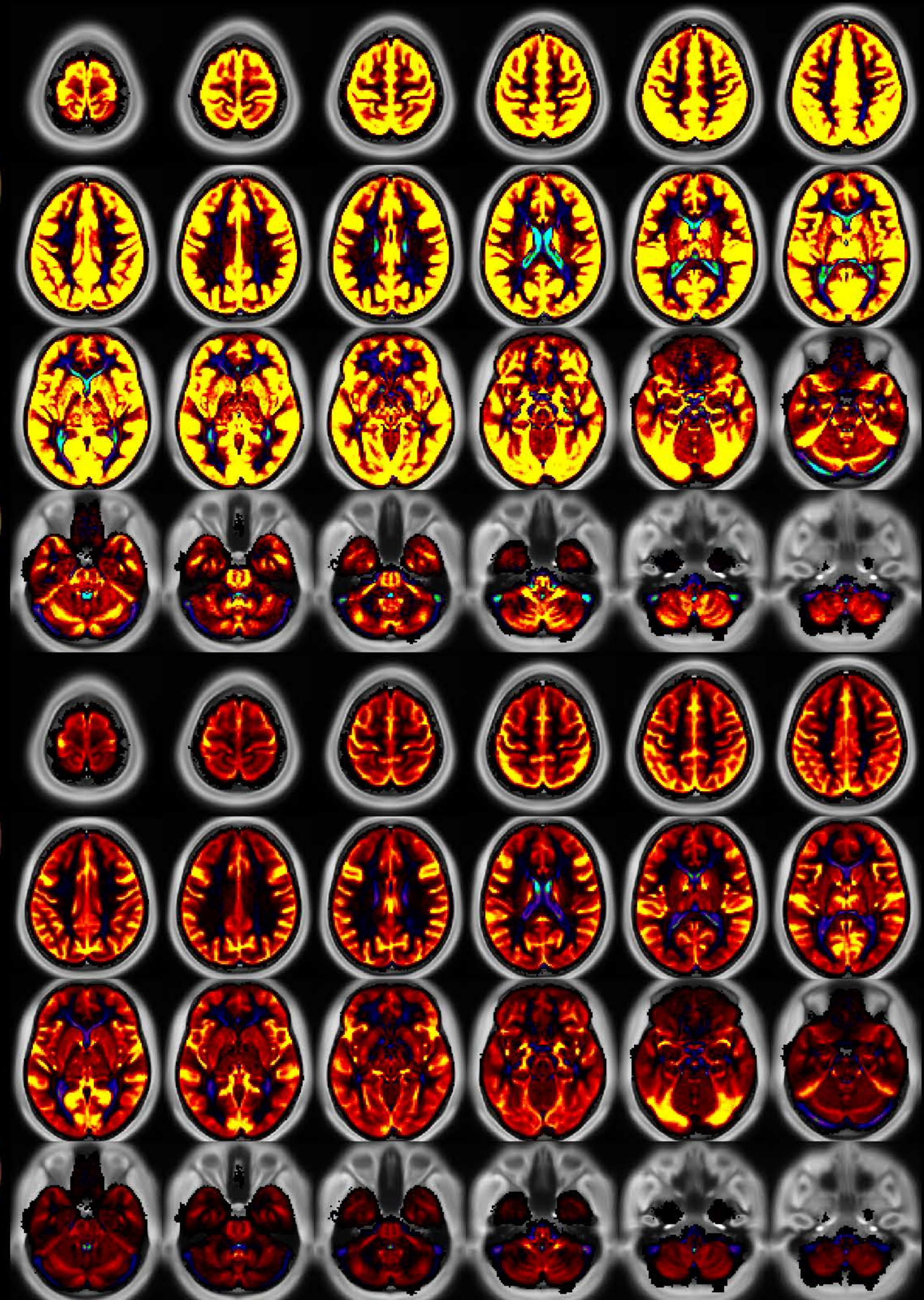
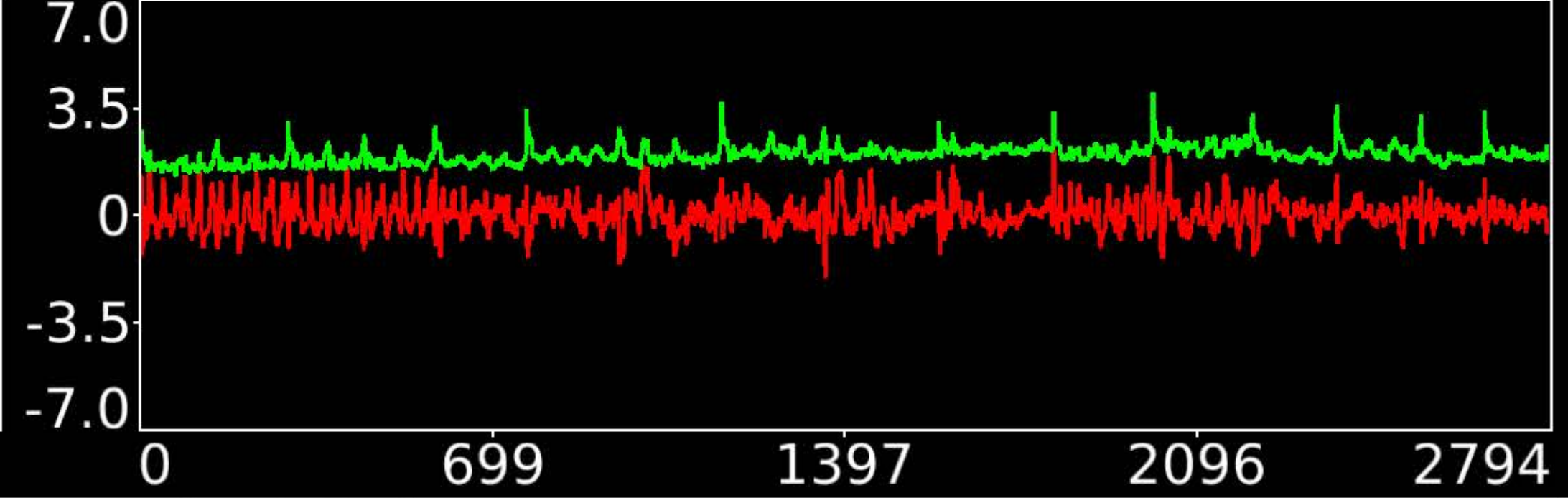
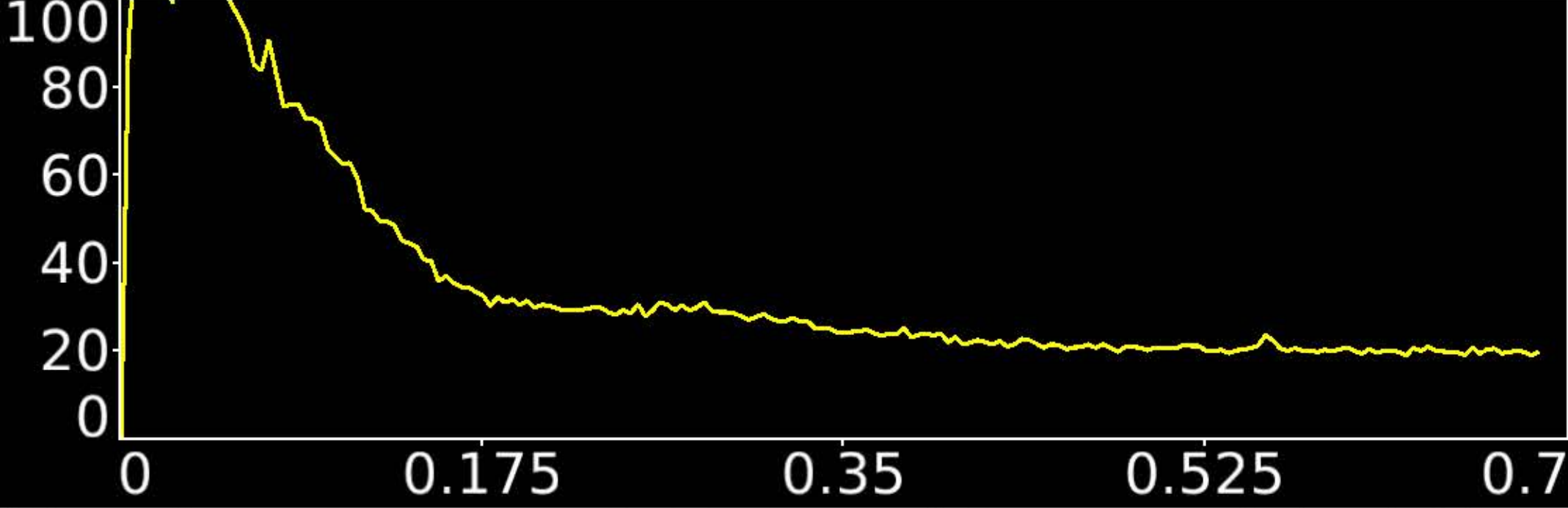


