

Supplemental Material

Tract	FA	FD	FC	FDC
Left Cingulum retrosplenial	-	-	<0.0001	0.0001
Right Cingulum retrosplenial	-	-	0.0001	0.0001
Left Cingulum subgenual	-	-	<0.0001	0.0001
Right Cingulum subgenual	-	-	<0.0001	0.0001
Left Cingulum parahippocampal parietal	0.0019	-	-	-
Right Cingulum parahippocampal parietal	0.0052	0.0203	-	-
Left Cingulum parahippocampal temporal	-	<0.0001	-	0.0001
Right Cingulum parahippocampal temporal	-	<0.0001	-	0.0006
Left Corticospinal Inferior	-	<0.0001	0.0031	0.0001
Right Corticospinal Inferior	-	<0.0001	0.0014	0.0001
Left Corticospinal Superior	-	-	-	-
Right Corticospinal Superior	-	-	-	-
Forceps Major	-	-	-	-
Forceps Minor	<0.0001	<0.0001	-	0.0001
Fornix	<0.0001	<0.0001	-	0.0001
Left IFOF	<0.0001	0.0008	-	-
Right IFOF	<0.0001	0.0019	-	0.0088
Left ILF	0.0076	-	-	-
Right ILF	0.0015	-	-	0.0302
Left Internal Capsule	0.0002	<0.0001	-	0.0001
Right Internal Capsule	<0.0001	<0.0001	-	0.0003
Left SLF I	<0.0001	-	0.0049	-
Right SLF I	<0.0001	-	0.0006	-
Left SLF II	<0.0001	-	-	-
Right SLF II	0.0018	-	-	-
Left SLF III	0.0003	-	-	-
Right SLF III	<0.0001	-	-	-
Left Uncinate Fasciculus	-	<0.0001	-	0.0004
Right Uncinate Fasciculus	0.0223	-	-	0.0298

Table 1 Results of tract-specific analysis using 10,000 permutations to correct for multiple comparisons. This table shows corresponding significant p-values for younger greater than older adults for FA, FD, FC and FDC. Dashes represent no significant difference.

Tract	FA	FD	FC	FDC
Left Cingulum retrosplenial	-	-	-	-
Right Cingulum retrosplenial	0.0107	-	-	-
Left Cingulum subgenual	-	-	-	-
Right Cingulum subgenual	0.0023	-	-	-
Left Cingulum parahippocampal parietal	-	-	-	-
Right Cingulum parahippocampal parietal	-	-	-	-
Left Cingulum parahippocampal temporal	-	-	-	-
Right Cingulum parahippocampal parietal	-	-	-	-
Left Corticospinal Inferior	-	-	-	-
Right Corticospinal Inferior	-	-	-	-
Left Corticospinal Superior	-	-	-	-
Right Corticospinal Superior	-	-	-	-
Forceps Major	-	-	0.0463	-
Forceps Minor	-	-	-	-
Fornix	-	-	0.0001	-
Left IFOF	-	-	-	-
Right IFOF	-	-	-	-
Left ILF	-	-	-	-
Right ILF	-	-	-	-
Left Internal Capsule	-	-	-	-
Right Internal Capsule	-	-	-	-
Left SLF I	-	0.0111	-	-
Right SLF I	-	-	-	-
Left SLF II	-	-	-	-
Right SLF II	-	-	-	-
Left SLF III	-	-	-	-
Right SLF III	-	-	-	-
Left Uncinate Fasciculus	-	-	-	-
Right Uncinate Fasciculus	-	-	-	-

Table 2 Results of tract-specific analysis using 10,000 permutations to correct for multiple comparisons. This table shows corresponding significant p-values for older greater than younger adults for FA, FD, FC and FDC. Dashes represent no significant difference.