Supplementary Table 1: R1 measurements for regions of Destrieux 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 *.

G_and_S_frontomargin
R1 (1/s)	0.664 ± 0.043	0.618 ± 0.015*
CoV (vertex based)	5.091 ± 3.759	1.530 ± 0.618*
CoV (ROI based)	4.657 ± 4.018	0.781 ± 0.468*
ICC (vertex based)	0.376 ± 0.062	0.659 ± 0.098
ICC (ROI based)	0.388	0.865

G_and_S_occipital_inf
R1 (1/s)	0.672 ± 0.034	0.646 ± 0.016*
CoV (vertex based)	3.339 ± 2.702	1.206 ± 0.453*
CoV (ROI based)	2.946 ± 2.795	0.654 ± 0.411*
ICC (vertex based)	0.490 ± 0.091	0.777 ± 0.071
ICC (ROI based)	0.517	0.906

G_and_S_paracentral
R1 (1/s)	0.681 ± 0.022	0.663 ± 0.020*
CoV (vertex based)	3.326 ± 2.999	1.333 ± 0.479*
CoV (ROI based)	2.711 ± 2.851	0.746 ± 0.477*
ICC (vertex based)	0.271 ± 0.166	0.791 ± 0.106
ICC (ROI based)	0.236	0.911

G_and_S_subcentral
R1 (1/s)	0.664 ± 0.031	0.635 ± 0.016*
CoV (vertex based)	4.612 ± 3.791	1.513 ± 0.498*

CoV (ROI based)	4.090 ± 3.692	0.796 ± 0.239*
ICC (vertex based)	0.241 ± 0.127	0.733 ± 0.082
ICC (ROI based)	0.229	0.893

G_and_S_transv_frontopol

R1 (1/s)	0.650 ± 0.033	0.613 ± 0.012*
CoV (vertex based)	4.384 ± 3.294	1.452 ± 0.578*
CoV (ROI based)	4.054 ± 3.490	0.740 ± 0.578*
ICC (vertex based)	0.337 ± 0.067	0.653 ± 0.099
ICC (ROI based)	0.312	0.776

G_and_S_cingul-Ant

R1 (1/s)	0.657 ± 0.062	0.596 ± 0.013*
CoV (vertex based)	7.052 ± 5.995	1.785 ± 0.728*
CoV (ROI based)	6.520 ± 6.335	0.683 ± 0.706*
ICC (vertex based)	0.351 ± 0.089	0.581 ± 0.126
ICC (ROI based)	0.349	0.809

G_and_S_cingul-Mid-Ant

R1 (1/s)	0.664 ± 0.053	0.611 ± 0.016*
CoV (vertex based)	6.312 ± 5.276	1.842 ± 0.669*
CoV (ROI based)	5.783 ± 5.456	0.830 ± 0.765*
ICC (vertex based)	0.312 ± 0.087	0.634 ± 0.121
ICC (ROI based)	0.333	0.832

G_and_S_cingul-Mid-Post

R1 (1/s)	0.668 ± 0.048	0.622 ± 0.017*

CoV (vertex based)	5.890 ± 4.957	1.873 ± 0.600*
CoV (ROI based)	5.480 ± 5.099	0.905 ± 0.659*
ICC (vertex based)	0.279 ± 0.063	0.634 ± 0.140
ICC (ROI based)	0.295	0.841

G_cingul-Post-dorsal

R1 (1/s)	0.656 ± 0.035	0.629 ± 0.014*
CoV (vertex based)	4.130 ± 4.074	1.706 ± 0.453*
CoV (ROI based)	3.532 ± 4.286	0.815 ± 0.337*
ICC (vertex based)	0.287 ± 0.070	0.630 ± 0.067
ICC (ROI based)	0.299	0.856

G_cingul-Post-ventral

R1 (1/s)	0.670 ± 0.032	0.645 ± 0.016*
CoV (vertex based)	4.824 ± 3.669	2.403 ± 0.797*
CoV (ROI based)	4.216 ± 3.791	1.262 ± 0.597*
ICC (vertex based)	0.213 ± 0.120	0.568 ± 0.125
ICC (ROI based)	0.209	0.735