Hertz

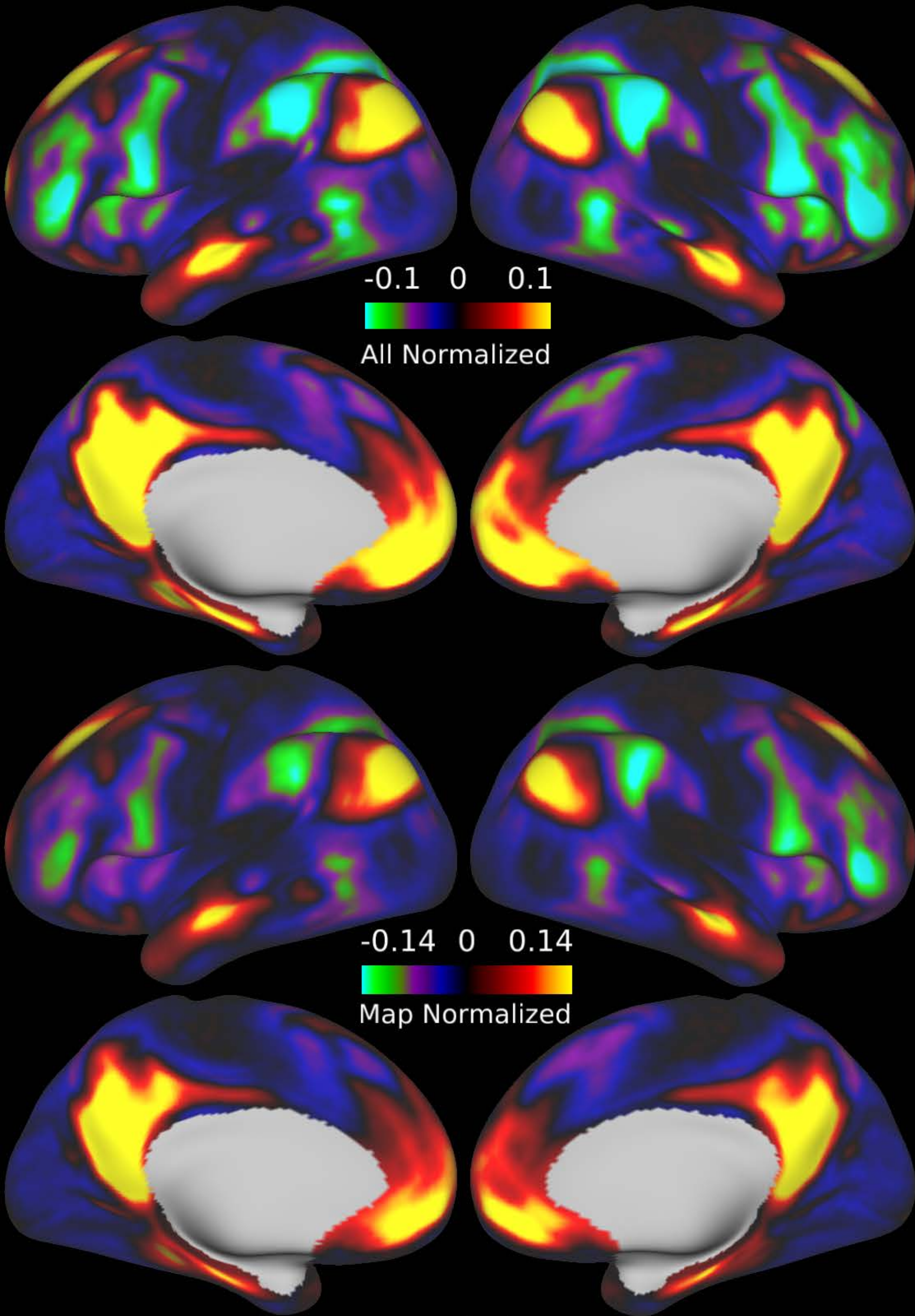


Seconds

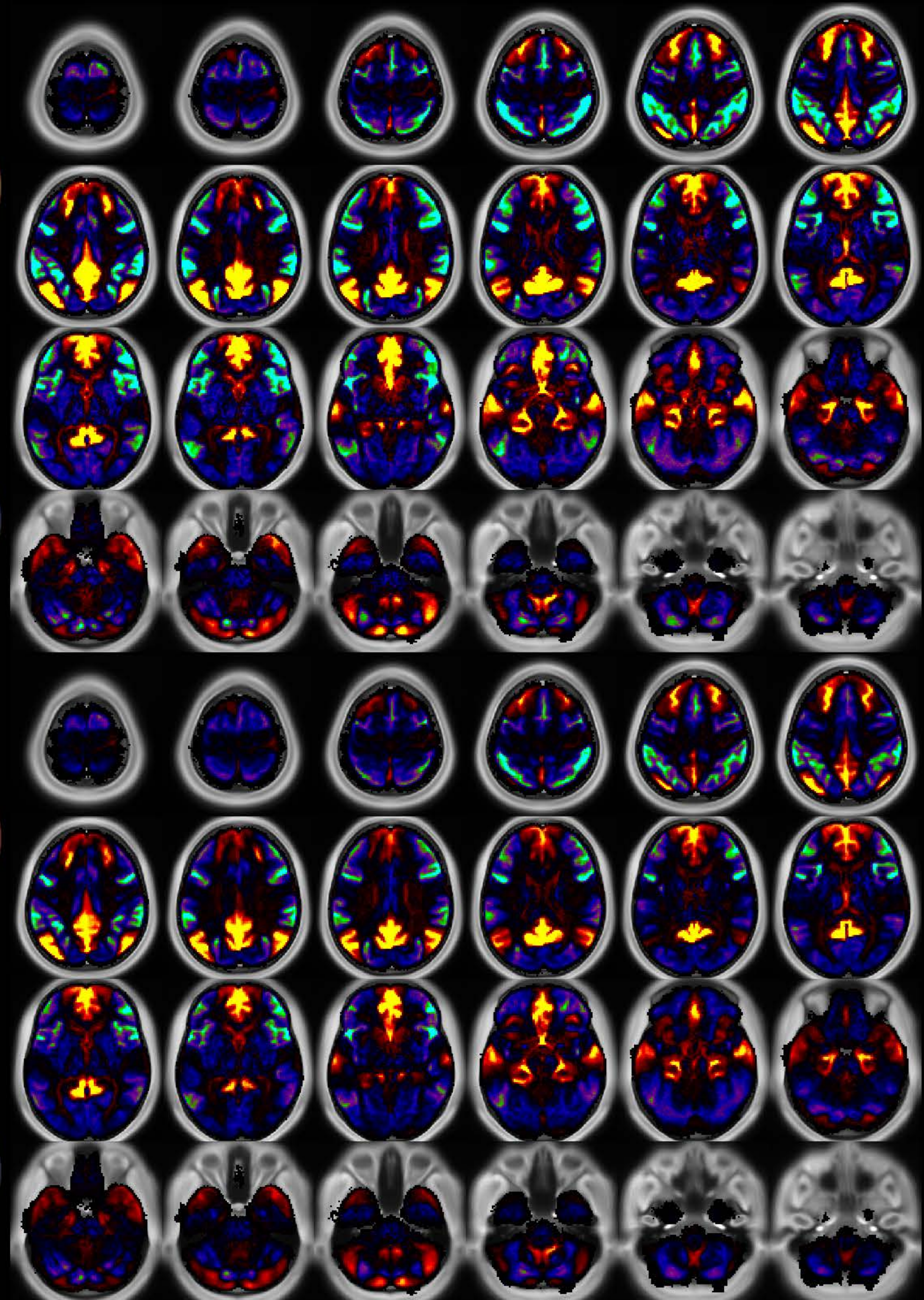


Number & Class: 1 Noise		Name: Global Physiological Noise	
RVT Correlated: Yes	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 7.85	Globality Index: 5.91	
