**Left Hippocampus**

**Supplementary Table S1**. Results demonstrate predictors of final global function and symptom severity: left hippocampal volume change (in this case, OLS-fit slope per person) and clinical ratings at baseline. Results are shown for unadjusted slope values, fit slope adjusted for baseline ratings, and baseline clinical ratings adjusted for fit slope.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Ratings Measure | Predictor of final clinical outcome | Estimate | Standard Error | *t*-value | *p*-value |
| No covariates | SANS | Fit slope per person | -0.39434 | 0.09847 | -4.005 | 0.0005 |
| SAPS | Fit slope per person | -0.08327 | 0.07123 | -1.169 | 0.25 |
| CGAS | Fit slope per person | 0.18953 | 0.06745 | 2.81 | 0.009 |
| Baseline Rating as covariate | SANS | Fit slope per person | -0.33896 | 0.09274 | -3.655 | 0.001 |
| SANS at baseline | 0.27028 | 0.11061 | 2.444 | 0.022 |
| SAPS | Fit slope per person | -0.08878 | 0.07132 | -1.245 | 0.23 |
| SAPS at baseline | 0.14437 | 0.13937 | 1.036 | 0.31 |
| CGAS | Fit slope per person | 0.1819 | 0.0629 | 2.891 | 0.008 |
| CGAS at baseline | 0.3698 | 0.1682 | 2.199 | 0.038 |

**Right Hippocampus**

**Supplementary Table S2**. Results demonstrate predictors of final global function and symptom severity: right hippocampal volume change (in this case, OLS-fit slope per person) and clinical ratings at baseline. Results are shown for unadjusted slope values, fit slope adjusted for baseline ratings, and baseline clinical ratings adjusted for fit slope.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Ratings Measure | Predictor of final clinical outcome | Estimate | Standard Error | *t*-value | *p*-value |
| No covariates | SANS | Fit slope per person | -0.25189 | 0.06544 | -3.849 | 0.0007 |
| SAPS | Fit slope per person | -0.01556 | 0.04786 | -0.325 | 0.75 |
| CGAS | Fit slope per person | 0.09051 | 0.0473 | 1.913 | 0.07 |
| Baseline Rating as covariate | SANS | Fit slope per person | -0.21419 | 0.06211 | -3.449 | 0.002 |
| SANS at baseline | 0.26967 | 0.11315 | 2.383 | 0.025 |
| SAPS | Fit slope per person | -0.01279 | 0.04816 | -0.266 | 0.79 |
| SAPS at baseline | 0.129 | 0.14366 | 0.898 | 0.38 |
| CGAS | Fit slope per person | 0.08405 | 0.04468 | 1.881 | 0.07 |
| CGAS at baseline | 0.37233 | 0.18249 | 2.04 | 0.05 |

**Left Hippocampus**

**Supplementary Table S3**. Results demonstrate predictors of final global function and symptom severity: hippocampal volume change (in this case, percent change) and clinical ratings at baseline. Results are shown for unadjusted values of percent change, percent change adjusted for baseline ratings, and baseline clinical ratings adjusted for percent volume change.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Ratings Measure | Predictor of final clinical outcome | Estimate | Standard Error | *t*-value | *p*-value |
| No covariates | SANS | Percent change | -253.003 | 96.333 | -2.626 | 0.014 |
| SAPS | Percent change | -61.684 | 63.112 | -0.977 | 0.34 |
| CGAS | Percent change | 149.853 | 59.629 | 2.513 | 0.02 |
| Baseline Rating as covariate | SANS | Percent change | -213.1819 | 88.0992 | -2.42 | 0.02 |
| SANS at baseline | 0.318 | 0.1218 | 2.611 | 0.01 |
| SAPS | Percent change | -65.3149 | 63.2321 | -1.033 | 0.31 |
| SAPS at baseline | 0.1398 | 0.1406 | 0.994 | 0.33 |
| CGAS | Percent change | 143.1472 | 55.8181 | 2.565 | 0.02 |
| CGAS at baseline | 0.3719 | 0.173 | 2.149 | 0.04 |

**Right Hippocampus**

**Supplementary Table S4**. Results demonstrate predictors of final global function and symptom severity: hippocampal volume change (in this case, percent change) and clinical ratings at baseline. Results are shown for unadjusted values of percent change, percent change adjusted for baseline ratings, and baseline clinical ratings adjusted for percent volume change.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Ratings Measure | Predictor of final clinical outcome | Estimate | Standard Error | *t*-value | *p*-value |
| No covariates | SANS | Percent change | -182.31 | 63.05 | -2.891 | 0.008 |
| SAPS | Percent change | 0.6447 | 43.1178 | 0.015 | 0.99 |
| CGAS | Percent change | 68.124 | 42.543 | 1.601 | 0.12 |
| Baseline Rating as covariate | SANS | Percent change | -49.7686 | 59.0256 | -2.537 | 0.02 |
| SANS at baseline | 0.2997 | 0.1219 | 2.458 | 0.02 |
| SAPS | Percent change | 3.1229 | 43.3436 | 0.072 | 0.94 |
| SAPS at baseline | 0.1321 | 0.1438 | 0.918 | 0.37 |
| CGAS | Percent change | 60.8686 | 40.4135 | 1.506 | 0.14 |
| CGAS at baseline | 0.3712 | 0.1871 | 1.983 | 0.06 |