G_cuneus

R1 (1/s)	0.671 ± 0.029	0.651 ± 0.019*
CoV (vertex based)	3.010 ± 2.638	1.131 ± 0.353*
CoV (ROI based)	2.538 ± 2.660	0.638 ± 0.431*
ICC (vertex based)	0.424 ± 0.062	0.837 ± 0.048
ICC (ROI based)	0.473	0.931

G_front_inf-Opercular

R1 (1/s)	0.649 ± 0.030	0.619 ± 0.016*
CoV (vertex based)	4.654 ± 3.913	1.489 ± 0.468*
CoV (ROI based)	4.131 ± 4.157	0.741 ± 0.409*
ICC (vertex based)	0.229 ± 0.104	0.726 ± 0.077
ICC (ROI based)	0.176	0.893

G_front_inf-Orbital

R1 (1/s)	0.654 ± 0.039	0.616 ± 0.016*
CoV (vertex based)	5.706 ± 4.662	1.611 ± 0.967*
CoV (ROI based)	5.413 ± 4.613	0.951 ± 0.960*
ICC (vertex based)	0.213 ± 0.054	0.626 ± 0.103
ICC (ROI based)	0.224	0.778

G_front_inf-Triangul

R1 (1/s)	0.645 ± 0.026	0.620 ± 0.018*
CoV (vertex based)	4.031 ± 3.597	1.378 ± 0.570*
CoV (ROI based)	3.508 ± 3.701	0.713 ± 0.568*
ICC (vertex based)	0.232 ± 0.096	0.795 ± 0.071
ICC (ROI based)	0.192	0.903

G_front_middle

R1 (1/s)	0.653 ± 0.037	0.621 ± 0.014*
CoV (vertex based)	4.547 ± 3.699	1.392 ± 0.681*
CoV (ROI based)	3.994 ± 3.740	0.773 ± 0.580*
ICC (vertex based)	0.333 ± 0.122	0.690 ± 0.105
ICC (ROI based)	0.374	0.826

G_front_sup

R1 (1/s)	0.653 ± 0.027	0.624 ± 0.016*
CoV (vertex based)	4.068 ± 3.448	1.650 ± 0.928*
CoV (ROI based)	3.426 ± 3.480	1.032 ± 0.818*
ICC (vertex based)	0.248 ± 0.128	0.665 ± 0.134
ICC (ROI based)	0.248	0.779

G_Ins_lg_and_S_cent_ins

R1 (1/s)	0.639 ± 0.033	0.614 ± 0.018*
CoV (vertex based)	4.512 ± 3.455	2.274 ± 0.385*
CoV (ROI based)	3.506 ± 3.907	1.157 ± 0.505
ICC (vertex based)	0.329 ± 0.116	0.569 ± 0.149
ICC (ROI based)	0.345	0.823

G_insular_short

R1 (1/s)	0.639 ± 0.036	0.608 ± 0.016*
CoV (vertex based)	4.985 ± 4.002	2.164 ± 0.781*
CoV (ROI based)	4.100 ± 4.324	1.094 ± 0.628
ICC (vertex based)	0.278 ± 0.092	0.542 ± 0.101
ICC (ROI based)	0.316	0.776

G_occipital_middle

R1 (1/s)	0.666 ± 0.033	0.644 ± 0.017*
CoV (vertex based)	3.076 ± 2.738	0.967 ± 0.334*
CoV (ROI based)	2.691 ± 2.657	0.416 ± 0.308*
ICC (vertex based)	0.478 ± 0.136	0.862 ± 0.044
ICC (ROI based)	0.530	0.960

G_occipital_sup

R1 (1/s)	0.670 ± 0.026	0.650 ± 0.016*
CoV (vertex based)	3.023 ± 2.447	1.047 ± 0.581*
CoV (ROI based)	2.711 ± 2.361	0.737 ± 0.616*
ICC (vertex based)	0.389 ± 0.105	0.815 ± 0.084
ICC (ROI based)	0.420	0.856

G_oc-temp_lat-fusifor

R1 (1/s)	0.674 ± 0.039	0.643 ± 0.016*
CoV (vertex based)	4.303 ± 3.655	1.532 ± 0.346*
CoV (ROI based)	3.662 ± 3.741	0.587 ± 0.445*
ICC (vertex based)	0.358 ± 0.109	0.711 ± 0.141
ICC (ROI based)	0.412	0.914

