**Supplemental Table 1.** Results of Latent Class Growth Models for Multisite ASD Study

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *N classes* | *AIC* | *BIC* | *Adj. BIC* | *Entropy* | *Mean Posterior Probability (SD; Range)* | *LMR-LRT p value* | *% in smallest class* |
| 1 | 24843.15 | 24873.08 | 24854.023 | 1 | 1 | N/A | 100.00% |
| 2 | 23634.431 | 23684.316 | 23652.553 | 0.924 | 0.965 (0.028; 0.945-0.984) | < .0001 | 14.36% |
| 3 | 23244.461 | 23314.299 | 23269.832 | 0.862 | 0.923 (0.047; 0.870-0.956) | 0.0004 | 7.68% |
| 4 | 23097.024 | 23186.815 | 23129.644 | 0.875 | 0.898 (0.084; 0.790-0.973) | 0.022 | 6.60% |
| 5 | 22992.226 | 23101.971 | 23032.095 | 0.836 | 0.877 (0.053; 0.801-0.929) | 0.0491 | 3.85% |
| 6 | 22895.392 | 23025.091 | 22942.51 | 0.844 | 0.854 (0.058; 0.783-0.931) | 0.4111 | 3.67% |

Note. AIC = Alkaike Information Criterion; BIC = Bayesian Information Criterion; LMR-LRT = Lo-Mendel-Rubin adjusted likelihood ratio test; SD = Standard Deviation. Models included linear and quadratic growth terms. Five hundred random sets of starting values were used for the initial stage, and 20 final stage optimizations were used in each analysis. Each analysis ran without error.

**Supplemental Table 2.** Results of Latent Class Growth Models for JTOPS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | *AIC* | *BIC* | *Adj. BIC* | *Entropy* | *Mean Posterior Probability (SD; Range)* | *LMR-LRT p value* | *% in smallest class* |
| 1 | 14769.81 | 14797.41 | 14778.358 | 1 | 1 | N/A | 100.00% |
| 2 | 14338.619 | 14384.618 | 14352.864 | 0.77 | 0.919 (0.032; 0.896-0.941) | 0.0162 | 26.42% |
| 3 | 14196.421 | 14260.819 | 14216.364 | 0.749 | 0.864 (0.058; 0.802-0.917) | 0.0008 | 12.30% |
| 4 | 14143.84 | 14226.637 | 14169.481 | 0.673 | 0.809 (0.076; 0.696-0.857) | 0.0264 | 10.28% |
| 5 | 14100.959 | 14202.156 | 14132.298 | 0.777 | 0.845 (0.053; 0.782-0.910) | 0.1673 | 2.26% |
| 6 | 14070.443 | 14190.039 | 14107.48 | 0.731 | 0.800 (0.068; 0.726-0.909) | 0.2233 | 2.48% |

Note. AIC = Alkaike Information Criterion; BIC = Bayesian Information Criterion; LMR-LRT = Lo-Mendel-Rubin adjusted likelihood ratio test; SD = Standard Deviation. Models included linear and quadratic growth terms. Five hundred random sets of starting values were used for the initial stage, and 20 final stage optimizations were used in each analysis. Each analysis ran without error.

**Supplemental Table 3.** Results of Latent Class Growth Models for TCOM

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *N classes* | *AIC* | *BIC* | *Adj. BIC* | *Entropy* | *Mean Posterior Probability (SD; Range)* | *LMR-LRT p value* | *% in smallest class* |
| 1 | 2950.538 | 2969.493 | 2950.493 | 1 | 1 | N/A | 100.00% |
| 2 | 2835.422 | 2867.013 | 2835.346 | 0.887 | 0.947 (0.043; 0.916-0.977) | 0.3103 | 14.60% |
| 3 | 2773.595 | 2817.822 | 2773.489 | 0.86 | 0.931 (0.076; 0.844-0.988) | 0.1213 | 7.43% |
| 4 | 2744.835 | 2801.698 | 2744.699 | 0.875 | 0.933 (0.054; 0.875-0.997) | 0.3634 | 3.38% |
| 5 | 2728.361 | 2797.86 | 2728.195 | 0.871 | 0.934 (0.062; 0.833-0.999) | 0.2524 | 2.72% |
| 6 | 2716.602 | 2798.737 | 2716.405 | 0.866 | 0.920 (0.088; 0.755-0.996) | 0.2976 | 2.45% |

Note. AIC = Alkaike Information Criterion; BIC = Bayesian Information Criterion; LMR-LRT = Lo-Mendel-Rubin adjusted likelihood ratio test; SD = Standard Deviation. Models included linear and quadratic growth terms. Five hundred random sets of starting values were used for the initial stage, and 20 final stage optimizations were used in each analysis. Each analysis ran without error.

