tied   | Percent Tied 58.8 Tau-a 0.036 |   |       |  |  |  |  |  |  |  |
| Pairs  | 59626                         | С | 0.522 |  |  |  |  |  |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |  |  |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|--|--|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |  |  |
| Intercept_13 | 0.310265                    | 0.084439     | 0.053555     | 0.049252     | 0.046597     | 0.032777     | 0.062083     | -0.05962   | -0.0897   |  |  |
| Intercept_14 | 0.084439                    | 0.082045     | 0.052363     | 0.051175     | 0.041325     | 0.044672     | 0.043868     | -0.04871   | -0.05363  |  |  |
| Intercept_15 | 0.053555                    | 0.052363     | 0.051006     | 0.052102     | 0.044631     | 0.060253     | 0.043009     | -0.04965   | -0.04847  |  |  |
| Intercept_16 | 0.049252                    | 0.051175     | 0.052102     | 0.060616     | 0.04998      | 0.069328     | 0.047824     | -0.05381   | -0.05129  |  |  |
| Intercept_17 | 0.046597                    | 0.041325     | 0.044631     | 0.04998      | 0.058497     | 0.085691     | 0.051642     | -0.05141   | -0.05787  |  |  |
| Intercept_18 | 0.032777                    | 0.044672     | 0.060253     | 0.069328     | 0.085691     | 0.172478     | 0.072985     | -0.07148   | -0.088    |  |  |
| Intercept_19 | 0.062083                    | 0.043868     | 0.043009     | 0.047824     | 0.051642     | 0.072985     | 0.073713     | -0.05616   | -0.06346  |  |  |
| ra_grp_exp   | -0.05962                    | -0.04871     | -0.04965     | -0.05381     | -0.05141     | -0.07148     | -0.05616     | 0.068653   | 0.053593  |  |  |
| ra_grp_s8    | -0.0897                     | -0.05363     | -0.04847     | -0.05129     | -0.05787     | -0.088       | -0.06346     | 0.053593   | 0.082401  |  |  |

| Domain Summary                         |        |  |  |  |
|--|--------|--|--|--|
| Number of Observations                 | 73420  |  |  |  |
| Number of Obs with Nonpositive Weights | 12860  |  |  |  |
| Number of Observations in Domain       | 3028   |  |  |  |
| Number of Observations not in Domain   | 57532  |  |  |  |
| Sum of Weights in Domain               | 3661.5 |  |  |  |

| Model Information         |                          |   |  |  |  |  |
|---------------------------|--------------------------|---|--|--|--|--|
| Data Set                  | WORK.FNLPRED_PTSD_YOUTH  |   |  |  |  |  |
| Response Variable         | f_mh_pts_rec_yt          |   |  |  |  |  |
| Number of Response Levels | 8                        |   |  |  |  |  |
| Stratum Variable          | ra_site                  | ra_site - Site (1=Baltimore/2=Boston/3=Chicago/4=Los Angeles/5=New York City)   |  |  |  |  |
| Number of Strata          | 5                        |   |  |  |  |  |
| Cluster Variable          | f_svy_bl_tract_masked_id | f_svy_bl_tract_masked_id - Masked ID for baseline census tract (range 1 to 212) |  |  |  |  |
| Number of Clusters        | 116                      |   |  |  |  |  |
| Weight Variable           | f_wt_totsvy              | f_wt_totsvy - Total Weight for Final Survey Self-Report Data                    |  |  |  |  |
| Model                     | Cumulative Logit         |   |  |  |  |  |
| Optimization Technique    | Fisher's Scoring         |   |  |  |  |  |
| Variance Adjustment       | Degrees of Freedom (DF)  |   |  |  |  |  |

| Variance Estimation  |                         |  |  |  |  |
|----------------------|-------------------------|--|--|--|--|
| Method Taylor Series |                         |  |  |  |  |
| Variance Adjustment  | Degrees of Freedom (DF) |  |  |  |  |