Task Component: 1	Rest Component: 3+6+8	Task Modulated: No	

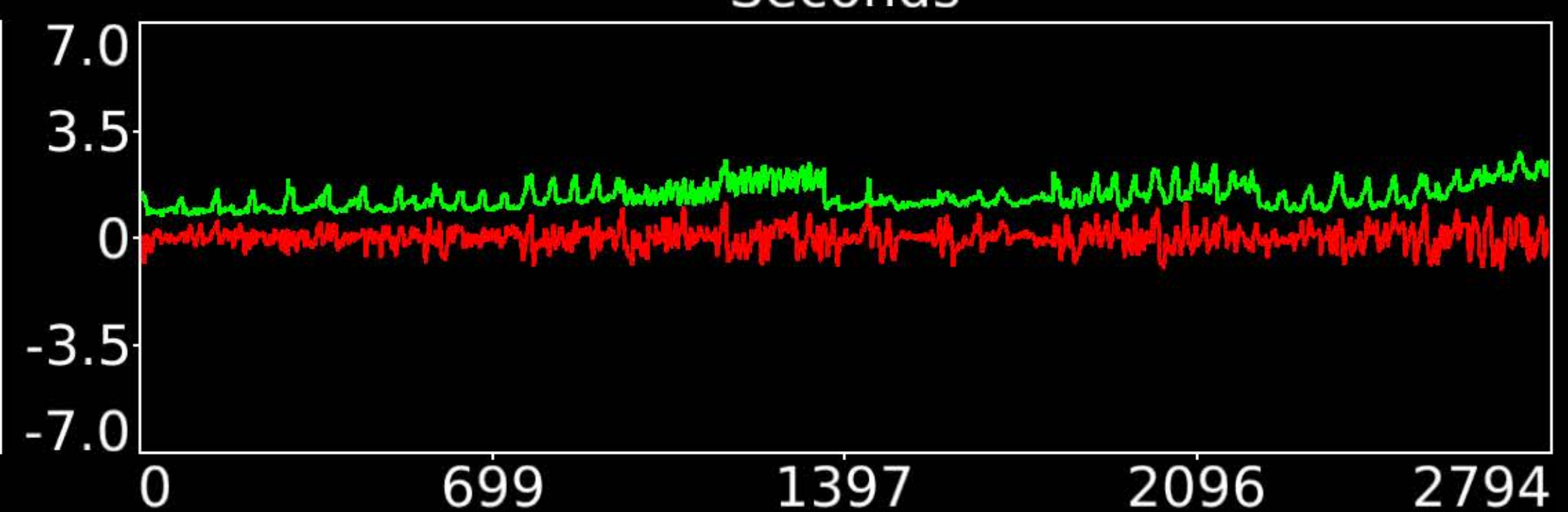
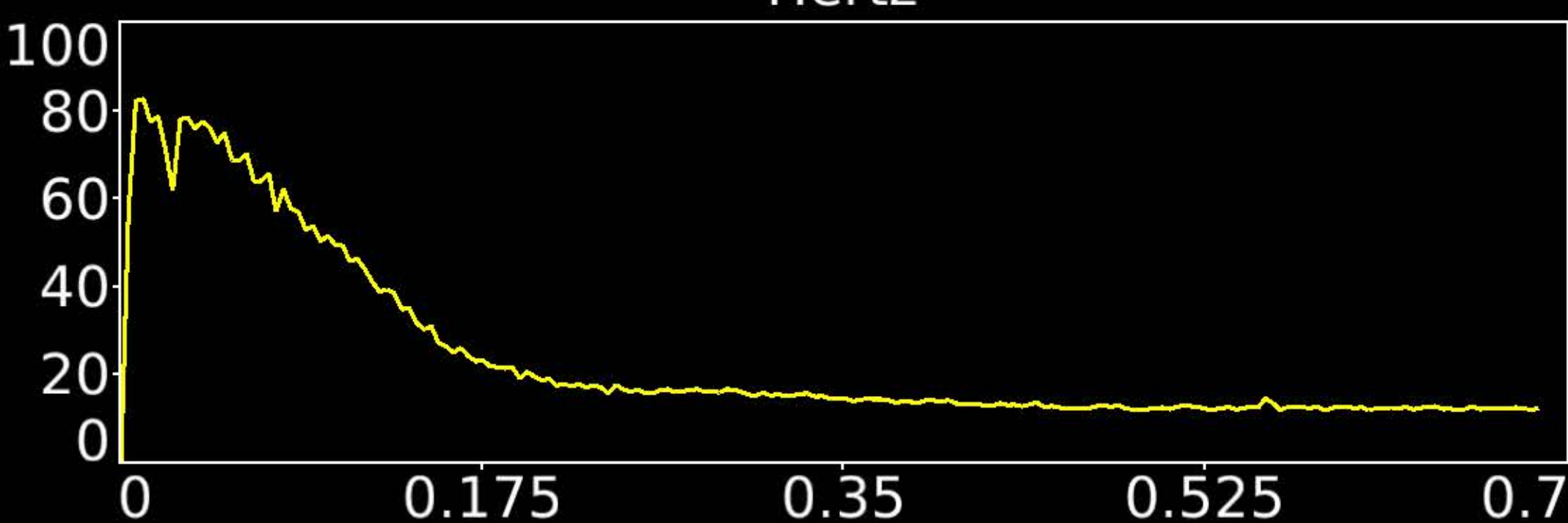
Rationale: Globally positive component matching hypothesized pattern for physiological artifact and does not clearly follow known areal boundaries