**Supplemental Table 4.** Results of Latent Class Growth Models for Ohio-MVA

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *N classes* | *AIC* | *BIC* | *Adj. BIC* | *Entropy* | *Mean Posterior Probability (SD; Range)* | *LMR-LRT p value* | *% in smallest class* |
| 1 | 6028.534 | 6050.491 | 6031.464 | 1 | 1 | N/A | 100.00% |
| 2 | 5671.365 | 5707.96 | 5676.249 | 0.923 | 0.973 (0.010; 0.966-0.980) | 0.0087 | 17.49% |
| 3 | 5588.877 | 5640.109 | 5595.714 | 0.885 | 0.894 (0.067; 0.844-0.970) | 0.1308 | 7.51% |
| 4 | 5554.093 | 5619.964 | 5562.884 | 0.881 | 0.897 (0.058; 0.819-0.956) | 0.1503 | 6.68% |
| 5 | 5531.795 | 5612.304 | 5542.54 | 0.842 | 0.895 (0.082; 0.757-0.974) | 0.6922 | 2.53% |
| 6 | 5509.164 | 5604.311 | 5521.862 | 0.805 | 0.824 (0.102; 0.698-0.934) | 0.2357 | 2.79% |

Note. AIC = Alkaike Information Criterion; BIC = Bayesian Information Criterion; LMR-LRT = Lo-Mendel-Rubin adjusted likelihood ratio test; SD = Standard Deviation. Models included linear and quadratic growth terms. Five hundred random sets of starting values were used for the initial stage, and 20 final stage optimizations were used in each analysis. Each analysis ran without error.

**Supplemental Table 5.** Results of Latent Class Growth Models for Zurich ICU

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *N classes* | *AIC* | *BIC* | *Adj. BIC* | *Entropy* | *Mean Posterior Probability (SD; Range)* | *LMR-LRT p value* | *% in smallest class* |
| 1 | 2768.656 | 2785.431 | 2766.461 | 1 | 1 | N/A | 100.00% |
| 2 | 2647.563 | 2675.521 | 2643.905 | 0.908 | 0.960 (0.030; 0.938-0.981) | 0.0026 | 17.81% |
| 3 | 2626.581 | 2665.723 | 2621.459 | 0.892 | 0.931 (0.069; 0.851-0.973) | 0.2044 | 8.08% |
| 4 | 2605.104 | 2655.428 | 2598.518 | 0.905 | 0.923 (0.092; 0.788-0.983) | 0.4995 | 4.44% |
| 5 | 2590.621 | 2652.128 | 2582.571 | 0.914 | 0.936 (0.051; 0.869-0.997) | 0.2267 | 2.70% |
| 6 | 2582.776 | 2655.467 | 2573.264 | 0.775 | 0.899 (0.094; 0.789-0.999) | 0.5557 | 2.69% |

Note. AIC = Alkaike Information Criterion; BIC = Bayesian Information Criterion; LMR-LRT = Lo-Mendel-Rubin adjusted likelihood ratio test; SD = Standard Deviation. Models included linear and quadratic growth terms. Five hundred random sets of starting values were used for the initial stage, and 20 final stage optimizations were used in each analysis. Each analysis ran without error.

**Supplemental Table 6.** Results of Latent Class Growth Models for Amsterdam Cortisol

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| *N classes* | *AIC* | *BIC* | *Adj. BIC* | *Entropy* | *Mean Posterior Probability (SD; Range)* | *LMR-LRT p value* | *% in smallest class* |
| 1 | 15350.254 | 15382.367 | 15360.14 | 1 | 1 | N/A | 100.00% |
| 2 | 14530.114 | 14580.577 | 14545.649 | 0.944 | 0.970 (0.028; 0.950-0.989) | 0.0061 | 12.73% |
| 3 | 14221.964 | 14221.964 | 14243.148 | 0.921 | 0.944 (0.035; 0.909-0.978) | 0.0004 | 4.44% |
| 4 | 14054.522 | 14141.686 | 14081.355 | 0.85 | 0.907 (0.037; 0.853-0.934) | 0.0612 | 3.85% |
| 5 | 13968.255 | 14073.768 | 14000.736 | 0.856 | 0.881 (0.058; 0.812-0.935) | 0.1931 | 3.19% |
| 6 | 13911.184 | 14035.048 | 13949.315 | 0.847 | 0.844 (0.067; 0.784-0.933) | 0.1141 | 3.19% |