| Number of Observations Read | 73420    |
|-----------------------------|----------|
| Number of Observations Used | 7552     |
| Sum of Weights Read         | 3661.484 |
| Sum of Weights Used         | 421.8697 |

| Response Profile |                 |                    |                 |  |  |  |
|------------------|-----------------|--------------------|-----------------|--|--|--|
| Ordered<br>Value | f_mh_pts_rec_yt | Total<br>Frequency | Total<br>Weight |  |  |  |
| 1                | 13              | 6                  | 5.034006        |  |  |  |
| 2                | 14              | 48                 | 55.355249       |  |  |  |
| 3                | 15              | 77                 | 72.187591       |  |  |  |
| 4                | 16              | 76                 | 89.781762       |  |  |  |
| 5                | 17              | 75                 | 92.563276       |  |  |  |
| 6                | 18              | 73                 | 73.822037       |  |  |  |

## **Domain Analysis for domain Imputation Number=20**

| Response Profile  |    |    |           |  |  |  |
|---|----|----|-----------|--|--|--|
| Ordered Total Total Value f_mh_pts_rec_yt Frequency Weigh |    |    |           |  |  |  |
| 7   | 19 | 18 | 33.125776 |  |  |  |
| 8   | 20 | 0  | 0.000000  |  |  |  |

## Probabilities modeled are cumulated over the lower Ordered Values.

| Model Convergence Status                      |  |  |  |  |
|---|--|--|--|--|
| Convergence criterion (GCONV=1E-8) satisfied. |  |  |  |  |

| Score Test for the Proportional Odds Assumption |    |        |  |  |  |  |  |
|---|----|--------|--|--|--|--|--|
| Chi-Square DF Pr > ChiSq                        |    |        |  |  |  |  |  |
| 19.2347   | 12 | 0.0830 |  |  |  |  |  |

| Model Fit Statistics               |          |          |  |  |  |  |
|------------------------------------|----------|----------|--|--|--|--|
| Intercept Criterion Only Covariate |          |          |  |  |  |  |
| AIC                                | 1522.876 | 1522.475 |  |  |  |  |
| sc                                 | 1571.383 | 1584.841 |  |  |  |  |
| -2 Log L                           | 1508.876 | 1504.475 |  |  |  |  |

| Testing Global Null Hypothesis: BETA=0 |        |   |        |  |  |  |  |
|--|--------|---|--------|--|--|--|--|
| Test Chi-Square DF Pr > ChiSq          |        |   |        |  |  |  |  |
| Likelihood Ratio                       | 4.4010 | 2 | 0.1107 |  |  |  |  |
| Score                                  | 4.2185 | 2 | 0.1213 |  |  |  |  |
| Wald                                   | 2.4457 | 2 | 0.2944 |  |  |  |  |

| Analysis of Maximum Likelihood Estimates |    |    |          |                   |                    |            |  |
|--|----|----|----------|-------------------|--------------------|------------|--|
| Parameter                                |    | DF | Estimate | Standard<br>Error | Wald<br>Chi-Square | Pr > ChiSq |  |
| Intercept                                | 13 | 1  | -4.7081  | 0.4651            | 102.4870           | <.0001     |  |
| Intercept                                | 14 | 1  | -2.0793  | 0.2824            | 54.1947            | <.0001     |  |
| Intercept                                | 15 | 1  | -1.0686  | 0.2416            | 19.5658            | <.0001     |  |
| Intercept                                | 16 | 1  | -0.1788  | 0.2422            | 0.5454             | 0.4602     |  |
| Intercept                                | 17 | 1  | 0.7994   | 0.2620            | 9.3124             | 0.0023     |  |
| Intercept                                | 18 | 1  | 2.1960   | 0.3737            | 34.5404            | <.0001     |  |
| Intercept                                | 19 | 1  | 30.9932  | 0.3195            | 9409.0572          | <.0001     |  |

