|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplementary S8. Correlations between FA and degree of change in VIQ per year. | | | | | | | | | | |
|  |  | Change VIQ | ALIC\_L | PLIC\_L | RLIC\_L | CGC\_R | CGC\_L | SLF\_R | SLF\_L | SFO\_L |
| Change VIQ | Correlation | 1 |  |  |  |  |  |  |  |  |
|  | Sig. | - |  |  |  |  |  |  |  |  |
| ALIC L | Correlation | **-,395\*** | 1 |  |  |  |  |  |  |  |
|  | Sig. | **,021** | - |  |  |  |  |  |  |  |
| PLIC L | Correlation | -,309 | ,632\*\* | 1 |  |  |  |  |  |  |
|  | Sig. | ,075 | ,000 | - |  |  |  |  |  |  |
| RLIC L | Correlation | -,305 | ,530\*\* | ,656\*\* | 1 |  |  |  |  |  |
|  | Sig. | ,079 | ,001 | ,000 | - |  |  |  |  |  |
| CGC R | Correlation | -,319 | ,609\*\* | ,418\* | ,396\* | 1 |  |  |  |  |
|  | Sig. | ,066 | ,000 | ,014 | ,021 | - |  |  |  |  |
| CGC L | Correlation | -,297 | ,661\*\* | ,484\*\* | ,400\* | ,845\*\* | 1 |  |  |  |
|  | Sig. | ,088 | ,000 | ,004 | ,019 | ,000 | - |  |  |  |
| SLF R | Correlation | -,176 | ,455\*\* | ,335 | ,367\* | ,418\* | ,552\*\* | 1 |  |  |
|  | Sig. | ,319 | ,007 | ,052 | ,033 | ,014 | ,001 | - |  |  |
| SLF L | Correlation | -,261 | ,486\*\* | ,502\*\* | ,613\*\* | ,438\*\* | ,567\*\* | ,756\*\* | 1 |  |
|  | Sig. | ,136 | ,004 | ,002 | ,000 | ,010 | ,000 | ,000 | - |  |
| SFO L | Correlation | -,226 | ,631\*\* | ,403\* | ,572\*\* | ,337 | ,256 | ,367\* | ,414\* | 1 |
|  | Sig. | ,199 | ,000 | ,018 | ,000 | ,051 | ,143 | ,033 | ,015 | - |
| \*= significant at p<.05; \*\*=significant at p<.01; ALIC L= anterior limb of the internal capsule, left; PLIC L= posterior limb of the internal capsule, left; RLIC L= rentrolenticular part of the internal capsule, left; CGC R; cingulum bundle, around cingulate gyrus, right; CGC L= cingulum bundle, around cingulate gyrus, left; SLF R= superior longitudinal fasciculus, right; SLF L= superior longitudinal fasciculus, left; SFO L= superior fronto-occipital gyrus, left; Sig.= significance level; Correlation= Pearson. | | | | | | | | | | |