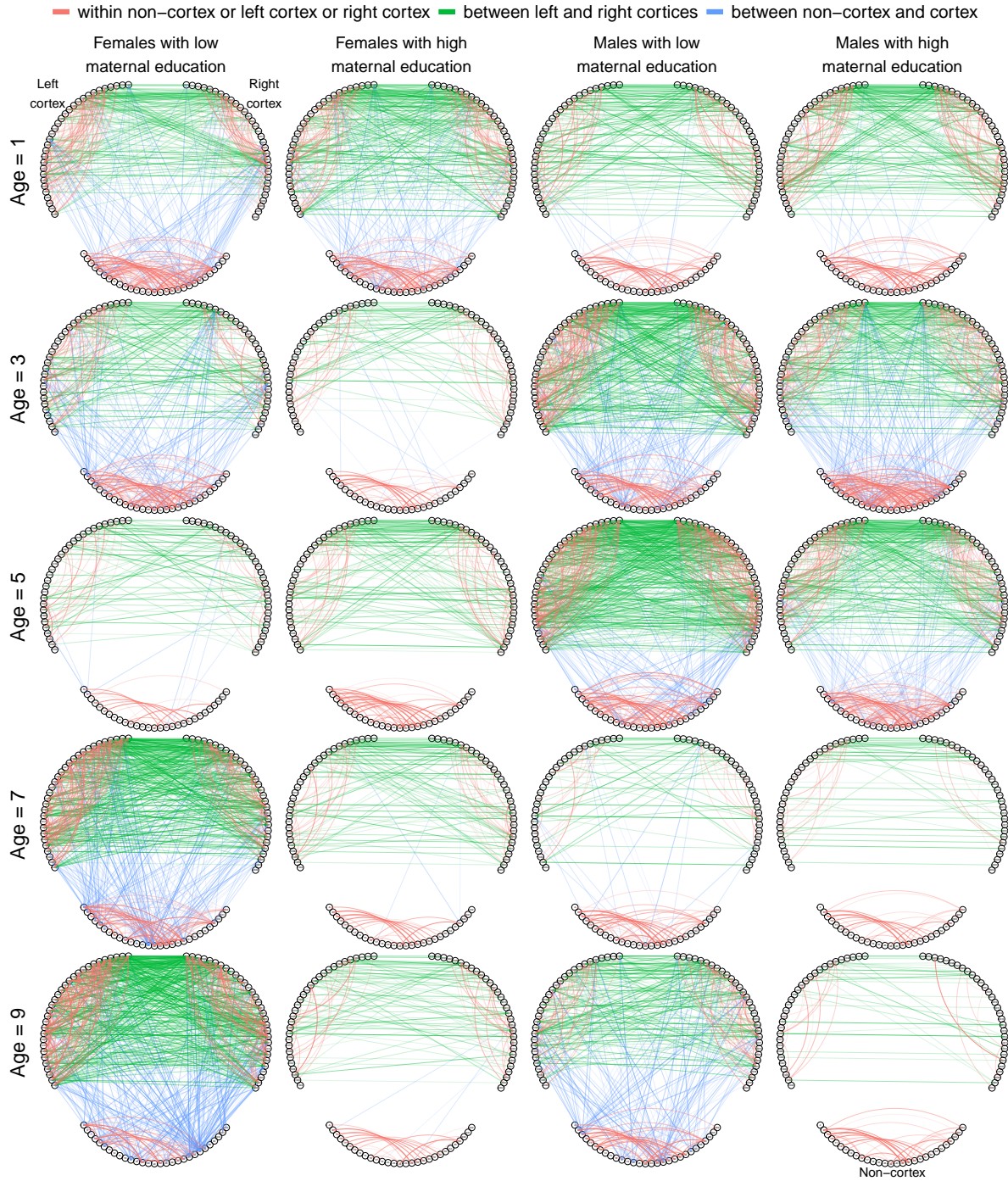


## Supplementary material

**Table S1.** Anatomical regions of interest (ROIs) for the DKT atlas. See also <https://mindboggle.readthedocs.io/en/latest/labels.html>.

