Supplementary Table 4: Thickness 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
  thickness (mm)   2.850 ± 0.198   2.968 ± 0.122

  CoV (vertex based)   7.053 ± 5.489   2.284 ± 0.682*

  CoV (ROI based)   4.355 ± 4.568   1.182 ± 0.635

  ICC (vertex based)   0.438 ± 0.182   0.851 ± 0.094

  ICC (ROI based)   0.488   0.892

caudalanteriorcingulate
  thickness (mm)   2.803 ± 0.245   2.806 ± 0.130

  CoV (vertex based)   10.578 ± 7.437   3.949 ± 1.190*
  CoV (ROI based)   6.313 ± 6.550   2.139 ± 1.252

  ICC (vertex based)   0.426 ± 0.159   0.773 ± 0.098

  ICC (ROI based)   0.421   0.750

caudalmiddlefrontal
  thickness (mm)   2.758 ± 0.199   2.842 ± 0.151*

  CoV (vertex based)   6.702 ± 4.487   2.481 ± 1.149*

  CoV (ROI based)   3.116 ± 2.676   1.398 ± 1.191

  ICC (vertex based)   0.469 ± 0.211   0.849 ± 0.086

  ICC (ROI based)   0.743   0.890

cuneus
  thickness (mm)   2.444 ± 0.186   2.340 ± 0.134

  CoV (vertex based)   7.021 ± 5.788   2.473 ± 0.577*

  CoV (ROI based)   4.791 ± 5.155   1.102 ± 0.641*

ICC (vertex based)	0.377 ± 0.187	0.904 ± 0.058
ICC (ROI based)	0.384	0.947

entorhinal

thickness (mm)	3.052 ± 0.284	3.222 ± 0.091*
CoV (vertex based)	11.795 ± 8.701	6.479 ± 1.231*
CoV (ROI based)	7.681 ± 7.932	2.533 ± 1.711
ICC (vertex based)	0.401 ± 0.134	0.578 ± 0.200
ICC (ROI based)	0.382	0.317

fusiform

thickness (mm)	2.980 ± 0.156	3.053 ± 0.072
CoV (vertex based)	6.018 ± 4.831	2.348 ± 0.653*
CoV (ROI based)	2.890 ± 4.072	0.821 ± 0.540
ICC (vertex based)	0.475 ± 0.177	0.807 ± 0.115
ICC (ROI based)	0.493	0.835

inferiorparietal

thickness (mm)	2.901 ± 0.124	2.942 ± 0.126*
CoV (vertex based)	6.079 ± 4.519	1.961 ± 0.342*
CoV (ROI based)	1.783 ± 1.461	0.573 ± 0.227*
ICC (vertex based)	0.468 ± 0.215	0.914 ± 0.047
ICC (ROI based)	0.746	0.978

inferiortemporal

thickness (mm)	3.098 ± 0.215	3.186 ± 0.128
CoV (vertex based)	6.585 ± 5.255	2.365 ± 0.855*

CoV (ROI based)	3.161 ± 4.187	0.909 ± 0.613
ICC (vertex based)	0.508 ± 0.203	0.845 ± 0.113
ICC (ROI based)	0.645	0.926

isthmuscingulate		
thickness (mm)	2.863 ± 0.135	2.818 ± 0.131
CoV (vertex based)	7.034 ± 4.003	3.432 ± 0.822*
CoV (ROI based)	2.035 ± 2.147	1.086 ± 0.723
ICC (vertex based)	0.534 ± 0.181	0.824 ± 0.074
ICC (ROI based)	0.679	0.920

lateraloccipital		
thickness (mm)	2.680 ± 0.156	2.621 ± 0.139*
CoV (vertex based)	5.511 ± 3.941	2.161 ± 0.568*
CoV (ROI based)	2.365 ± 2.308	0.795 ± 0.410*
ICC (vertex based)	0.553 ± 0.196	0.926 ± 0.039
ICC (ROI based)	0.726	0.971

lateralorbitofrontal		
thickness (mm)	3.039 ± 0.102	3.082 ± 0.104
CoV (vertex based)	6.379 ± 3.576	3.083 ± 0.638*
CoV (ROI based)	2.945 ± 2.763	1.029 ± 0.552
ICC (vertex based)	0.348 ± 0.196	0.744 ± 0.156
ICC (ROI based)	0.259	0.880

