

Supplementary Materials of

Title

Bridging Cytoarchitectonics and Connectomics in Human Cerebral Cortex

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Supplemental Table 1. Mapping Von Economo atlas to Desikan-Killiany atlas. Region numbers in the Desikan-Killiany atlas correspond to the region numbers shown in Figure 1.

Von Economo - Koskinas atlas regioncode regionname	Desikan-Killiany atlas regionnumber(s) and regionname(s)*
Frontal lobe	
FA precentral gyrus	precentral_1, precentral_2, precentral_3, superiorfrontal_4
FB granular frontal area	precentral_4, superiorfrontal_4, caudalmiddlefrontal_1
FC intermediate frontal area	superiorfrontal_3, caudalmiddlefrontal_1

FCBm	magnocellular agranular intermediated frontal	parsopercularis_1
FD	granular frontal area	superiorfrontal_2, rostralmiddlefrontal_1
FDdelta	middle granular frontal area	rostralmiddlefrontal_2
FDT	triangular granular frontal area	parstriangularis_1
FE	frontalpolar area	parsorbitalis_1, rostralmiddlefrontal_3, superiorfrontal_1, frontalpole_1
FF	orbital area (agranula orbital area Ffalpa)	parsorbitalis_1, lateralorbitofrontal_1, lateralorbitofrontal_2
FG	straight area	lateralorbitofrontal_2
FH	prefrontal area	medialorbitofrontal_1
FI	frontoinsular area	lateralorbitofrontal_1
FK	frontal piriform area	lateralorbitofrontal_1
FL	parolfactory area	medialorbitofrontal_1
FM	geniculate area	medialorbitofrontal_1
FN	precommissural	medialorbitofrontal_1
Parietal lobe		
PA	postcentral giant pyramidal area PA1 and postparacentral giant pyramidal area PA2	postcentral_1, postcentral_2, postcentral_3, paracentral_1
PB1	oral postcentral area granulosa	postcentral_1, postcentral_2, postcentral_3
PB2	oral postcentral area simplex	postcentral_1, postcentral_2, postcentral_3
PC	intermediate postcentral area	postcentral_1, postcentral_2, postcentral_3
PD	caudal postcentral area	postcentral_1, postcentral_2, postcentral_3
PE	superior parietal area	superiorparietal_1, superiorparietal_2, superiorparietal_3, precuneus_2, precuneus_1
PF	supramarginal area	supramarginal_2, supramarginal_1
PG	angular area	inferiorparietal_1, inferiorparietal_2
PH	Basal temporo-occipital parietal area	inferiortemporal_2, middletemporal_1, bankssts_1, fusiform_1, lingual_1

Insular cortex		
IA	precentral insular area	insula_2
IB	postcentral insular area	insula_1
Occipital lobe		
OA	peristriate area	lateraloccipital_2, inferiorparietal_1, superiorparietal_3, cuneus_1, lingual_1, lingual_2
OB	parastriate area	cuneus_1, lingual_1, lingual_2, 1 lateraloccipital_1
OC	striate area	1 lateraloccipital_1, pericalcarine_1
Temporal Lobe		
TA	superior temporal area	transversetemporal_1, superiortemporal_2
TB	supratemporal area simplex	transversetemporal_1
TC	supratemporal area granulosa	transversetemporal_1
TD	intercalated supratemporal area	transversetemporal_1
TE	temporal area proper	inferiortemporal_2, middletemporal_1, superiortemporal_2, middletemporal_2, inferiortemporal_1, superiortemporal_1
TF	fusiform area	fusiform_2
TG	temporopolar area	temporalpole_1, inferiortemporal_1
Cingulate cortex		
LA1	precingulate agranular anterior limbic area	rostralanteriorcingulate_1, caudalanteriorcingulate_1
LA2	precingulate agranular anterior limbic area	rostralanteriorcingulate_1, caudalanteriorcingulate_1
LC1	dorsal posterior cingulate area	precuneus_2
LC2	ventral posterior cingulate area	posteriorcingulate_1, isthmuscingulate_1
LC3	precingulate agranular anterior limbic area	posteriorcingulate_1
LD	angranular retrosplenial area	isthmuscingulate_1
LE1	superior retrosplenial area granulosa	isthmuscingulate_1
LE2	inferior retrosplenial area granulosa	isthmuscingulate_1

Hippocampal lobe		
HA	uncinate area	entorhinal_1
HB	parauncinate area	entorhinal_1
HC	rhinal area limitans	parahippocampal_1

* region subnumbers are study specific