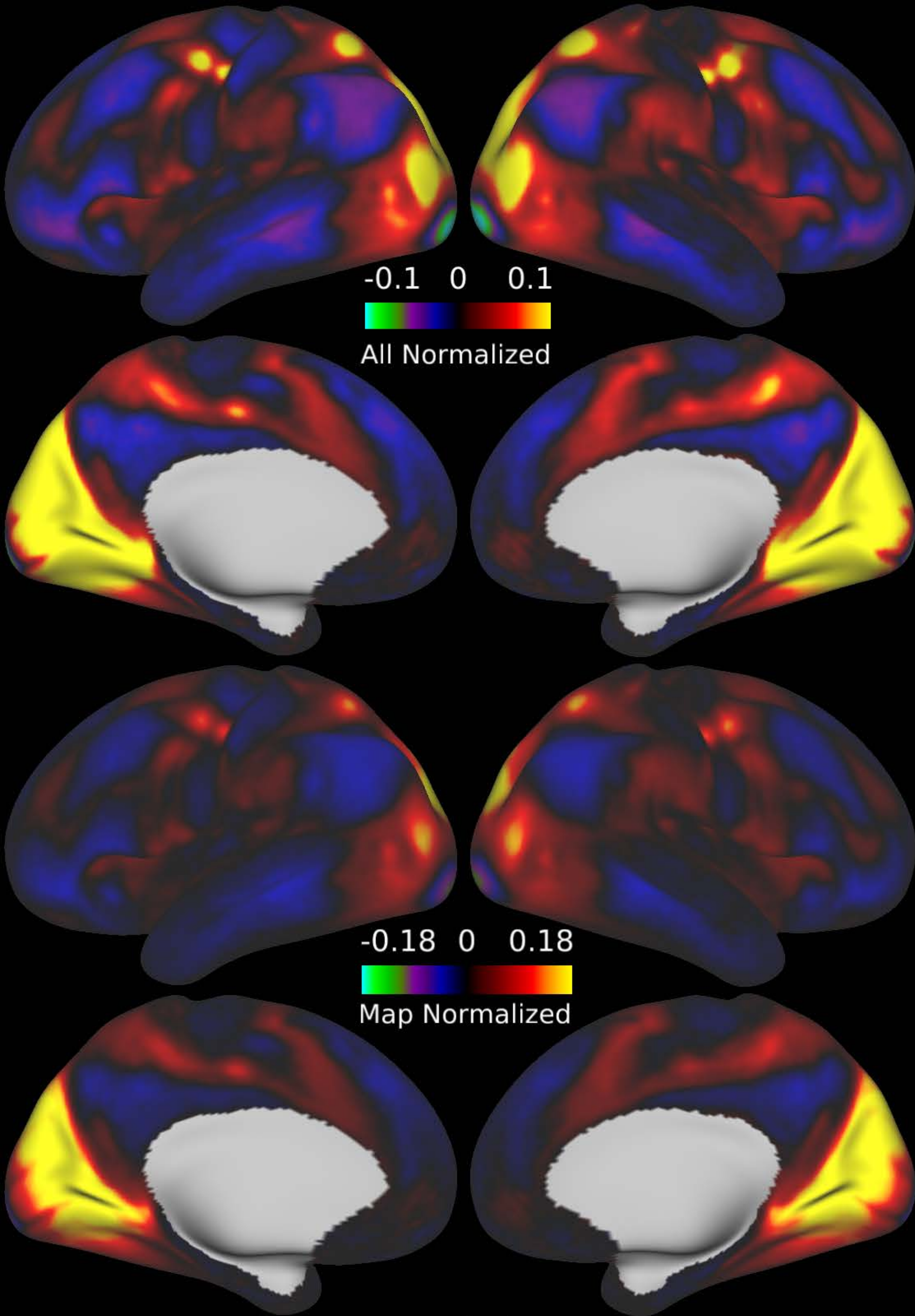
Hertz



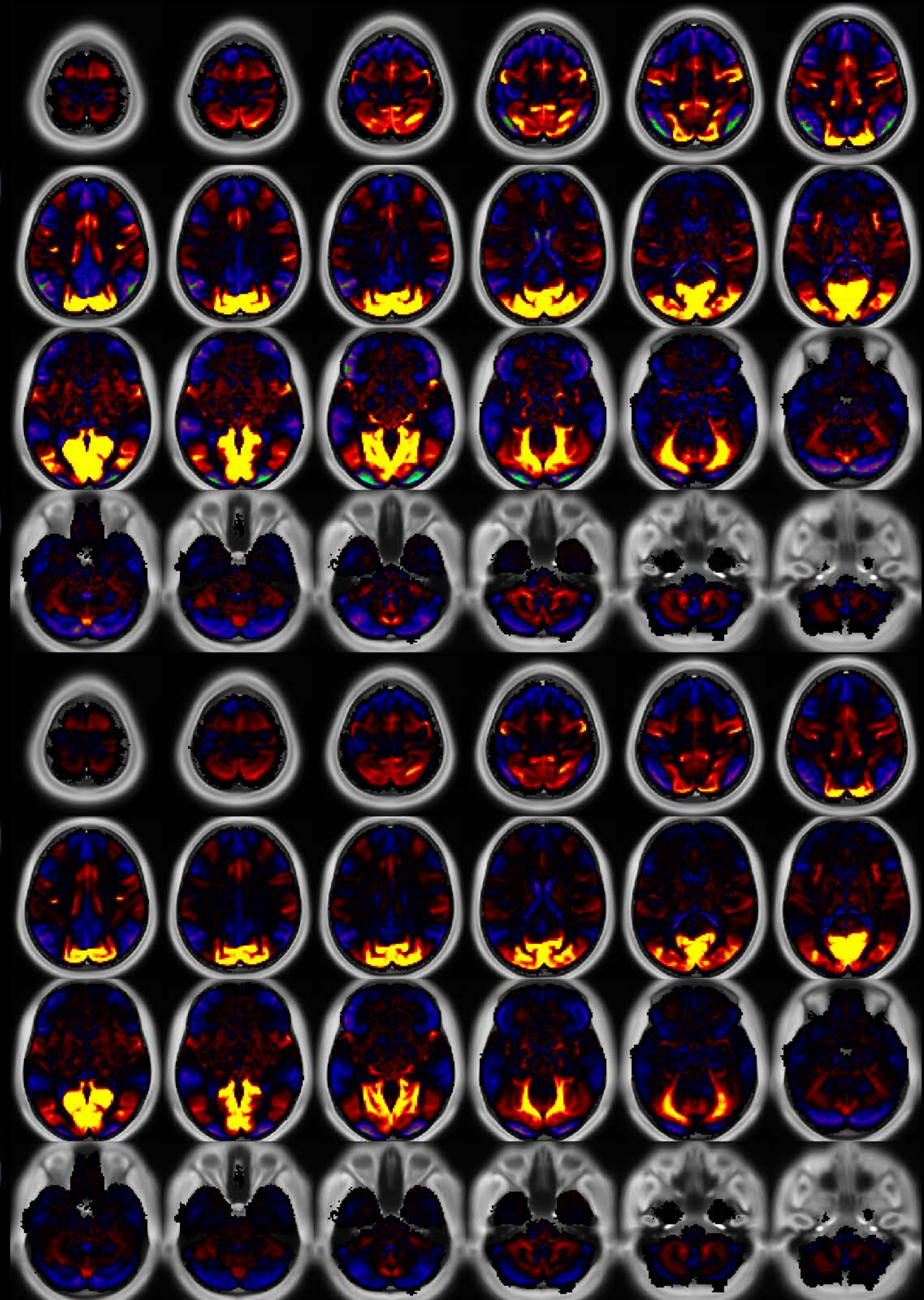
Seconds



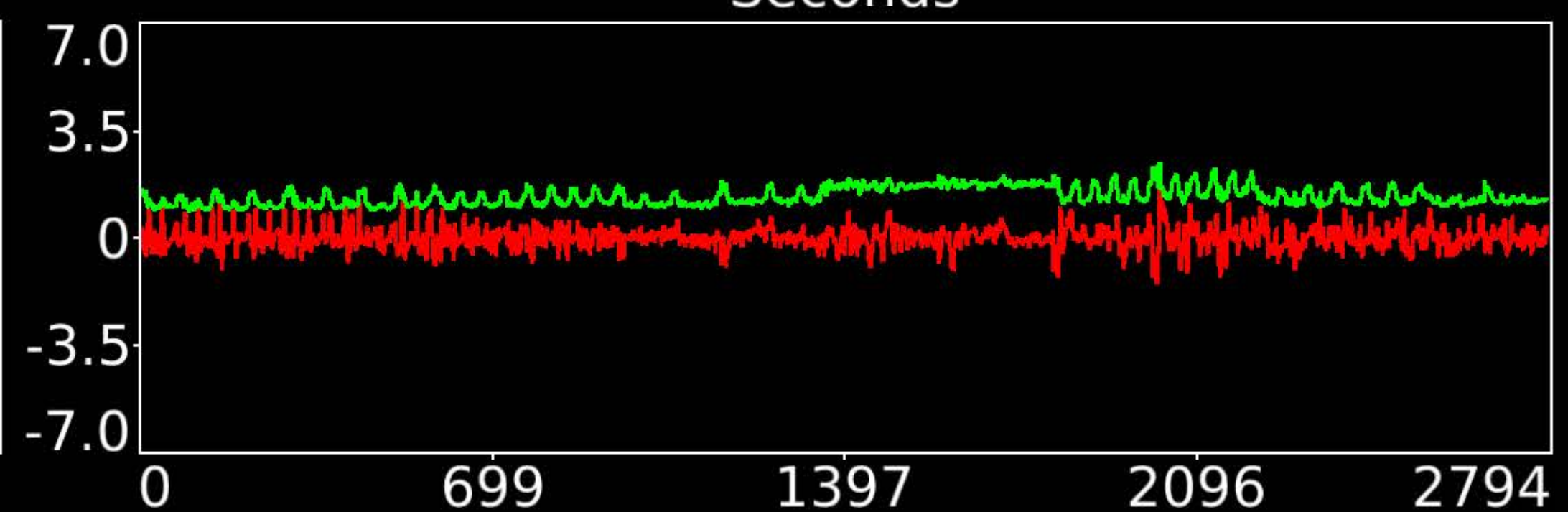
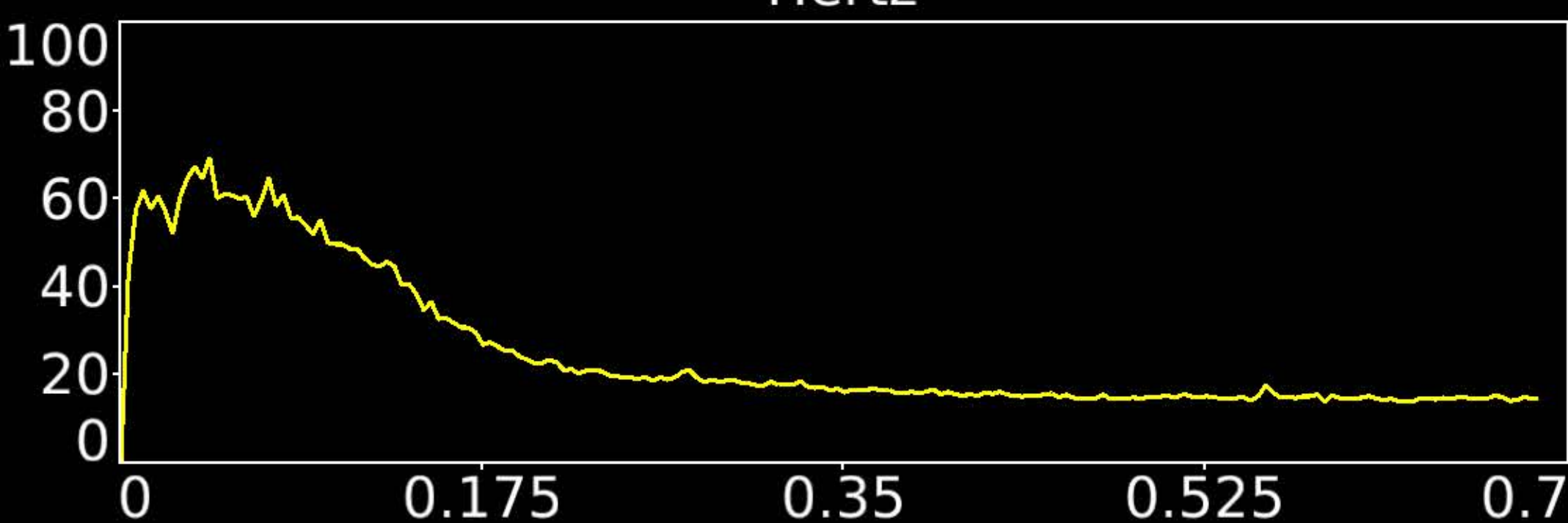
Number & Class: 2 Signal		Name: Primary Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 4.1	Globality Index: 1.04	
Task Component: 5	Rest Component: 10	Task Modulated: Emotion	
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network)			