G_oc-temp_med-Lingual

R1 (1/s)	0.663 ± 0.040	0.636 ± 0.024*
CoV (vertex based)	4.058 ± 3.762	1.560 ± 0.248*
CoV (ROI based)	3.322 ± 3.851	0.742 ± 0.246*
ICC (vertex based)	0.424 ± 0.122	0.835 ± 0.065
ICC (ROI based)	0.456	0.953

G_oc-temp_med-Parahip

R1 (1/s)	0.722 ± 0.083	0.678 ± 0.021*
CoV (vertex based)	7.654 ± 6.244	4.638 ± 0.592*
CoV (ROI based)	6.889 ± 12.835	2.461 ± 0.993
ICC (vertex based)	0.162 ± 0.135	0.471 ± 0.154

ICC (ROI based)	0.014	0.492

G_orbital
R1 (1/s)	0.648 ± 0.030	0.613 ± 0.016*
CoV (vertex based)	5.033 ± 3.390	1.968 ± 0.772*
CoV (ROI based)	4.292 ± 3.470	0.870 ± 0.847*
ICC (vertex based)	0.215 ± 0.107	0.623 ± 0.113
ICC (ROI based)	0.223	0.813

G_pariet_inf-Angular
R1 (1/s)	0.653 ± 0.034	0.627 ± 0.016*
CoV (vertex based)	3.809 ± 3.572	1.094 ± 0.417*
CoV (ROI based)	3.183 ± 3.477	0.651 ± 0.414*
ICC (vertex based)	0.377 ± 0.100	0.817 ± 0.056
ICC (ROI based)	0.425	0.910

G_pariet_inf-Supramar
R1 (1/s)	0.649 ± 0.026	0.627 ± 0.015*
CoV (vertex based)	3.750 ± 3.474	1.327 ± 0.491*
CoV (ROI based)	3.002 ± 3.260	0.797 ± 0.443*
ICC (vertex based)	0.257 ± 0.129	0.744 ± 0.089
ICC (ROI based)	0.271	0.854

G_parietal_sup
R1 (1/s)	0.661 ± 0.034	0.631 ± 0.017*
CoV (vertex based)	4.215 ± 3.211	1.104 ± 0.358*
CoV (ROI based)	3.771 ± 3.267	0.657 ± 0.363*

ICC (vertex based)	0.352 ± 0.135	0.844 ± 0.056
ICC (ROI based)	0.384	0.920

G_postcentral

R1 (1/s)	0.683 ± 0.027	0.663 ± 0.021*
CoV (vertex based)	3.918 ± 3.326	1.642 ± 0.512*
CoV (ROI based)	3.094 ± 3.359	1.002 ± 0.613*
ICC (vertex based)	0.242 ± 0.130	0.747 ± 0.121
ICC (ROI based)	0.253	0.866

G_precentral

R1 (1/s)	0.682 ± 0.026	0.663 ± 0.019*
CoV (vertex based)	3.630 ± 3.469	1.465 ± 0.545*
CoV (ROI based)	2.929 ± 3.288	0.766 ± 0.500*
ICC (vertex based)	0.246 ± 0.121	0.768 ± 0.107
ICC (ROI based)	0.246	0.903

G_precuneus

R1 (1/s)	0.651 ± 0.031	0.624 ± 0.015*
CoV (vertex based)	4.226 ± 3.479	1.205 ± 0.364*
CoV (ROI based)	3.764 ± 3.514	0.652 ± 0.393*
ICC (vertex based)	0.281 ± 0.126	0.782 ± 0.104
ICC (ROI based)	0.305	0.907

G_rectus

R1 (1/s)	0.639 ± 0.037	0.599 ± 0.019*
CoV (vertex based)	6.245 ± 5.076	2.860 ± 0.953*

CoV (ROI based)	5.003 ± 4.421	1.965 ± 1.028
ICC (vertex based)	0.154 ± 0.110	0.527 ± 0.141
ICC (ROI based)	0.223	0.617

G_subcallosal

R1 (1/s)	0.693 ± 0.138	0.619 ± 0.031*
CoV (vertex based)	13.306 ± 14.706	5.872 ± 3.036*
CoV (ROI based)	11.485 ± 16.607	5.007 ± 3.723
ICC (vertex based)	0.068 ± 0.077	0.282 ± 0.144
ICC (ROI based)	0.084	0.189