Note. AIC = Alkaike Information Criterion; BIC = Bayesian Information Criterion; LMR-LRT = Lo-Mendel-Rubin adjusted likelihood ratio test; SD = Standard Deviation. Models included linear and quadratic growth terms. Five hundred random sets of starting values were used for the initial stage, and 20 final stage optimizations were used in each analysis. Each analysis ran without error.

**Supplemental Table 7.** Growth terms and descriptive data for participants with most likely membership in each trajectory from each dataset

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |   | **Growth Terms - Estimate (SE)** |   | **Observed Means** |
|  |   | *Intercept* | *Slope* | *Quadratic* |   | *<1 mo* | *1 mo* | *3 mos* | *6 mos* | *9 mos* | *12 mos* |
|  |  |  |  |  |  |  |  |  |  |  |  |
| *Multisite ASD (N = 1084)* |  |  |  |  |  |  |  |  |  |  |
|  | Low (*n* = 779, 71.9%) | 10.75 (.46)\*\*\* | .18 (.28) | -.03 (.02) |  | 10.95 | -- | 10.99 | -- | -- | 9.21 |
|  | Remitting (*n* = 88, 8.1%) | 44.34 (4.74)\*\*\* | -5.72 (2.50)\* | .31 (.18) |  | 43.36 | -- | 29.34 | -- | -- | 19.92 |
|  | Delayed-onset (*n* = 149, 13.7%) | 16.66 (1.55)\*\*\* | 9.51 (1.35)\*\*\* | -.57 (.11)\*\*\* |  | 21.70 | -- | 41.12 | -- | -- | 49.10 |
|  | High (*n* = 68, 6.3%) | 55.21 (3.02)\*\*\* | 8.08 (1.98)\*\*\* | -.53 (.14)\*\*\* |  | 60.87 | -- | 74.43 | -- | -- | 76.75 |
| *JTOPS (N = 735)* |  |  |  |  |  |  |  |  |  |  |
|  | Low (*n* = 292, 39.7%) | 43.54 (2.83)\*\*\* | -9.59 (1.00)\*\*\* | .64 (.08)\*\*\* |  | -- | 33.34 | -- | 8.58 | 7.17 | -- |
|  | Remitting (*n* = 139, 18.9%) | 71.31 (2.64)\*\*\* | -2.12 (1.87) | -.18 (.21) |  | -- | 69.02 | -- | 52.92 | 37.26 | -- |
|  | Fast remitting (*n* = 229, 31.1%) | 79.87 (3.28)\*\*\* | -15.48 (1.84)\*\*\* | .97 (.15)\*\*\* |  | -- | 68.20 | -- | 22.38 | 19.88 | -- |
|  | High (*n* = 75, 10.2%) | 88.39 (3.80)\*\*\* | -.57 (1.63) | -.12 (.17) |  | -- | 90.40 | -- | 81.08 | 73.83 | -- |
| *TCOM (N = 174)* |  |  |  |  |  |  |  |  |  |  |
|  | Low (*n* = 137, 78.7%) | 13.61 (1.43)\*\*\* | -.89 (.50) | .02 (.04) |  | -- | 12.82 | -- | 9.13 | -- | 6.00 |