Hertz

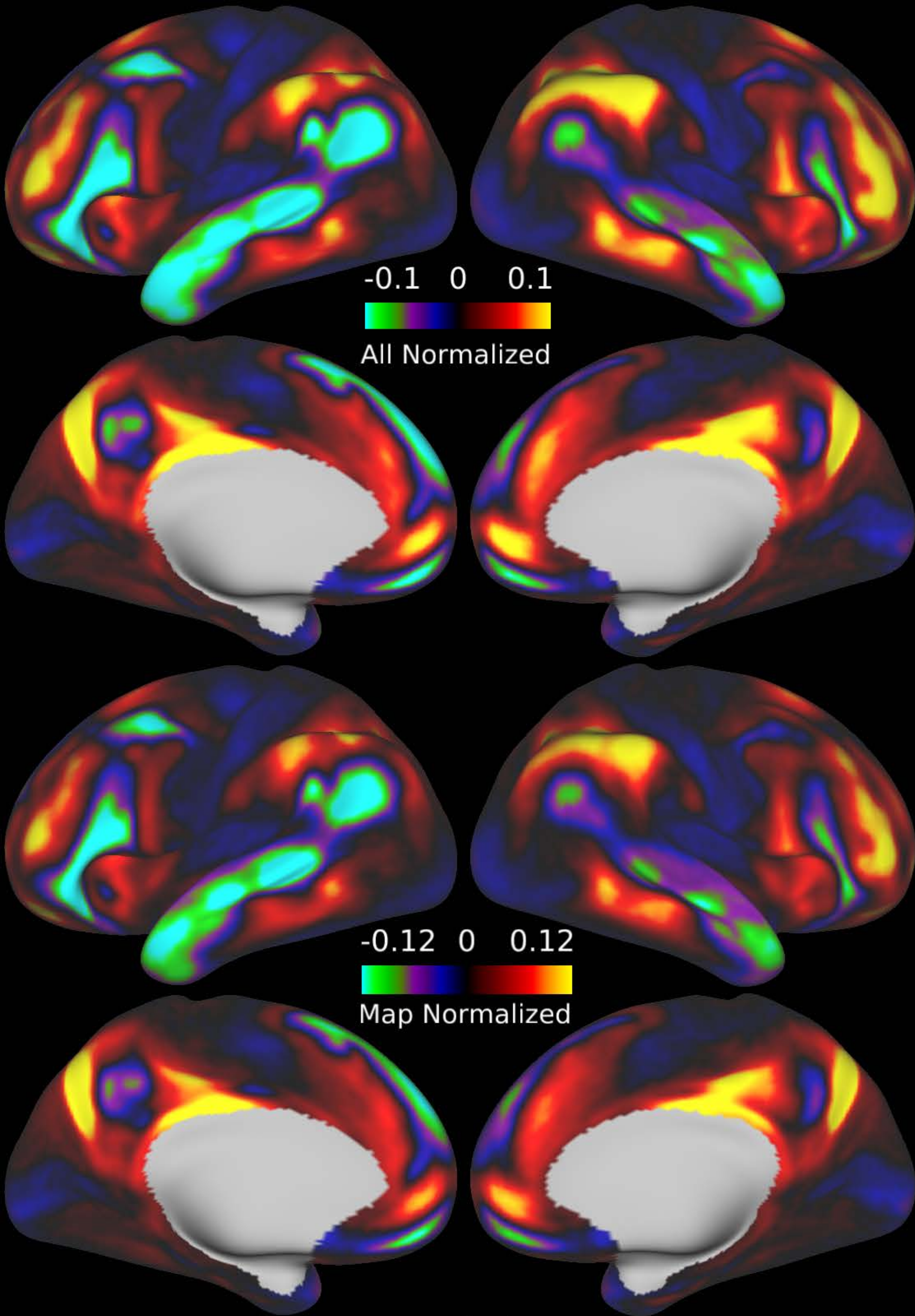


Seconds

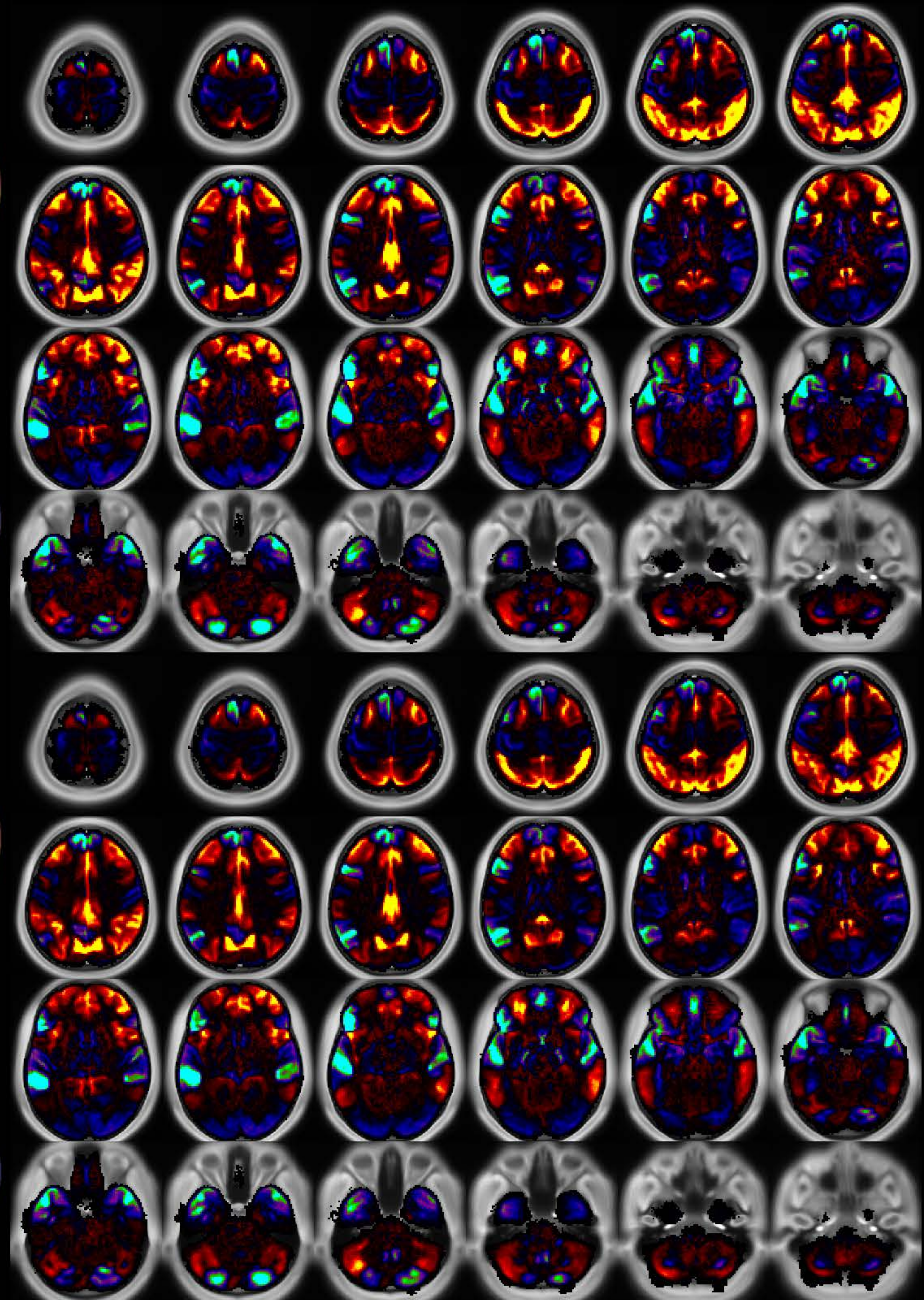


Number & Class: 3 Signal		Name: Pan-Visual (Peripheral > Foveal)	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 3.82	Globality Index: 0.4	
