**Supplemental Digital Content Table 8.** *Partial correlations between FA/MD and CYRM-28 scores in the msTBI group, controlling for age at injury, time since-injury, and site*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| msTBI (N = 23) | Individual | | | |  | Caregiver | | | |  | Context | | | |  | Total | | | |
| *r*Y1.2 | *r*2Y(1.2) | *p* | FDR.05 |  | *r*Y1.2 | *r*2Y(1.2) | *p* | FDR.05 |  | *r*Y1.2 | *r*2Y(1.2) | *p* | FDR.05 |  | *r*Y1.2 | *r*2Y(1.2) | *p* | FDR.05 |
| FA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Genu of CC | .229 | .049 | .333 | .022 |  | .153 | .022 | .521 | .011 |  | .365 | .123 | .114 | .006 |  | .300 | .087 | .199 | .006 |
| Right UF | .270 | .069 | .250 | .017 |  | .046 | .002 | .847 | .050 |  | .141 | .018 | .553 | .050 |  | .186 | .034 | .432 | .028 |
| Left UF | .309 | .090 | .185 | .011 |  | .151 | .021 | .526 | .017 |  | .293 | .079 | .211 | .011 |  | .298 | .086 | .202 | .011 |
| Right SS | .224 | .048 | .342 | .028 |  | .142 | .019 | .551 | .022 |  | .231 | .049 | .328 | .033 |  | .232 | .052 | .324 | .017 |
| Left SS | .098 | .009 | .681 | .033 |  | -.067 | .004 | .780 | .039 |  | .180 | .030 | .447 | .039 |  | .109 | .012 | .647 | .050 |
| Right ACR | .034 | .001 | .886 | .050 |  | .179 | .030 | .451 | .006 |  | .275 | .070 | .241 | .017 |  | .185 | .033 | .435 | .033 |
| Left ACR | .051 | .003 | .831 | .044 |  | .117 | .013 | .624 | .028 |  | .262 | .063 | .265 | .022 |  | .171 | .028 | .471 | .039 |
| Right ALIC | .091 | .008 | .702 | .039 |  | .052 | .003 | .828 | .044 |  | .178 | .029 | .452 | .044 |  | .133 | .017 | .576 | .044 |
| Left ALIC | .335 | .106 | .148 | .006 |  | -.088 | .007 | .712 | .033 |  | .240 | .053 | .308 | .028 |  | .228 | .050 | .333 | .022 |
| MD |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Genu of CC | -.281 | .074 | .814 | .033 |  | -.301 | .085 | .198 | .011 |  | -.469 | .204 | .037 | .011 |  | -.405 | .158 | .077 | .017 |
| Right UF | -.006 | .000 | .981 | .050 |  | .021 | .000 | .931 | .050 |  | .045 | .002 | .850 | .050 |  | .024 | .001 | .921 | .050 |
| Left UF | .027 | .001 | .912 | .044 |  | .096 | .009 | .687 | .044 |  | -.124 | .014 | .603 | .044 |  | -.025 | .001 | .916 | .044 |
| Right SS | -.148 | .021 | .534 | .028 |  | -.187 | .033 | .431 | .022 |  | -.288 | .076 | .219 | .033 |  | -.239 | .055 | .311 | .033 |
| Left SS | -.165 | .026 | .487 | .022 |  | -.146 | .020 | .540 | .039 |  | -.407 | .153 | .075 | .022 |  | -.292 | .083 | .211 | .022 |
| Right ACR | -.286 | .077 | .221 | .011 |  | -.411 | .159 | .072 | .006 |  | -.526 | .255 | .017 | .006 |  | -.459 | .204 | .042 | .006 |
| Left ACR | -.396 | .148 | .084 | .006 |  | -.168 | .026 | .480 | .033 |  | -.469 | .203 | .037 | .017 |  | -.420 | .170 | .065 | .011 |
| Right ALIC | -.053 | .003 | .826 | .039 |  | -.249 | .058 | .291 | .017 |  | -.136 | .017 | .569 | .039 |  | -.143 | .020 | .547 | .039 |
| Left ALIC | -.203 | .039 | .391 | .017 |  | -.174 | .028 | .464 | .028 |  | -.340 | .107 | .143 | .028 |  | -.283 | .077 | .228 | .028 |

*Note.* FA = fractional anisotropy. MD = mean diffusivity. CYRM-28 = Child and Youth Resilience Measure (28-item). msTBI = moderate-to-severe traumatic brain injury. CC = corpus callosum. UF = uncinate fasciculus. SS = sagittal striatum. ACR = anterior corona radiata. ALIC = anterior limb of the internal capsule. Bold text indicates significant correlations that survived the multiple comparison (FDR) correction. FDR corrections were applied separately for FA and MD across each of the CYRM-28 scales (9 comparisons each). Squared semi-partial correlations are interpreted as small, medium, and large effect sizes when *r*2Y(1.2) = .02, .13, and .26, respectively.