|  | Remitting (*n* = 25, 14.4%) | 46.99 (7.01)\*\*\* | -4.02 (1.79)\* | .17 (.12) |  | -- | 43.76 | -- | 29.78 | -- | 23.94 |
|  | Delayed-onset (*n* = 6, 3.4%) | 21.04 (13.16) | 4.55 (4.10) | -.13 (.22) |  | -- | 24.83 | -- | 43.50 | -- | 57.33 |
|  | High (*n* = 6, 3.4%) | 53.76 (19.63)\*\* | 3.47 (4.66) | -.08 (.27) |  | -- | 60.00 | -- | 71.33 | -- | 84.67 |
| *Ohio-MVA (N = 287)* |  |  |  |  |  |  |  |  |  |  |
|  | Low (*n* = 230, 80.1%) | 19.00 (1.34)\*\*\* | -1.49 (.40)\*\*\* | .07 (.03)\* |  | -- | 18.27 | -- | 12.57 | -- | 11.05 |
|  | Remitting (*n* = 23, 8.0%) | 61.29 (11.38)\*\*\* | -3.52 (3.29) | .08 (.22) |  | -- | 61.04 | -- | 45.31 | -- | 30.85 |
|  | Delayed-onset (*n* = 16, 5.6%) | 32.12 (5.99)\*\*\* | -.96 (2.92) | .22 (.22) |  | -- | 29.88 | -- | 36.07 | -- | 52.67 |
|  | High (*n* = 18, 6.3%) | 73.38 (4.44)\*\*\* | -2.77 (2.46) | .27 (.17) |  | -- | 72.61 | -- | 66.79 | -- | 78.00 |
| *Zurich ICU (N = 121)* |  |  |  |  |  |  |  |  |  |  |
|  | Low (*n* = 88, 72.3%) | 18.14 (1.45)\*\*\* | -2.59 (.41)\*\*\* | .16 (.03)\*\*\* |  | 16.38 | -- | -- | 7.99 | -- | 9.75 |
|  | Remitting (*n* = 19, 15.7%) | 36.70 (7.18)\*\*\* | -1.80 (1.64) | .05 (.09) |  | 36.58 | -- | -- | 26.59 | -- | 21.71 |
|  | Delayed-onset (*n* = 5, 4.4%) | 36.94 (18.35)\* | -7.55 (3.69)\* | .74 (.25)\*\* |  | 32.60 | -- | -- | 17.60 | -- | 53.20 |
|  | High (*n* = 9, 7.4%) | 31.49 (7.09)\*\*\* | 4.99 (2.16)\* | -.32 (.14)\* |  | 33.67 | -- | -- | 49.89 | -- | 44.78 |
| *Amsterdam Cortisol (N = 726* |  |  |  |  |  |  |  |  |  |  |
|  | Low (*n* = 491, 67.6%) | 13.47 (.77)\*\*\* | -1.33 (.23)\*\*\* | .07 (.02)\*\*\* |  | -- | 12.54 | 8.98 | 8.22 | -- | 7.68 |
|  | Moderate-low (n = 153, 21.1%) | 33.11 (2.68)\*\*\* | -1.75 (.79)\* | .07 (.05) |  | -- | 33.52 | 29.23 | 25.76 | -- | 23.09 |
|  | Moderate (n = 54, 7.4%) | 50.97 (6.12)\*\*\* | -.02 (2.39) | -.02 (.17) |  | -- | 53.00 | 48.16 | 50.94 | -- | 48.52 |
|  | High (*n* = 28, 3.9%) | 76.48 (4.90)\*\*\* | 2.36 (1.72) | -.12 (.12) |  | -- | 79.38 | 81.00 | 86.43 | -- | 88.00 |
|  |  |  |  |  |  |  |  |  |  |  |  |