Task Component: 15	Rest Component: 4	Task Modulated: Language	

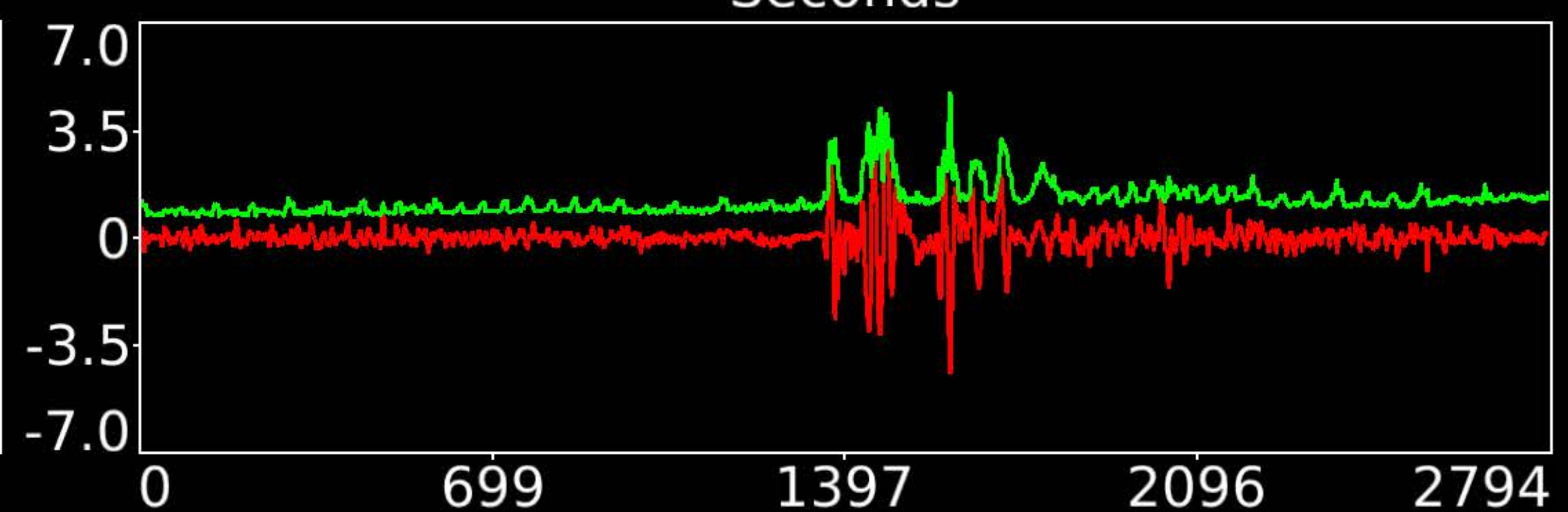
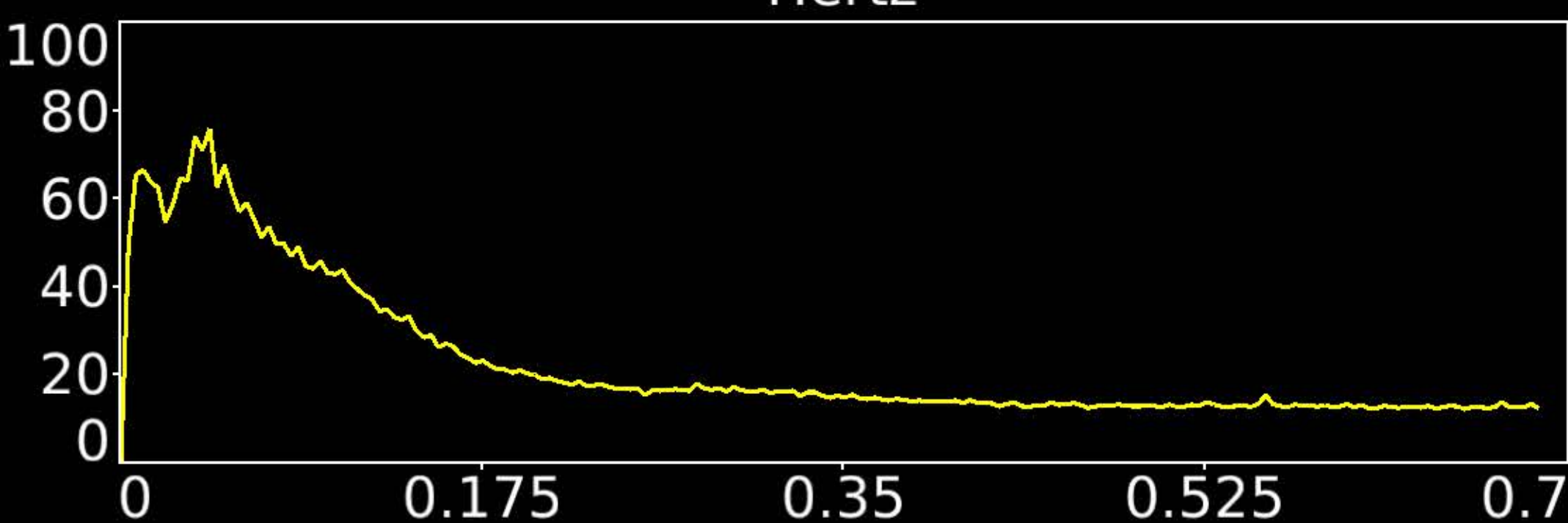
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Peripheral vs Foveal)



