

Supplementary Table 6: Surface area measurements for regions of DK atlas. Coefficients of variation (CoV) are given as % x 100. Statistically significant differences (at $p < 0.05$ after FDR correction) of the parameter values and associated CoVs between non-motion corrected and motion corrected datasets are given with *.

bankssts		
s. area (1e3 mm ²)	0.92 ± 0.14	0.99 ± 0.11*
CoV	6.06 ± 6.21	1.53 ± 0.89
ICC	0.75	0.97
caudalanteriorcingulate		
s. area (1e3 mm ²)	0.63 ± 0.11	0.70 ± 0.11*
CoV	8.36 ± 9.17	1.76 ± 1.24
ICC	0.68	0.98
caudalmiddlefrontal		
s. area (1e3 mm ²)	2.37 ± 0.49	2.51 ± 0.44*
CoV	6.85 ± 7.30	0.96 ± 0.78*
ICC	0.85	1.00
cuneus		
s. area (1e3 mm ²)	1.53 ± 0.25	1.68 ± 0.19*
CoV	9.81 ± 10.12	1.23 ± 0.65*
ICC	0.57	0.98
entorhinal		
s. area (1e3 mm ²)	0.44 ± 0.07	0.45 ± 0.07
CoV	6.19 ± 5.09	4.26 ± 2.62
ICC	0.79	0.89
fusiform		
s. area (1e3 mm ²)	2.95 ± 0.45	3.20 ± 0.37*
CoV	7.12 ± 10.56	0.85 ± 0.60*
ICC	0.63	0.99
inferiorparietal		
s. area (1e3 mm ²)	4.89 ± 0.78	5.34 ± 0.59*
CoV	7.04 ± 7.79	0.92 ± 0.39*
ICC	0.72	0.99

inferiortemporal		
s. area (1e3 mm ²)	3.24 ± 0.52	3.56 ± 0.36*
CoV	8.24 ± 8.31	1.28 ± 0.45*
ICC	0.65	0.98
isthmuscingulate		
s. area (1e3 mm ²)	0.97 ± 0.12	1.03 ± 0.09*
CoV	5.33 ± 6.81	1.43 ± 0.86
ICC	0.72	0.96
lateraloccipital		
s. area (1e3 mm ²)	5.10 ± 0.78	5.41 ± 0.55*
CoV	5.68 ± 8.30	0.81 ± 0.49*
ICC	0.77	0.99
lateralorbitofrontal		
s. area (1e3 mm ²)	2.54 ± 0.42	2.78 ± 0.29*
CoV	8.08 ± 8.67	2.08 ± 1.69
ICC	0.68	0.94
lingual		
s. area (1e3 mm ²)	2.97 ± 0.57	3.29 ± 0.35*
CoV	9.49 ± 13.62	1.37 ± 0.48*
ICC	0.68	0.98
medialorbitofrontal		
s. area (1e3 mm ²)	1.83 ± 0.35	2.01 ± 0.23*
CoV	9.66 ± 8.09	3.54 ± 1.82*
ICC	0.71	0.89
middletemporal		
s. area (1e3 mm ²)	3.36 ± 0.54	3.64 ± 0.36*
CoV	6.65 ± 6.18	0.89 ± 0.47*
ICC	0.77	0.99
parahippocampal		
s. area (1e3 mm ²)	0.63 ± 0.06	0.65 ± 0.05
CoV	4.85 ± 7.04	2.38 ± 1.13
ICC	0.63	0.86

paracentral		
s. area (1e3 mm ²)	1.45 ± 0.16	1.52 ± 0.14*
CoV	5.55 ± 5.75	0.98 ± 0.61
ICC	0.66	0.98
parsopercularis		
s. area (1e3 mm ²)	1.49 ± 0.19	1.56 ± 0.19*
CoV	4.64 ± 4.85	1.39 ± 0.37*
ICC	0.77	0.99
parsorbitalis		
s. area (1e3 mm ²)	0.74 ± 0.11	0.81 ± 0.07*
CoV	7.80 ± 6.84	1.53 ± 0.85*
ICC	0.65	0.96
parstriangularis		
s. area (1e3 mm ²)	1.40 ± 0.23	1.47 ± 0.21*
CoV	6.35 ± 7.39	1.51 ± 0.86*
ICC	0.76	0.99
pericalcarine		
s. area (1e3 mm ²)	1.42 ± 0.29	1.57 ± 0.21*
CoV	10.67 ± 10.86	1.33 ± 0.84*
ICC	0.68	0.99
postcentral		
s. area (1e3 mm ²)	4.01 ± 0.58	4.23 ± 0.49*
CoV	5.35 ± 8.45	0.57 ± 0.22*
ICC	0.72	1.00
posteriorcingulate		
s. area (1e3 mm ²)	1.24 ± 0.21	1.34 ± 0.16*
CoV	6.48 ± 6.14	1.55 ± 1.08*
ICC	0.81	0.98
precentral		
s. area (1e3 mm ²)	4.89 ± 0.49	5.09 ± 0.36*

CoV	6.22 ± 7.89	0.54 ± 0.42*
ICC	0.46	0.99
precuneus		
s. area (1e3 mm ²)	3.97 ± 0.63	4.25 ± 0.44*
CoV	7.22 ± 6.84	0.82 ± 0.54*
ICC	0.76	0.99
rostralanteriorcingulate		
s. area (1e3 mm ²)	0.60 ± 0.14	0.69 ± 0.11*
CoV	12.68 ± 10.72	2.65 ± 1.60*
ICC	0.67	0.96
rostralmiddlefrontal		
s. area (1e3 mm ²)	5.50 ± 1.02	6.03 ± 0.71*
CoV	8.43 ± 9.22	1.48 ± 1.60*
ICC	0.73	0.97
superiorfrontal		
s. area (1e3 mm ²)	6.87 ± 1.10	7.47 ± 0.85*
CoV	6.81 ± 6.66	0.81 ± 0.59*
ICC	0.75	0.99
superiorparietal		
s. area (1e3 mm ²)	5.43 ± 0.83	5.77 ± 0.55*
CoV	7.13 ± 6.80	0.64 ± 0.49*
ICC	0.74	0.99
superiortemporal		
s. area (1e3 mm ²)	3.76 ± 0.45	3.95 ± 0.36*
CoV	5.03 ± 5.49	0.72 ± 0.38*
ICC	0.73	0.99
supramarginal		
s. area (1e3 mm ²)	3.84 ± 0.58	4.00 ± 0.43*
CoV	4.67 ± 5.50	1.11 ± 0.48*
ICC	0.85	0.99

frontalpole		
s. area (1e3 mm ²)	0.29 ± 0.03	0.30 ± 0.02
CoV	6.18 ± 3.74	3.15 ± 1.91*
ICC	0.59	0.76
temporalpole		
s. area (1e3 mm ²)	0.47 ± 0.04	0.47 ± 0.04
CoV	5.60 ± 2.99	2.48 ± 1.13*
ICC	0.47	0.88
transversetemporal		
s. area (1e3 mm ²)	0.39 ± 0.04	0.41 ± 0.05*
CoV	4.70 ± 4.27	1.96 ± 1.06
ICC	0.73	0.95
insula		
s. area (1e3 mm ²)	2.18 ± 0.30	2.28 ± 0.25*
CoV	3.72 ± 3.17	3.44 ± 2.22
ICC	0.90	0.84