G_temp_sup-G_T_transv

R1 (1/s)	0.683 ± 0.026	0.669 ± 0.029*
CoV (vertex based)	3.295 ± 2.958	1.452 ± 0.499*
CoV (ROI based)	2.587 ± 2.876	0.768 ± 0.537*
ICC (vertex based)	0.328 ± 0.131	0.877 ± 0.042
ICC (ROI based)	0.368	0.954

G_temp_sup-Lateral

R1 (1/s)	0.656 ± 0.025	0.639 ± 0.018*
CoV (vertex based)	3.417 ± 2.769	1.388 ± 0.357*
CoV (ROI based)	2.594 ± 2.446	0.749 ± 0.280*
ICC (vertex based)	0.302 ± 0.208	0.777 ± 0.070
ICC (ROI based)	0.420	0.920

G_temp_sup-Plan_polar

R1 (1/s)	0.644 ± 0.033	0.624 ± 0.017
CoV (vertex based)	4.998 ± 3.080	2.624 ± 0.736*

CoV (ROI based)	3.553 ± 3.723	1.687 ± 0.903
ICC (vertex based)	0.283 ± 0.111	0.543 ± 0.197
ICC (ROI based)	0.359	0.629

G_temp_sup-Plan_tempo

R1 (1/s)	0.656 ± 0.026	0.638 ± 0.018*
CoV (vertex based)	3.563 ± 3.410	1.363 ± 0.535*
CoV (ROI based)	2.753 ± 3.045	0.950 ± 0.493*
ICC (vertex based)	0.311 ± 0.166	0.776 ± 0.073
ICC (ROI based)	0.341	0.860

G_temporal_inf

R1 (1/s)	0.667 ± 0.036	0.631 ± 0.010*
CoV (vertex based)	4.539 ± 3.346	1.564 ± 0.601*
CoV (ROI based)	3.994 ± 3.485	0.673 ± 0.654*
ICC (vertex based)	0.330 ± 0.094	0.592 ± 0.137
ICC (ROI based)	0.365	0.722

G_temporal_middle

R1 (1/s)	0.657 ± 0.029	0.632 ± 0.012*
CoV (vertex based)	3.660 ± 2.713	1.418 ± 0.482*
CoV (ROI based)	2.932 ± 2.673	0.619 ± 0.317*
ICC (vertex based)	0.367 ± 0.110	0.642 ± 0.110
ICC (ROI based)	0.445	0.874

Lat_Fis-ant-Horizont

R1 (1/s)	0.663 ± 0.052	0.617 ± 0.024*

CoV (vertex based)	5.784 ± 4.753	1.742 ± 0.734*
CoV (ROI based)	5.364 ± 4.576	1.010 ± 0.717*
ICC (vertex based)	0.381 ± 0.084	0.775 ± 0.081
ICC (ROI based)	0.423	0.905

Lat_Fis-ant-Vertical

R1 (1/s)	0.660 ± 0.043	0.615 ± 0.021*
CoV (vertex based)	5.638 ± 4.335	1.551 ± 0.595*
CoV (ROI based)	5.314 ± 4.440	0.914 ± 0.570*
ICC (vertex based)	0.300 ± 0.064	0.794 ± 0.061
ICC (ROI based)	0.311	0.905

Lat_Fis-post

R1 (1/s)	0.683 ± 0.044	0.641 ± 0.020*
CoV (vertex based)	5.415 ± 4.756	1.685 ± 0.481*
CoV (ROI based)	4.765 ± 4.999	0.708 ± 0.487*
ICC (vertex based)	0.288 ± 0.080	0.740 ± 0.072
ICC (ROI based)	0.296	0.922

Pole_occipital

R1 (1/s)	0.672 ± 0.029	0.652 ± 0.020*
CoV (vertex based)	2.897 ± 2.185	1.336 ± 0.624*
CoV (ROI based)	2.319 ± 2.274	0.725 ± 0.633*
ICC (vertex based)	0.515 ± 0.074	0.800 ± 0.085
ICC (ROI based)	0.568	0.903