lingual		
thickness (mm)	2.519 ± 0.218	2.414 ± 0.151*

CoV (vertex based)	8.400 ± 5.597	3.251 ± 0.697*
CoV (ROI based)	3.253 ± 2.737	1.268 ± 0.651*
ICC (vertex based)	0.485 ± 0.173	0.871 ± 0.064
ICC (ROI based)	0.772	0.946
medialorbitofrontal		
thickness (mm)	3.108 ± 0.215	3.002 ± 0.132
CoV (vertex based)	9.157 ± 5.170	4.102 ± 1.357*
CoV (ROI based)	5.103 ± 3.795	1.103 ± 0.664*
ICC (vertex based)	0.381 ± 0.145	0.672 ± 0.200
ICC (ROI based)	0.404	0.916
middletemporal		
thickness (mm)	3.139 ± 0.167	3.249 ± 0.105*
CoV (vertex based)	6.712 ± 5.584	2.167 ± 0.645*
CoV (ROI based)	3.332 ± 4.575	0.748 ± 0.599*
ICC (vertex based)	0.431 ± 0.202	0.850 ± 0.117
ICC (ROI based)	0.415	0.914
parahippocampal		
thickness (mm)	2.841 ± 0.265	2.970 ± 0.213
CoV (vertex based)	8.026 ± 7.207	3.512 ± 0.860*
CoV (ROI based)	4.956 ± 7.118	1.130 ± 0.756
ICC (vertex based)	0.478 ± 0.136	0.819 ± 0.109
ICC (ROI based)	0.520	0.961
paracentral		

thickness (mm)	2.858 ± 0.116	2.892 ± 0.134
CoV (vertex based)	6.340 ± 4.088	2.292 ± 0.683*
CoV (ROI based)	2.440 ± 2.028	1.152 ± 0.596
ICC (vertex based)	0.429 ± 0.166	0.882 ± 0.090
ICC (ROI based)	0.546	0.922

parsopercularis
thickness (mm)	2.809 ± 0.177	2.899 ± 0.106
CoV (vertex based)	6.084 ± 4.380	2.180 ± 0.735*
CoV (ROI based)	3.740 ± 3.418	1.059 ± 0.577*
ICC (vertex based)	0.496 ± 0.226	0.834 ± 0.143
ICC (ROI based)	0.572	0.891

parsorbitalis
thickness (mm)	3.169 ± 0.137	3.175 ± 0.155
CoV (vertex based)	5.714 ± 3.546	2.211 ± 0.700*
CoV (ROI based)	2.473 ± 2.008	1.135 ± 0.655
ICC (vertex based)	0.428 ± 0.169	0.877 ± 0.058
ICC (ROI based)	0.575	0.925

parstriangularis
thickness (mm)	2.901 ± 0.150	2.889 ± 0.134
CoV (vertex based)	6.409 ± 4.489	2.188 ± 0.917*
CoV (ROI based)	3.148 ± 2.841	0.763 ± 0.308*
ICC (vertex based)	0.434 ± 0.280	0.868 ± 0.087
ICC (ROI based)	0.518	0.967

pericalcarine

thickness (mm)	2.177 ± 0.264	2.023 ± 0.165
CoV (vertex based)	9.294 ± 6.250	3.808 ± 0.602*
CoV (ROI based)	6.291 ± 5.611	2.064 ± 1.036
ICC (vertex based)	0.421 ± 0.204	0.856 ± 0.075
ICC (ROI based)	0.566	0.916

postcentral

thickness (mm)	2.457 ± 0.143	2.476 ± 0.132
CoV (vertex based)	7.594 ± 5.268	2.488 ± 0.334*
CoV (ROI based)	2.873 ± 1.973	0.988 ± 0.334*
ICC (vertex based)	0.400 ± 0.208	0.894 ± 0.066
ICC (ROI based)	0.682	0.961

posteriorcingulate

thickness (mm)	2.627 ± 0.159	2.693 ± 0.135*
CoV (vertex based)	8.836 ± 5.674	3.588 ± 1.170*
CoV (ROI based)	3.289 ± 3.370	1.349 ± 0.867
ICC (vertex based)	0.444 ± 0.175	0.772 ± 0.122
ICC (ROI based)	0.574	0.896

precentral

thickness (mm)	2.729 ± 0.138	2.815 ± 0.131*
CoV (vertex based)	7.203 ± 4.766	2.377 ± 0.768*
CoV (ROI based)	3.067 ± 2.060	1.160 ± 0.769*
ICC (vertex based)	0.337 ± 0.193	0.863 ± 0.095
ICC (ROI based)	0.589	0.915