Note: \* p < .05, \*\* *p* < .01, \*\*\* *p* < .001

**Supplemental Table 8.** Descriptive statistics for the All Other trajectories versus Low trajectory. Chi-square tests were conducted to assess for significant variation across studies on all covariates.

|  |  |  |  |
| --- | --- | --- | --- |
|   | **Low** | **All Other** | **p value** |
| **Age Quartile** |   | χ23=24.83; p<0.001 |
|  <27 | 501 (25.2%) | 253 (23.1%) |   |
|  27-37 | 476 (24%) | 313 (28.6%) |
|  38-48 | 451 (22.7%) | 295 (26.9%) |
|  >48 | 559 (28.1%) | 235 (21.4%) |
| **Gender** |   | χ21=91.54; p<0.001 |
|  Male | 1400 (70.5%) | 582 (53.1%) |   |
|  Female | 587 (29.5%) | 514 (46.9%) |
| **Race** |   | χ22=10.44; p=0.005 |
|  White | 1491 (75%) | 877 (80%) |   |
|  Non-White | 233 (11.7%) | 97 (8.9%) |
|  Missing | 263 (13.2%) | 122 (11.1%) |
| **Education** |   | χ22=21.87; p<0.001 |
|  Secondary or Greater | 1542 (77.6%) | 818 (74.6%) |   |
|  Less than Secondary | 361 (18.2%) | 186 (17%) |
|  Missing | 84 (4.2%) | 92 (8.4%) |
| **Marital Status** |   | χ22=16.34; p<0.001 |
|  Married/living with partner | 953 (48%) | 491 (44.8%) |   |
|  Single/not living with partner | 953 (48%) | 523 (47.7%) |
|  Missing | 81 (4.1%) | 82 (7.5%) |
| **Prior Trauma** |   | χ23=24.19; p<0.001 |
|  No prior trauma | 297 (14.9%) | 174 (15.9%) |   |
|  Prior non-interpersonal trauma | 700 (35.2%) | 296 (27%) |
|  Prior interpersonal trauma | 848 (42.7%) | 522 (47.6%) |
|  Missing | 142 (7.1%) | 104 (9.5%) |
| **Trauma Type** |   | χ22=100.81; p<0.001 |
|  MVA | 1449 (72.9%) | 840 (76.6%) |   |
|  Other accidents | 472 (23.8%) | 143 (13%) |
|  Assaults (intentional harm) | 66 (3.3%) | 113 (10.3%) |

**Supplemental Table 9.** Descriptive statistics for the Low versus Delayed trajectory. Chi-square tests were conducted to assess for significant variation across studies on all covariates.

|  |  |  |  |
| --- | --- | --- | --- |
|   | **Low** | **Delayed** | **p value** |
| **Age Quartile** |   | χ23=13.02; p=0.005 |
|  <27 | 501 (25.2%) | 42 (24.9%) |   |
|  27-37 | 476 (24%) | 36 (21.3%) |
|  38-48 | 451 (22.7%) | 58 (34.3%) |
|  >48 | 559 (28.1%) | 33 (19.5%) |
| **Gender** |   | χ21=0.24; p=0.621 |
|  Male | 1400 (70.5%) | 116 (68.6%) |   |
|  Female | 587 (29.5%) | 53 (31.4%) |
| **Race** |   | χ22=11.11; p=0.004 |
|  White | 1491 (75%) | 114 (67.5%) |   |
|  Non-White | 233 (11.7%) | 16 (9.5%) |
|  Missing | 263 (13.2%) | 39 (23.1%) |
| **Education** |   | χ22=13.05; p=0.001 |
|  Secondary or Greater | 1542 (77.6%) | 124 (73.4%) |   |
|  Less than Secondary | 361 (18.2%) | 26 (15.4%) |
|  Missing | 84 (4.2%) | 19 (11.2%) |
| **Marital Status** |   | χ22=6.09; p=0.048 |
|  Married/living with partner | 953 (48%) | 72 (42.6%) |   |
|  Single/not living with partner | 953 (48%) | 83 (49.1%) |
|  Missing | 81 (4.1%) | 14 (8.3%) |
| **Prior Trauma** |   | χ23=35.02; p<0.001 |
|  No prior trauma | 297 (14.9%) | 22 (13%) |   |
|  Prior non-interpersonal trauma | 700 (35.2%) | 31 (18.3%) |
|  Prior interpersonal trauma | 848 (42.7%) | 110 (65.1%) |
|  Missing | 142 (7.1%) | 6 (3.6%) |
| **Trauma Type** |   | χ22=13.42; p=0.001 |
|  MVA | 1449 (72.9%) | 129 (76.3%) |   |
|  Other accidents | 472 (23.8%) | 26 (15.4%) |
|  Assaults (intentional harm) | 66 (3.3%) | 14 (8.3%) |

**Supplemental Table 10.** Descriptive statistics for the High versus Remitting trajectory. Chi-square tests were conducted to assess for significant variation across studies on all covariates.

