|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Supplemental Table: SSRT – fractional anisotropy relationships. Regression coefficients from models with dependent variable SSRT for the three groups together and separately. All models include relevant FA value, age, and gender as predictors. | | | | | | | |
| N = 58 |  | B | | | β | p |
|  |  | Mean | SE | CI |  |  |
| r-IFC | Total (n=58) | -295 | 166 | -628, 38 | - .227 | .081 |
|  | αHC (n=19) | **-1301** | **332** | **-2006, -594** | **-.670** | **.001** |
|  | PD-noFOG (n=18) | 332 | 306 | -324, 989 | .231 | .296 |
|  | PD-FOG (n=21) | -312 | 298 | -941, 317 | -.242 | .310 |
| r-preSMA | Total | -291 | 181 | -654, 71 | - .210 | .113 |
|  | bHC | **-495** | **189** | **-898, -92** | **-.524** | **.019** |
|  | PD-noFOG | 550 | 345 | -189, 1289 | .355 | .133 |
|  | PD-FOG | -372 | 422 | -1263, 518 | -.194 | .390 |
| r-STN | Total | -212 | 152 | -516, 91 | - .181 | .167 |
|  | cHC | **-495** | **162** | **-840, -151** | **-.585** | **.008** |
|  | PD-noFOG | 427 | 240 | -88, 941 | .384 | .097 |
|  | PD-FOG | -174 | 377 | -970, 621 | -.107 | .649 |
| l-IFC | Total | -200 | 172 | -545, 146 | - .154 | .251 |
|  | HC | -399 | 223 | -873, 75 | -.459 | .093 |
|  | PD-noFOG | 319 | 715 | -1215, 1852 | .112 | .663 |
|  | PD-FOG | 766 | 466 | -217, 1749 | .392 | .119 |
| l-preSMA | dTotal | **-376** | **174** | **-724, -28** | **- .272** | **.035** |
|  | HC | -467 | 222 | -940, 6 | -.518 | .053 |
|  | PD-noFOG | -245 | 959 | -2302, 1812 | -.070 | .802 |
|  | PD-FOG | -601 | 1131 | -2987, 1785 | -.123 | .602 |
| l-STN | Total | -201 | 174 | -550, 148 | - .154 | .252 |
|  | HC | -247 | 221 | -717, 223 | -.292 | .280 |
|  | PD-noFOG | 459 | 586 | -798, 1715 | .174 | .447 |
|  | PD-FOG | 278 | 444 | -659, 1214 | .152 | .540 |
| αp=0.064 (mean[CI] of B:-898 [-1857,61]) after removal of 1 high-leverage data point  bp=0.044 (mean[CI] of B:-336 [-661,-11]) after removal of 1 high-leverage data point  cp=0.079 (mean[CI] of B:-324 [-690,43]) after removal of 1 high-leverage data point  dp=0.035 (mean[CI] of B:-397 [-738, -56]) after removal of 1 high-leverage data point | | | | | | | |