Supplemental Table 1: Diagnostic group effect on FA *without* including mother’s highest education as a covariate

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Schizophrenia (SZ)** | **Relatives** | **Healthy Controls (HC)** | **Diagnostic Group** | | **SZ Vs Relatives** | **SZ Vs HC** | **HC Vs Relatives** |
|  | FA (Mean ± SD) | FA (Mean ± SD) | FA (Mean ± SD) | F (2,431) | p | P | p | p |
| **L. Post Thalamic Radiation** | 0.49±0.031 | 0.51±0.026 | 0.51±0.025 | 3.87 | **0.022** | **0.027** | **0.02** | 1.00 |
| **L. Post Corona Radiata** | 0.45±0.033 | 0.44±0.032 | 0.44±0.028 | 4.21 | **0.015** | **0.04** | **0.01** | 1.00 |
| **L. Stria Terminalis** | 0.40±0.033 | 0.42±0.032 | 0.42±0.028 | 4.88 | **0.008** | **0.006** | **0.01** | 1.00 |
| **R. Stria Terminalis** | 0.37±0.035 | 0.40±0.033 | 0.40±0.031 | 4.08 | **0.018** | **0.03** | **0.01** | 1.00 |
| **L. Fornix** | 0.27±0.109 | 0.39±0.114 | 0.40±0.112 | 4.80 | **0.009** | **0.006** | **0.02** | 1.00 |
| **R. Fornix** | 0.31±0.096 | 0.42±0.104 | 0.41±0.087 | 5.28 | **0.005** | **0.005** | **0.02** | 1.00 |
| **L. Body of Corpus callosum** | 0.50±0.083 | 0.56±0.048 | 0.56±0.041 | 11.63 | **<0.001** | **<0.001** | **<0.001** | 0.48 |
| **R. Body of Corpus Callosum** | 0.50±0.081 | 0.55±0.049 | 0.55±0.049 | 7.68 | **0.001** | **<0.001** | **0.003** | 0.50 |

p values in bold font denote statistical significance; all significance values are Bonferroni-corrected

Wilk’s λ = 0.746, F(86, 778)=1.43, p=0.009 (overall model including age, sex and site but not mother’s highest education as a covariate)

Wilk’s λ = 0.87, F(43, 371)=1.33, p=0.09 (mother’s highest education as a covariate)