|  |  |  |  |
| --- | --- | --- | --- |
|   | **High** | **Remitting** | **p-value** |
| **Age Quartile** |   | χ23=11.63; p=0.009 |
|  <27 | 37 (18.6%) | 145 (27.8%) |   |
|  27-37 | 59 (29.6%) | 158 (30.3%) |
|  38-48 | 65 (32.7%) | 114 (21.9%) |
|  >48 | 38 (19.1%) | 104 (20%) |
| **Gender** |   | χ21=0.00; p<0.948 |
|  Male | 98 (49.2%) | 258 (49.5%) |   |
|  Female | 101 (50.8%) | 263 (50.5%) |
| **Race** |   | χ22=10.64; p=0.005 |
|  White | 147 (73.9%) | 441 (84.6%) |   |
|  Non-White | 21 (10.6%) | 34 (6.5%) |
|  Missing | 31 (15.6%) | 46 (8.8%) |
| **Education** |   | χ22=23.86; p<0.001 |
|  Secondary or Greater | 118 (59.3%) | 404 (77.5%) |   |
|  Less than Secondary | 55 (27.6%) | 72 (13.8%) |
|  Missing | 26 (13.1%) | 45 (8.6%) |
| **Marital Status** |   | χ22=1.11; p=0.575 |
|  Married/living with partner | 90 (45.2%) | 222 (42.6%) |   |
|  Single/not living with partner | 88 (44.2%) | 252 (48.4%) |
|  Missing | 21 (10.6%) | 47 (9%) |
| **Prior Trauma** |   | χ23=30.90; p<0.001 |
|  No prior trauma | 19 (9.5%) | 115 (22.1%) |   |
|  Prior non-interpersonal trauma | 45 (22.6%) | 150 (28.8%) |
|  Prior interpersonal trauma | 111 (55.8%) | 182 (34.9%) |
|  Missing | 24 (12.1%) | 74 (14.2%) |
| **Trauma Type** |   | χ22=6.87; p=0.032 |
|  MVA | 143 (71.9%) | 415 (79.7%) |   |
|  Other accidents | 22 (11.1%) | 54 (10.4%) |
|  Assaults (intentional harm) | 34 (17.1%) | 52 (10%) |

**Supplemental Table 11.** Multinomial Logistic Regression results for Low (reference) vs Delayed vs High. Chi-squared likelihood ratio tests compare models constraining each predictor separately to be equal across outcomes with an unconstrained model where predictors’ effects were allowed to vary.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Delayed** | **High** | **χ2** | **p** |
| Intercept | 0.18\*\*\* [0.1-0.35] | 0.01\*\*\* [0-0.02] |   |   |
| Age Quartile: |   | 43.09 | <0.0001 |
|  27-37 | 1.08 [0.65-1.77] | 1.65\* [1.03-2.64] |   |
|  38-48 | 1.66\* [1.04-2.65] | 2.3\*\* [1.42-3.73] |
|  >48 | 0.96 [0.56-1.64] | 0.94 [0.55-1.62] |
| Gender: Female | 1.42 [0.98-2.06] | 2.65\*\*\* [1.91-3.67] | 39.09 | <0.0001 |
| Race: |   | 38.98 | <0.0001 |
|  Non-White | 0.93 [0.45-1.92] | 2.59\* [1.35-4.97] |   |
|  Missing | 0.74 [0.46-1.2] | 1.42 [0.8-2.5] |
| Education: |   | 52.42 | <0.0001 |
|  Less than Secondary | 0.74 [0.46-1.18] | 2.82\*\*\* [1.92-4.14] |   |
|  Missing | 2.08 [0.86-5.05] | 5.03\*\* [1.98-12.76] |
| Marital Status: |   | 44.05 | <0.0001 |
|  Single/not living with partner | 1.02 [0.7-1.48] | 0.94 [0.66-1.34] |   |
|  Missing | 0.7 [0.24-2.06] | 0.71 [0.24-2.08] |
| Prior Trauma: |   | 37.12 | <0.0001 |
|  Prior non-interpersonal  | 0.56 [0.31-1.03] | 1.56 [0.86-2.84] |   |
|  Prior interpersonal  | 1.23 [0.74-2.05] | 3.25\*\*\* [1.85-5.69] |
|  Missing | 0.41 [0.05-3.27] | 3.7\* [1.51-9.08] |
| Trauma Type: |   | 38.26 | <0.0001 |
|  Other accidents | 0.5\* [0.31-0.79] | 0.62 [0.38-1.03] |   |
|  Assaults (intentional harm) | 2.5\* [1.26-4.93] | 4.99\*\*\* [3.02-8.26] |
| Study:  |   | 173.9 | <0.0001 |
|  JTOPS | 0 [0-Inf] | 3.98\*\*\* [2.43-6.52] |   |
|  TCOM | 0.28\* [0.09-0.83] | 0.39 [0.13-1.16] |
|  Ohio-MVA | 0.33\*\* [0.18-0.59] | 1.23 [0.65-2.33] |
|  Zurich ICU | 0.87 [0.09-8.18] | 1.62 [0.53-4.97] |
|  Amsterdam Cortisol | 0 [0-Inf] | 0.91 [0.54-1.55] |