| Analysis of Maximum Likelihood Estimates          |  |   |        |        |        |        |
|---|--|---|--------|--------|--------|--------|
| Parameter DF Estimate Error Chi-Square Pr > ChiSc |  |   |        |        |        |        |
| ra_grp_exp  |  | 1 | 0.4395 | 0.3040 | 2.0903 | 0.1482 |
| ra_grp_s8   |  | 1 | 0.3225 | 0.3647 | 0.7822 | 0.3765 |

| Odds Ratio Estimates |                   |                               |       |  |
|----------------------|-------------------|-------------------------------|-------|--|
| Effect               | Point<br>Estimate | 95% Wald<br>Confidence Limits |       |  |
| ra_grp_exp           | 1.552             | 0.855                         | 2.816 |  |
| ra_grp_s8            | 1.381             | 0.676                         | 2.822 |  |

| Association of Predicted Probabilities and<br>Observed Responses |       |           |       |  |  |
|--|-------|-----------|-------|--|--|
| Percent Concordant   | 36.2  | Somers' D | 0.062 |  |  |
| Percent Discordant   | 30.0  | Gamma     | 0.094 |  |  |
| Percent Tied   | 33.8  | Tau-a     | 0.051 |  |  |
| Pairs  | 56903 | С         | 0.531 |  |  |

|              | Estimated Covariance Matrix |              |              |              |              |              |              |            |           |
|--------------|-----------------------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|-----------|
| Parameter    | Intercept_13                | Intercept_14 | Intercept_15 | Intercept_16 | Intercept_17 | Intercept_18 | Intercept_19 | ra_grp_exp | ra_grp_s8 |
| Intercept_13 | 0.216284                    | 0.054482     | 0.045934     | 0.03978      | 0.031318     | 0.044766     | 0.037391     | -0.03652   | -0.05264  |
| Intercept_14 | 0.054482                    | 0.079775     | 0.060057     | 0.052689     | 0.050733     | 0.060802     | 0.057809     | -0.05897   | -0.08144  |
| Intercept_15 | 0.045934                    | 0.060057     | 0.058357     | 0.05342      | 0.052033     | 0.061908     | 0.054057     | -0.05874   | -0.0712   |
| Intercept_16 | 0.03978                     | 0.052689     | 0.05342      | 0.058644     | 0.058251     | 0.064761     | 0.059763     | -0.06052   | -0.07243  |
| Intercept_17 | 0.031318                    | 0.050733     | 0.052033     | 0.058251     | 0.068627     | 0.080187     | 0.068177     | -0.06831   | -0.07589  |
| Intercept_18 | 0.044766                    | 0.060802     | 0.061908     | 0.064761     | 0.080187     | 0.139622     | 0.081233     | -0.08938   | -0.09848  |
| Intercept_19 | 0.037391                    | 0.057809     | 0.054057     | 0.059763     | 0.068177     | 0.081233     | 0.102091     | -0.08322   | -0.10224  |
| ra_grp_exp   | -0.03652                    | -0.05897     | -0.05874     | -0.06052     | -0.06831     | -0.08938     | -0.08322     | 0.092414   | 0.092814  |
| ra_grp_s8    | -0.05264                    | -0.08144     | -0.0712      | -0.07243     | -0.07589     | -0.09848     | -0.10224     | 0.092814   | 0.132991  |

## **Collected effect estimates**

| or_ci |               |           |           |  |  |
|-------|---------------|-----------|-----------|--|--|
|       | Odds<br>Ratio | Lower CL  | Upper CL  |  |  |
| Rep1  | 1.1972916     | 0.7856084 | 1.8247097 |  |  |
| Rep2  | 1.1756206     | 0.7739282 | 1.7858036 |  |  |
| Rep3  | 1.1956754     | 0.7809255 | 1.8306991 |  |  |
| Rep4  | 1.1960685     | 0.7802335 | 1.8335277 |  |  |
| Rep5  | 1.1627673     | 0.7645378 | 1.7684251 |  |  |