Pole_temporal

R1 (1/s)	0.654 ± 0.025	0.627 ± 0.013*
CoV (vertex based)	4.499 ± 3.115	1.937 ± 0.724*
CoV (ROI based)	3.438 ± 3.046	0.940 ± 0.541*
ICC (vertex based)	0.190 ± 0.177	0.629 ± 0.112
ICC (ROI based)	0.219	0.766

S_calcarine
R1 (1/s)	0.683 ± 0.036	0.652 ± 0.021*
CoV (vertex based)	4.364 ± 3.684	1.718 ± 0.366*
CoV (ROI based)	3.579 ± 3.996	0.678 ± 0.499*
ICC (vertex based)	0.337 ± 0.133	0.738 ± 0.174
ICC (ROI based)	0.341	0.932

S_central
R1 (1/s)	0.713 ± 0.033	0.686 ± 0.022*
CoV (vertex based)	4.019 ± 3.492	1.560 ± 0.416*
CoV (ROI based)	3.368 ± 3.456	0.842 ± 0.417*
ICC (vertex based)	0.292 ± 0.132	0.765 ± 0.104
ICC (ROI based)	0.333	0.913

S_cingul-Marginalis
R1 (1/s)	0.675 ± 0.052	0.632 ± 0.017*
CoV (vertex based)	5.430 ± 5.075	1.520 ± 0.612*
CoV (ROI based)	4.867 ± 5.219	0.747 ± 0.634*
ICC (vertex based)	0.357 ± 0.070	0.718 ± 0.114
ICC (ROI based)	0.388	0.878

S_circular_insula_ant

R1 (1/s)	0.636 ± 0.030	0.607 ± 0.013*
CoV (vertex based)	5.198 ± 4.158	2.154 ± 0.778*
CoV (ROI based)	4.433 ± 4.532	1.101 ± 0.782*
ICC (vertex based)	0.156 ± 0.095	0.491 ± 0.122
ICC (ROI based)	0.124	0.683

S_circular_insula_inf

R1 (1/s)	0.642 ± 0.036	0.614 ± 0.017*
CoV (vertex based)	4.731 ± 3.372	2.254 ± 0.457*
CoV (ROI based)	3.742 ± 3.781	0.939 ± 0.332*
ICC (vertex based)	0.365 ± 0.099	0.593 ± 0.147
ICC (ROI based)	0.387	0.869

S_circular_insula_sup

R1 (1/s)	0.665 ± 0.059	0.609 ± 0.017*
CoV (vertex based)	6.541 ± 5.241	2.063 ± 0.455*
CoV (ROI based)	6.071 ± 5.486	0.995 ± 0.404*
ICC (vertex based)	0.374 ± 0.085	0.629 ± 0.107
ICC (ROI based)	0.388	0.859

S_collat_transv_ant

R1 (1/s)	0.667 ± 0.038	0.630 ± 0.014*
CoV (vertex based)	5.157 ± 3.860	2.160 ± 0.872*
CoV (ROI based)	4.497 ± 4.077	1.176 ± 0.778*
ICC (vertex based)	0.269 ± 0.106	0.459 ± 0.172
ICC (ROI based)	0.304	0.670

S_collat_transv_post

R1 (1/s)	0.676 ± 0.042	0.641 ± 0.024*
CoV (vertex based)	4.439 ± 3.927	1.226 ± 0.383*
CoV (ROI based)	4.244 ± 4.002	0.788 ± 0.421*
ICC (vertex based)	0.413 ± 0.033	0.884 ± 0.025
ICC (ROI based)	0.391	0.942

S_front_inf

R1 (1/s)	0.671 ± 0.046	0.629 ± 0.017*
CoV (vertex based)	5.205 ± 4.013	1.616 ± 0.812*
CoV (ROI based)	4.800 ± 4.170	1.001 ± 0.836*
ICC (vertex based)	0.378 ± 0.104	0.681 ± 0.100
ICC (ROI based)	0.403	0.782

S_front_middle

R1 (1/s)	0.663 ± 0.046	0.620 ± 0.011*
CoV (vertex based)	5.384 ± 4.320	1.518 ± 0.810*
CoV (ROI based)	5.024 ± 4.434	1.001 ± 0.909*
ICC (vertex based)	0.357 ± 0.078	0.519 ± 0.127
ICC (ROI based)	0.378	0.577