precuneus

thickness (mm)	2.790 ± 0.118	2.828 ± 0.116
CoV (vertex based)	6.527 ± 4.014	2.276 ± 0.580*
CoV (ROI based)	2.313 ± 1.611	0.773 ± 0.350*
ICC (vertex based)	0.456 ± 0.188	0.878 ± 0.074
ICC (ROI based)	0.636	0.954

rostralanteriorcingulate

thickness (mm)	3.208 ± 0.269	3.273 ± 0.149
CoV (vertex based)	9.348 ± 6.536	3.828 ± 1.411*
CoV (ROI based)	5.211 ± 4.708	1.819 ± 1.395*
ICC (vertex based)	0.398 ± 0.178	0.701 ± 0.154
ICC (ROI based)	0.549	0.770

rostralmiddlefrontal

thickness (mm)	2.883 ± 0.170	2.832 ± 0.118
CoV (vertex based)	7.405 ± 4.610	2.524 ± 0.678*
CoV (ROI based)	4.417 ± 4.079	0.895 ± 0.372*
ICC (vertex based)	0.381 ± 0.212	0.831 ± 0.102
ICC (ROI based)	0.336	0.944

superiorfrontal

thickness (mm)	3.125 ± 0.185	3.162 ± 0.132
CoV (vertex based)	7.411 ± 4.911	2.691 ± 0.997*
CoV (ROI based)	3.405 ± 2.433	1.201 ± 0.604*
ICC (vertex based)	0.413 ± 0.185	0.833 ± 0.096

ICC (ROI based)	0.621	0.899

superiorparietal

thickness (mm)	2.667 ± 0.129	2.684 ± 0.136
CoV (vertex based)	7.358 ± 5.163	2.042 ± 0.562*
CoV (ROI based)	3.035 ± 2.387	0.656 ± 0.277*
ICC (vertex based)	0.350 ± 0.219	0.921 ± 0.046
ICC (ROI based)	0.530	0.980

superiortemporal

thickness (mm)	2.951 ± 0.213	3.119 ± 0.111*
CoV (vertex based)	7.392 ± 6.131	2.082 ± 0.590*
CoV (ROI based)	4.351 ± 4.889	0.795 ± 0.614*
ICC (vertex based)	0.405 ± 0.197	0.870 ± 0.088
ICC (ROI based)	0.504	0.921

supramarginal

thickness (mm)	2.888 ± 0.127	2.968 ± 0.125*
CoV (vertex based)	6.375 ± 4.071	2.289 ± 0.516*
CoV (ROI based)	2.284 ± 1.807	0.680 ± 0.338*
ICC (vertex based)	0.453 ± 0.213	0.887 ± 0.064
ICC (ROI based)	0.654	0.966

frontalpole

thickness (mm)	3.448 ± 0.312	3.319 ± 0.201
CoV (vertex based)	6.638 ± 4.972	3.274 ± 1.776*
CoV (ROI based)	5.156 ± 4.890	2.479 ± 1.751

ICC (vertex based)	0.527 ± 0.124	0.724 ± 0.081
ICC (ROI based)	0.534	0.757

temporalpole
thickness (mm)	3.689 ± 0.247	3.888 ± 0.150*
CoV (vertex based)	7.821 ± 5.454	2.982 ± 1.100*
CoV (ROI based)	5.299 ± 4.455	1.579 ± 0.905*
ICC (vertex based)	0.275 ± 0.157	0.694 ± 0.204
ICC (ROI based)	0.390	0.795

transversetemporal
thickness (mm)	2.696 ± 0.178	2.804 ± 0.107*
CoV (vertex based)	6.185 ± 5.427	2.219 ± 0.631*
CoV (ROI based)	4.258 ± 4.655	1.265 ± 0.632*
ICC (vertex based)	0.441 ± 0.121	0.810 ± 0.091
ICC (ROI based)	0.475	0.865

insula
thickness (mm)	3.245 ± 0.172	3.294 ± 0.113
CoV (vertex based)	6.970 ± 4.578	3.554 ± 0.970*
CoV (ROI based)	3.239 ± 3.736	1.106 ± 0.542
ICC (vertex based)	0.322 ± 0.193	0.625 ± 0.203
ICC (ROI based)	0.482	0.875