|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Supplementary S7. Correlations between IQ scales and FA in white matter regions | | | | | | |
| Region\* | VIQ |  | PIQ |  | TIQ |  |
|  | r | sig. | r | sig. | r | sig. |
| ACR L | ,128 | ,471 | ,049 | ,781 | ,153 | ,388 |
| ACR R | ,310 | ,075 | ,146 | ,410 | ,269 | ,124 |
| ALIC L | ,131 | ,462 | ,096 | ,589 | ,090 | ,614 |
| **ALIC R** | **,355\*** | **,039** | ,297 | ,089 | ,318 | ,066 |
| BCC | ,245 | ,162 | ,160 | ,366 | ,162 | ,361 |
| Brainstem | -,116 | ,514 | -,040 | ,824 | -,066 | ,710 |
| CGC L | -,054 | ,760 | -,119 | ,501 | -,115 | ,519 |
| CGC R | ,064 | ,720 | -,081 | ,648 | -,019 | ,915 |
| CGH L | -,267 | ,127 | -,273 | ,119 | -,213 | ,227 |
| CGH R | ,026 | ,882 | ,025 | ,889 | ,067 | ,708 |
| EC L | -,034 | ,848 | ,114 | ,520 | ,072 | ,685 |
| EC R | ,114 | ,522 | ,109 | ,540 | ,142 | ,423 |
| **FX** | **,477\*\*** | **,004** | ,305 | ,080 | **,390\*** | **,023** |
| GCC | ,239 | ,173 | ,230 | ,191 | ,230 | ,190 |
| MCP | ,307 | ,077 | ,133 | ,455 | ,111 | ,532 |
| PCR L | ,025 | ,890 | -,075 | ,674 | -,029 | ,870 |
| PCR R | -,178 | ,314 | -,205 | ,245 | -,190 | ,281 |
| PLIC L | -,216 | ,220 | ,122 | ,491 | -,083 | ,643 |
| PLIC R | -,242 | ,168 | -,214 | ,223 | -,239 | ,174 |
| PTR L | ,141 | ,427 | ,156 | ,378 | ,186 | ,291 |
| PTR R | ,280 | ,108 | ,032 | ,857 | ,152 | ,391 |
| RLIC L | -,196 | ,267 | ,074 | ,680 | -,018 | ,920 |
| RLIC R | -,296 | ,089 | -,124 | ,486 | -,165 | ,352 |
| SCC | ,268 | ,125 | ,162 | ,359 | ,157 | ,376 |
| SCP L | -,196 | ,267 | -,020 | ,912 | -,214 | ,224 |
| SCP R | -,122 | ,491 | ,078 | ,663 | -,123 | ,489 |
| SCR L | -,002 | ,992 | -,131 | ,461 | ,000 | ,998 |
| SCR R | -,041 | ,820 | -,181 | ,307 | -,093 | ,602 |
| SFO L | ,168 | ,342 | ,159 | ,369 | ,136 | ,442 |
| SFO R | ,181 | ,306 | -,095 | ,593 | ,081 | ,650 |
| SLF L | -,080 | ,651 | -,120 | ,498 | -,122 | ,492 |
| SLF R | -,087 | ,626 | -,263 | ,133 | -,282 | ,106 |
| SS L | ,310 | ,074 | ,267 | ,127 | ,301 | ,083 |
| SS\_R | ,111 | ,532 | ,258 | ,141 | ,173 | ,328 |
| ST\_L | ,163 | ,358 | ,152 | ,390 | ,094 | ,596 |
| ST\_R | ,298 | ,087 | ,196 | ,266 | ,174 | ,326 |
| TAP\_L | ,325 | ,061 | -,009 | ,961 | ,143 | ,419 |
| TAP\_R | ,167 | ,346 | -,045 | ,798 | ,065 | ,713 |
| UNC\_L | -,146 | ,409 | -,308 | ,076 | -,183 | ,299 |
| UNC\_R | -,084 | ,638 | -,134 | ,451 | -,114 | ,520 |
| \* For abbreviations see S1; r = pearson correlation ; sig. = p-value; VIQ = verbal IQ; PIQ = performance IQ; TIQ= total IQ | | | | | | |