S_front_sup

R1 (1/s)	0.671 ± 0.043	0.630 ± 0.012*
CoV (vertex based)	5.209 ± 4.311	1.632 ± 0.892*
CoV (ROI based)	4.723 ± 4.418	0.960 ± 0.949*
ICC (vertex based)	0.313 ± 0.080	0.596 ± 0.077

ICC (ROI based)	0.344	0.627

S_interm_prim-Jensen

R1 (1/s)	0.651 ± 0.031	0.628 ± 0.014*
CoV (vertex based)	3.629 ± 3.489	1.195 ± 0.520*
CoV (ROI based)	3.232 ± 3.359	0.831 ± 0.565*
ICC (vertex based)	0.323 ± 0.090	0.770 ± 0.100
ICC (ROI based)	0.347	0.815

S_intrapariet_and_P_trans

R1 (1/s)	0.679 ± 0.048	0.642 ± 0.019*
CoV (vertex based)	4.846 ± 4.764	1.299 ± 0.551*
CoV (ROI based)	4.373 ± 4.805	0.721 ± 0.541*
ICC (vertex based)	0.370 ± 0.078	0.788 ± 0.084
ICC (ROI based)	0.395	0.908

S_oc_middle_and_Lunatus

R1 (1/s)	0.677 ± 0.035	0.650 ± 0.018*
CoV (vertex based)	3.264 ± 2.475	1.074 ± 0.508*
CoV (ROI based)	2.947 ± 2.507	0.598 ± 0.492*
ICC (vertex based)	0.533 ± 0.087	0.838 ± 0.042
ICC (ROI based)	0.569	0.927

S_oc_sup_and_transversal

R1 (1/s)	0.677 ± 0.040	0.649 ± 0.017*
CoV (vertex based)	3.669 ± 3.458	1.099 ± 0.554*
CoV (ROI based)	3.421 ± 3.476	0.703 ± 0.579*

ICC (vertex based)	0.454 ± 0.077	0.809 ± 0.073
ICC (ROI based)	0.470	0.887

S_occipital_ant

R1 (1/s)	0.686 ± 0.040	0.654 ± 0.017*
CoV (vertex based)	3.871 ± 3.676	1.096 ± 0.341*
CoV (ROI based)	3.565 ± 3.700	0.596 ± 0.390*
ICC (vertex based)	0.420 ± 0.087	0.807 ± 0.097
ICC (ROI based)	0.444	0.924

S_oc-temp_lat

R1 (1/s)	0.678 ± 0.037	0.643 ± 0.012*
CoV (vertex based)	4.837 ± 3.985	1.633 ± 0.461*
CoV (ROI based)	4.266 ± 4.161	0.988 ± 0.448*
ICC (vertex based)	0.247 ± 0.115	0.590 ± 0.100
ICC (ROI based)	0.279	0.726

S_oc-temp_med_and_Lingual

R1 (1/s)	0.662 ± 0.042	0.626 ± 0.018*
CoV (vertex based)	4.942 ± 3.912	1.910 ± 0.465*
CoV (ROI based)	4.187 ± 4.271	0.831 ± 0.584*
ICC (vertex based)	0.346 ± 0.092	0.669 ± 0.174
ICC (ROI based)	0.380	0.878

S_orbital_lateral

R1 (1/s)	0.657 ± 0.038	0.619 ± 0.017*
CoV (vertex based)	4.854 ± 4.156	1.604 ± 0.881*

CoV (ROI based)	4.523 ± 4.177	1.141 ± 0.866*
ICC (vertex based)	0.300 ± 0.055	0.664 ± 0.060
ICC (ROI based)	0.319	0.769

S_orbital_med-olfact

R1 (1/s)	0.645 ± 0.054	0.591 ± 0.019*
CoV (vertex based)	7.832 ± 6.744	2.970 ± 1.214*
CoV (ROI based)	7.089 ± 6.483	1.869 ± 1.487*
ICC (vertex based)	0.159 ± 0.090	0.520 ± 0.156
ICC (ROI based)	0.200	0.584