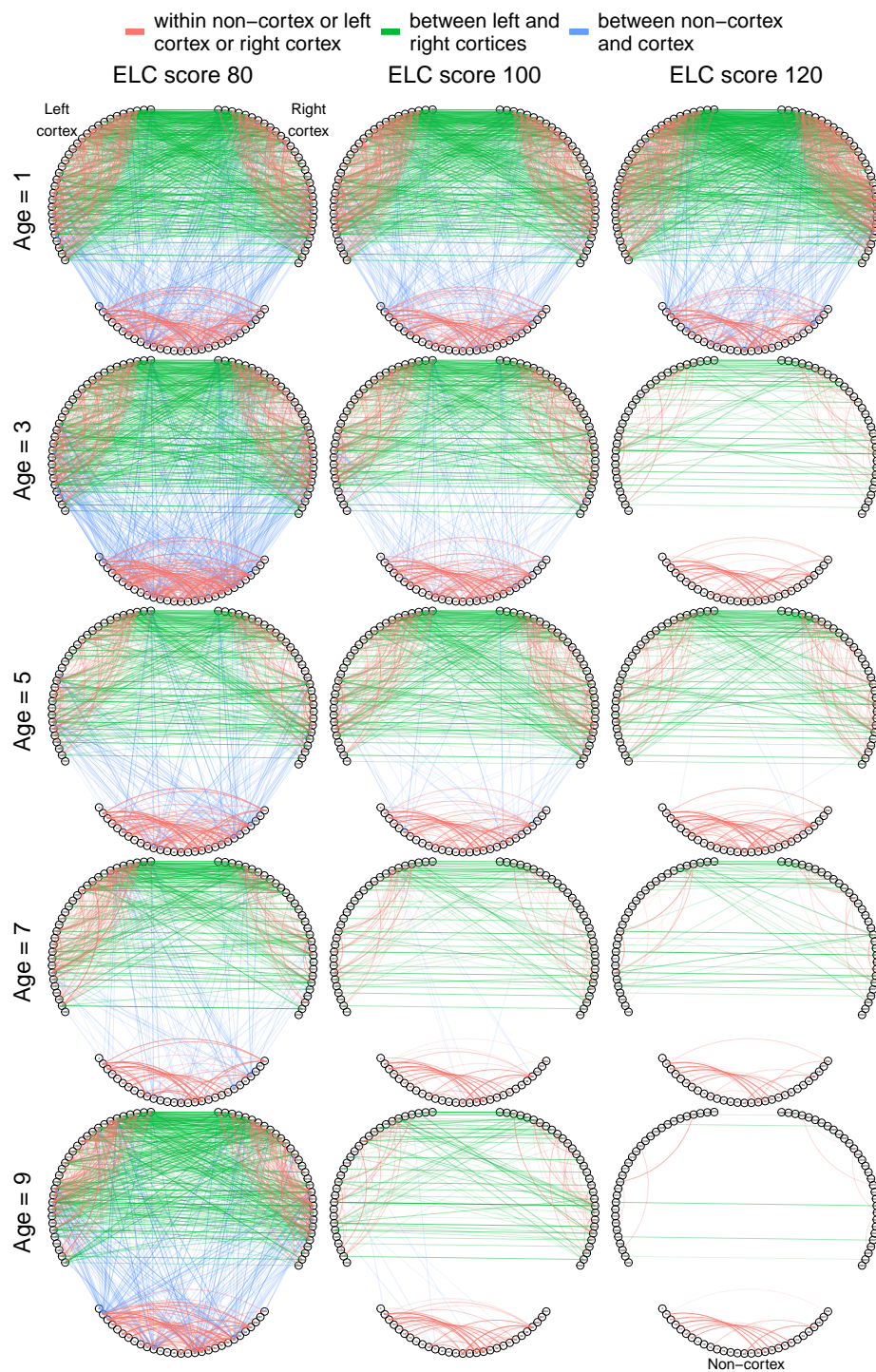
ROI	Description
Non-cortex	
4	left lateral ventricle
6	left cerebellum exterior
7	left cerebellum white matter
10	left thalamus proper
11	left caudate
12	left putamen
13	left pallidum
14	3rd ventricle
15	4th ventricle
16	brain stem
17	left hippocampus
18	left amygdala
24	CSF
26	left accumbens area
28	left ventral DC
43	right lateral ventricle
45	right cerebellum exterior
46	right cerebellum white matter
49	right thalamus proper
50	right caudate
51	right putamen
52	right pallidum
53	right hippocampus
54	right amygdala
58	right accumbens area
60	right ventral DC
630	cerebellar vermal lobules I-V
631	cerebellar vermal lobules VI-VII
632	cerebellar vermal lobules VIII-X
Cortex	
Left cortex	
1002	left caudal anterior cingulate
1003	left caudal middle frontal
1005	left cuneus
1006	left entorhinal
1007	left fusiform
1008	left inferior parietal
1009	left inferior temporal
1010	left isthmus cingulate
1011	left lateral occipital
1012	left lateral orbitofrontal
1013	left lingual
1014	left medial orbitofrontal
1015	left middle temporal
1016	left parahippocampal
1017	left paracentral
1018	left pars opercularis
1019	left pars orbitalis
1020	left pars triangularis
1021	left pericalcarine
1022	left postcentral
1023	left posterior cingulate
1024	left precentral
1025	left precuneus
1026	left rostral anterior cingulate
1027	left rostral middle frontal
1028	left superior frontal
1029	left superior parietal
1030	left superior temporal
1031	left supramarginal
1034	left transverse temporal

1035	left insula
Right cortex	
2002	right caudal anterior cingulate
2003	right caudal middle frontal
2005	right cuneus
2006	right entorhinal
2007	right fusiform
2008	right inferior parietal
2009	right inferior temporal
2010	right isthmus cingulate
2011	right lateral occipital
2012	right lateral orbitofrontal
2013	right lingual
2014	right medial orbitofrontal
2015	right middle temporal
2016	right parahippocampal
2017	right paracentral
2018	right pars opercularis
2019	right pars orbitalis
2020	right pars triangularis
2021	right pericalcarine
2022	right postcentral
2023	right posterior cingulate
2024	right precentral
2025	right precuneus
2026	right rostral anterior cingulate
2027	right rostral middle frontal
2028	right superior frontal
2029	right superior parietal
2030	right superior temporal
2031	right supramarginal
2034	right transverse temporal
2035	right insula



**Figure S1.** SCNs at ages 1, 3, 5, 7, 9 for the four groups divided by sex and maternal education using circle layout. Rows from top to bottom correspond to the five ages. Columns from left to right correspond to the four groups: females with low maternal education, females with high maternal education, males with low maternal education, males with high maternal education. The non-cortical regions are placed on the top. The left and right cortical regions are placed on the bottom left and right, respectively; see Table S1 for details of ROIs.





**Figure S2.** SCNs at ages 1, 3, 5, 7, 9 for ELC scores 80, 100, and 120 using circle layout. Rows from top to bottom correspond to the five ages. Columns from left to right correspond to the three ELC scores. The non-cortical regions are placed on the top. The left and right cortical regions are placed on the bottom left and right, respectively; see Table S1 for details of ROIs.