Note: \* p < .05, \*\* *p* < .01, \*\*\* *p* < .001

**Supplemental Table 12.** Multinomial Logistic Regression results for High (reference) vs Low vs Remitting. Chi-squared likelihood ratio tests compare models constraining each predictor separately to be equal across outcomes with an unconstrained model where predictors’ effects were allowed to vary.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Low** | **Remitting** | **χ2** | **p** |
| Intercept | 114.9\*\*\* [52.43-251.82] | 5.87\*\*\* [2.44-14.11] |   |
| Age Quartile: |   | 198.7 | <0.0001 |
|  27-37 | 0.65 [0.41-1.03] | 0.59\* [0.36-0.98] |   |
|  38-48 | 0.44\*\* [0.27-0.71] | 0.49\* [0.29-0.83] |
|  >48 | 0.99 [0.58-1.67] | 0.78 [0.44-1.39] |
| Gender: Female | 0.36\*\*\* [0.26-0.5] | 0.76 [0.54-1.09] | 150.8 | <0.0001 |
| Race: |   | 140.4 | <0.0001 |
|  Non-White | 0.37\* [0.19-0.71] | 0.58 [0.23-1.48] |   |
|  Missing | 0.72 [0.41-1.27] | 1.23 [0.63-2.41] |
| Education: |   | 137.5 | <0.0001 |
|  Less than Secondary | 0.36\*\*\* [0.25-0.53] | 0.47\*\* [0.3-0.73] |   |
|  Missing | 0.21\*\* [0.09-0.5] | 0.27\* [0.1-0.71] |
| Marital Status: |   | 166.9 | <0.0001 |
|  Single/not living with partner | 1.02 [0.72-1.45] | 1.14 [0.77-1.7] |   |
|  Missing | 1.23 [0.46-3.32] | 1.78 [0.61-5.17] |
| Prior Trauma: |   | 137.2 | <0.0001 |
|  Prior non-interpersonal  | 0.66 [0.37-1.19] | 0.67 [0.37-1.24] |   |
|  Prior interpersonal  | 0.31\*\*\* [0.18-0.54] | 0.41\* [0.23-0.72] |
|  Missing | 0.34\* [0.15-0.8] | 0.62 [0.26-1.45] |
| Trauma Type: |   | 147.9 | <0.0001 |
|  Other accidents | 1.68\* [1.02-2.77] | 1.71 [0.95-3.08] |   |
|  Assaults (intentional harm) | 0.22\*\*\* [0.13-0.36] | 0.39\*\* [0.23-0.65] |
| Study:  |   | 590.5 | <0.0001 |
|  JTOPS | 0.24\*\*\* [0.15-0.39] | 3.23\*\*\* [1.84-5.67] |   |
|  TCOM | 2.58 [0.88-7.56] | 3.87\* [1.06-14.18] |
|  Ohio-MVA | 0.8 [0.42-1.51] | 0.83 [0.38-1.83] |
|  Zurich ICU | 0.51 [0.17-1.53] | 0.84 [0.26-2.75] |
|  Amsterdam Cortisol | 1.1 [0.65-1.87] | 0 [0-Inf] |

Note: \* p < .05, \*\* *p* < .01, \*\*\* *p* < .001

**Supplemental Figure 1.** Odds ratio and 95% confidence intervals of predictors for being in the Low versus All Other Trajectory in the pooled ICPP dataset (in blue) and in a subset where each study was removed from the combined dataset in turn and a logistic model fit in the remaining studies.



**Supplemental Figure 2.** Odds ratio and 95% confidence intervals of predictors for being in the Low versus the Delayed Trajectory in the pooled ICPP dataset (in blue) and in a subset where each study was removed from the combined dataset in turn and a logistic model fit in the remaining studies.



**Supplemental Figure 3.** Odds ratio and 95% confidence intervals of predictors for being in the Remitting versus the High Trajectory in the pooled ICPP dataset (in blue) and in a subset where each study was removed from the combined dataset in turn and a logistic model fit in the remaining studies.