S_orbital-H_Shaped

R1 (1/s)	0.667 ± 0.047	0.618 ± 0.020*
CoV (vertex based)	6.350 ± 4.827	2.000 ± 1.297*
CoV (ROI based)	5.915 ± 4.972	1.141 ± 1.421*
ICC (vertex based)	0.261 ± 0.098	0.638 ± 0.098
ICC (ROI based)	0.272	0.749

S_parieto_occipital

R1 (1/s)	0.671 ± 0.038	0.639 ± 0.017*
CoV (vertex based)	4.327 ± 3.947	1.234 ± 0.392*
CoV (ROI based)	3.836 ± 4.140	0.729 ± 0.437*
ICC (vertex based)	0.352 ± 0.089	0.795 ± 0.080
ICC (ROI based)	0.348	0.904

S_pericallosal

R1 (1/s)	0.710 ± 0.091	0.631 ± 0.020*

CoV (vertex based)	9.344 ± 7.586	2.971 ± 0.832*
CoV (ROI based)	8.543 ± 8.192	1.049 ± 0.684*
ICC (vertex based)	0.305 ± 0.148	0.591 ± 0.151
ICC (ROI based)	0.349	0.855

S_postcentral

R1 (1/s)	0.680 ± 0.041	0.647 ± 0.019*
CoV (vertex based)	4.552 ± 4.025	1.424 ± 0.453*
CoV (ROI based)	3.981 ± 4.080	0.778 ± 0.426*
ICC (vertex based)	0.331 ± 0.100	0.771 ± 0.092
ICC (ROI based)	0.388	0.911

S_precentral-inf-part

R1 (1/s)	0.670 ± 0.044	0.631 ± 0.017*
CoV (vertex based)	5.234 ± 4.441	1.637 ± 0.781*
CoV (ROI based)	4.866 ± 4.578	0.978 ± 0.861*
ICC (vertex based)	0.317 ± 0.082	0.677 ± 0.122
ICC (ROI based)	0.328	0.793

S_precentral-sup-part

R1 (1/s)	0.683 ± 0.036	0.648 ± 0.017*
CoV (vertex based)	4.766 ± 3.997	1.545 ± 0.735*
CoV (ROI based)	4.281 ± 4.038	0.885 ± 0.767*
ICC (vertex based)	0.278 ± 0.110	0.712 ± 0.070
ICC (ROI based)	0.286	0.818

S_suborbital

R1 (1/s)	0.642 ± 0.042	0.596 ± 0.015*
CoV (vertex based)	6.341 ± 5.215	2.288 ± 0.905*
CoV (ROI based)	5.253 ± 5.243	1.223 ± 0.628*
ICC (vertex based)	0.225 ± 0.109	0.557 ± 0.127
ICC (ROI based)	0.243	0.726

S_subparietal

R1 (1/s)	0.652 ± 0.039	0.617 ± 0.014*
CoV (vertex based)	5.155 ± 4.180	1.446 ± 0.440*
CoV (ROI based)	4.746 ± 4.356	0.788 ± 0.449*
ICC (vertex based)	0.260 ± 0.077	0.679 ± 0.115
ICC (ROI based)	0.279	0.851

S_temporal_inf

R1 (1/s)	0.668 ± 0.035	0.636 ± 0.009*
CoV (vertex based)	4.032 ± 3.045	1.286 ± 0.376*
CoV (ROI based)	3.518 ± 3.162	0.481 ± 0.310*
ICC (vertex based)	0.392 ± 0.061	0.576 ± 0.119
ICC (ROI based)	0.431	0.839

S_temporal_sup

R1 (1/s)	0.664 ± 0.035	0.633 ± 0.015*
CoV (vertex based)	4.401 ± 3.751	1.345 ± 0.384*
CoV (ROI based)	3.784 ± 3.913	0.668 ± 0.430*
ICC (vertex based)	0.307 ± 0.095	0.722 ± 0.116
ICC (ROI based)	0.324	0.890

S_temporal_transverse

R1 (1/s)	0.676 ± 0.029	0.657 ± 0.024
CoV (vertex based)	3.604 ± 3.260	1.574 ± 0.547*
CoV (ROI based)	3.184 ± 3.427	1.015 ± 0.385*
ICC (vertex based)	0.343 ± 0.090	0.821 ± 0.039
ICC (ROI based)	0.312	0.911