Hertz

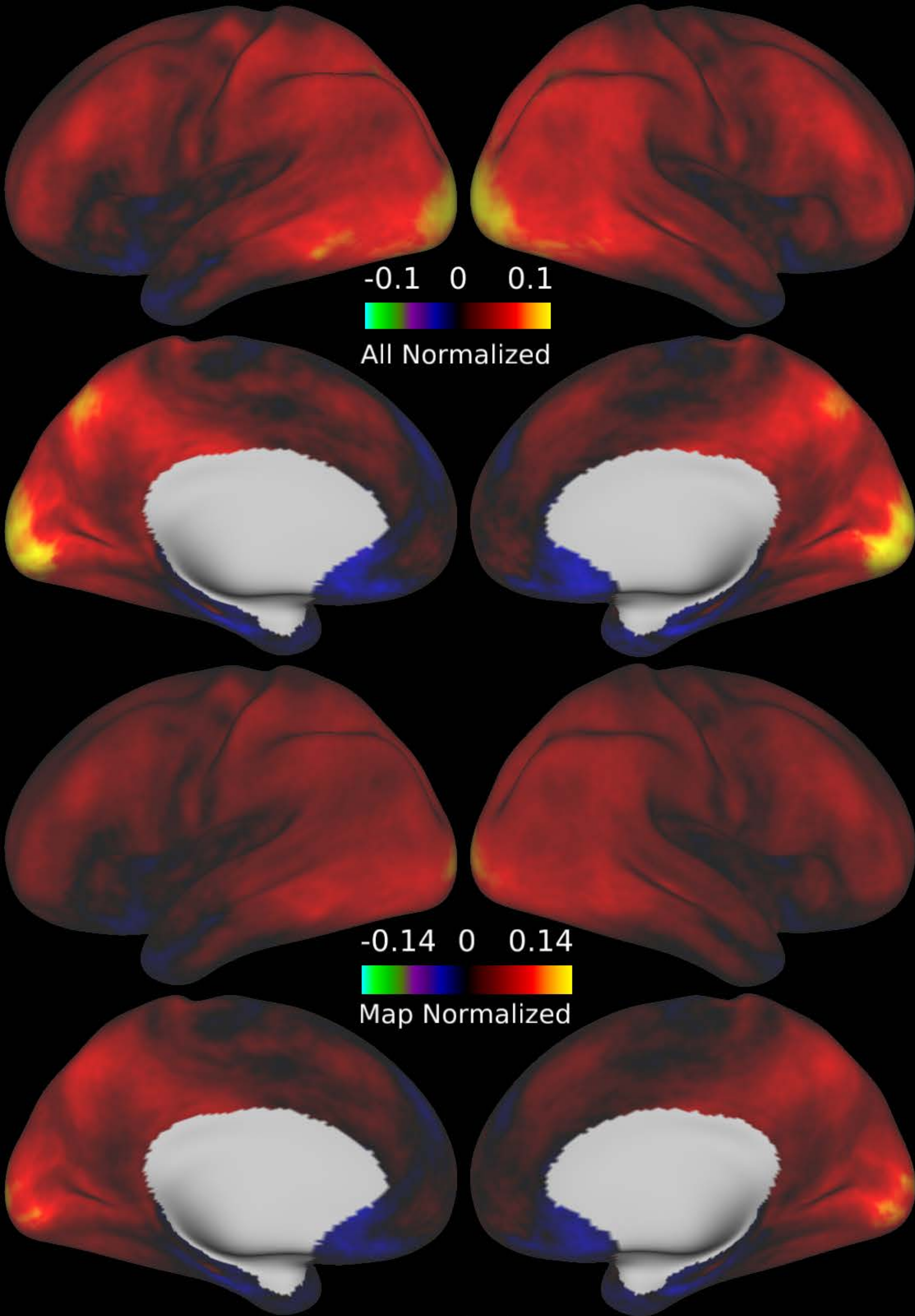


Seconds

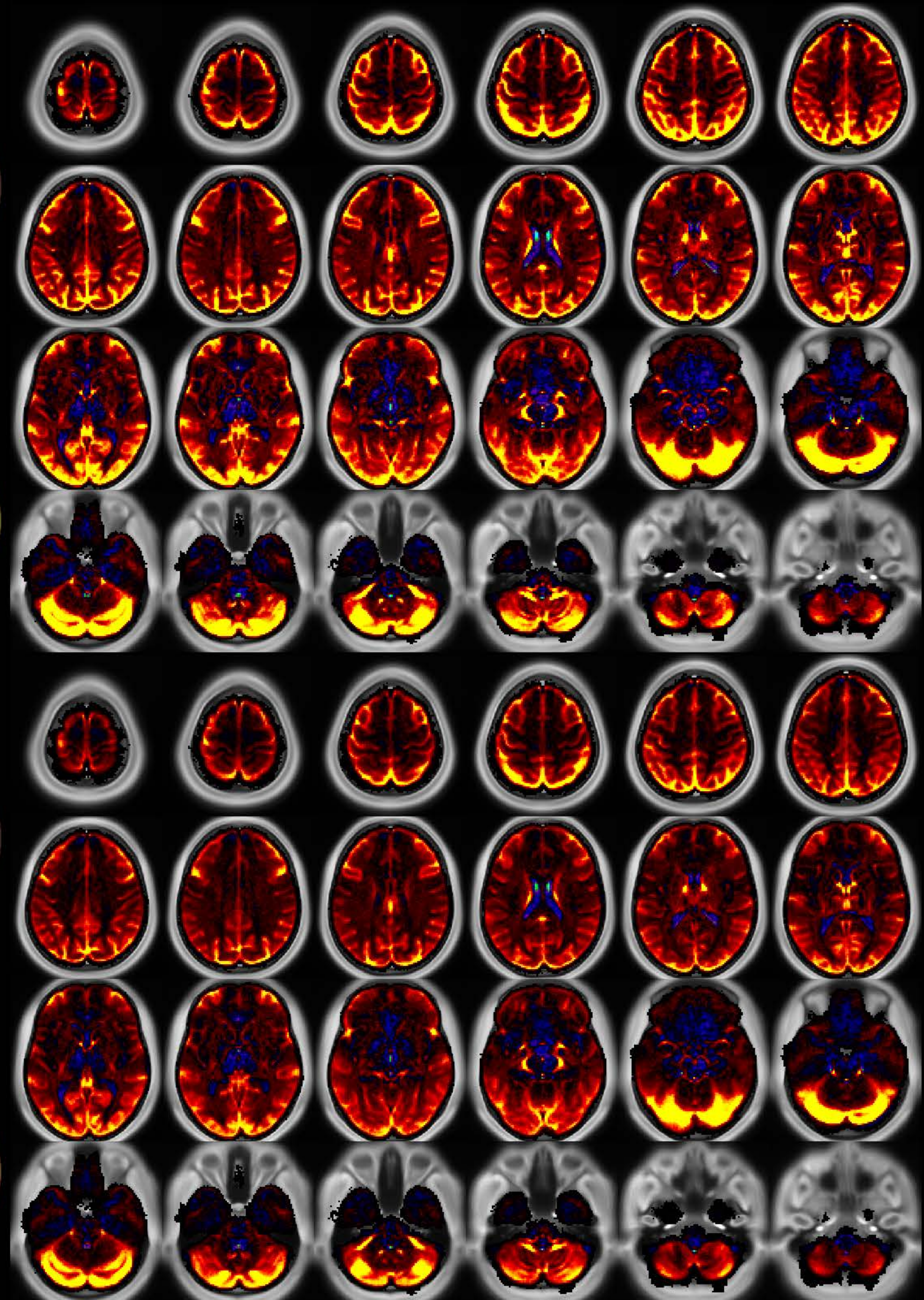


Number & Class: 4 Signal	Name: Language Task Story	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 3.23	Globality Index: 0.41
Task Component: -11	Rest Component: No	Task Modulated: Language

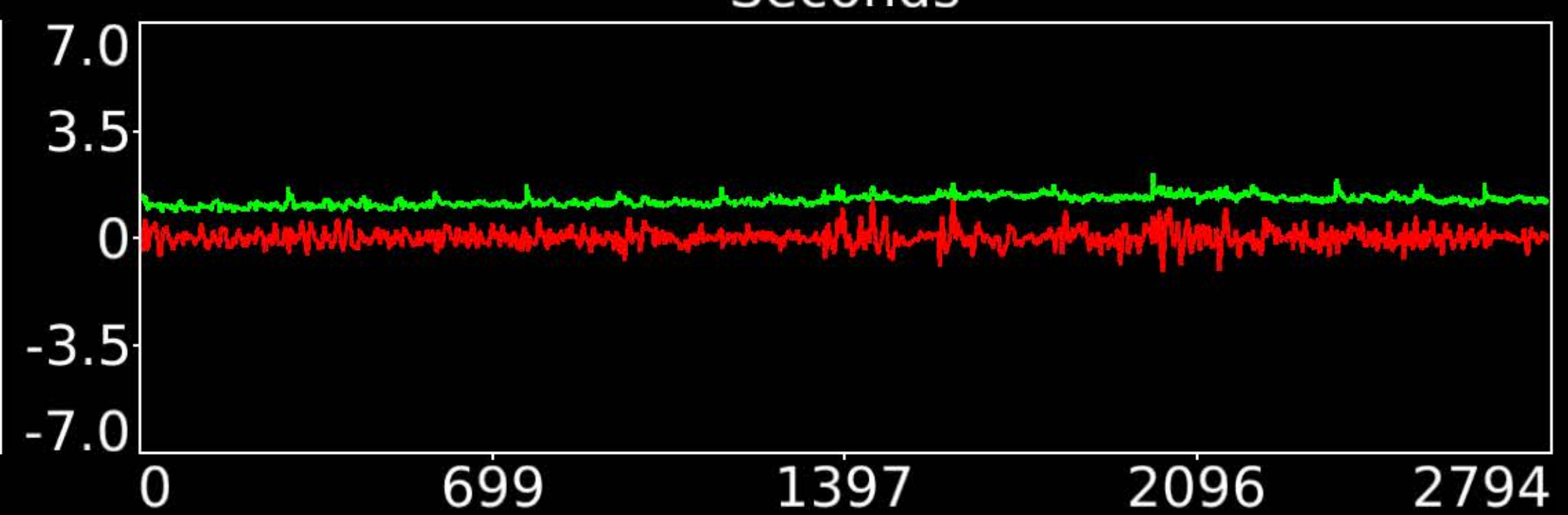
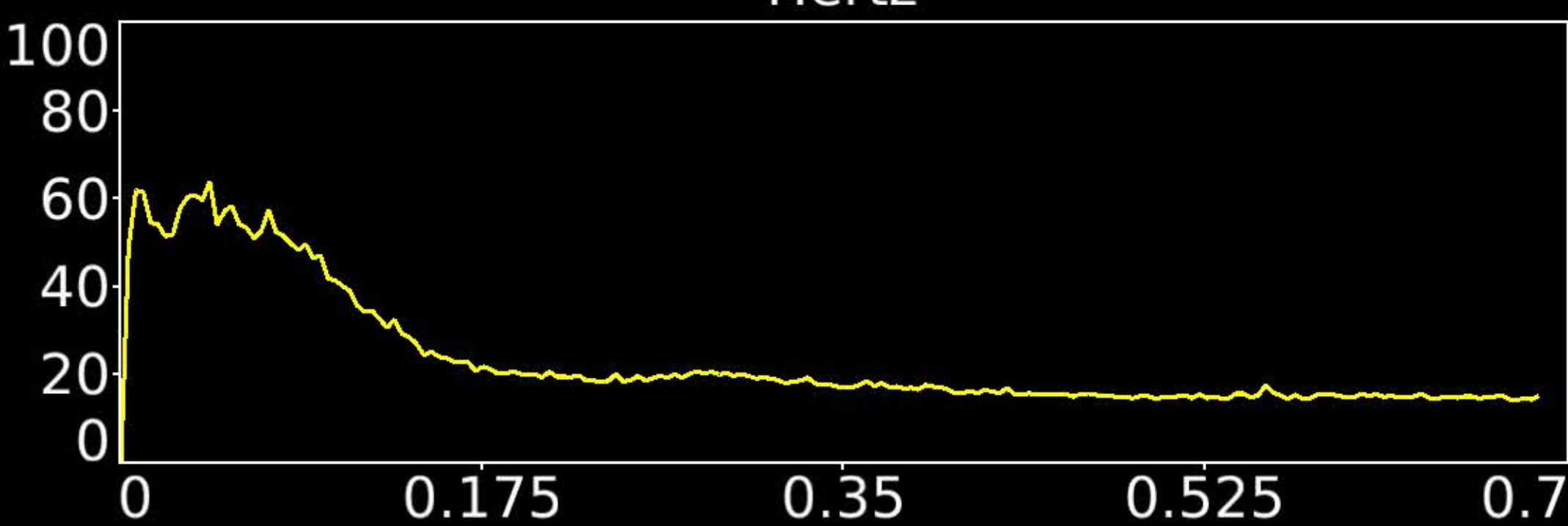
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design



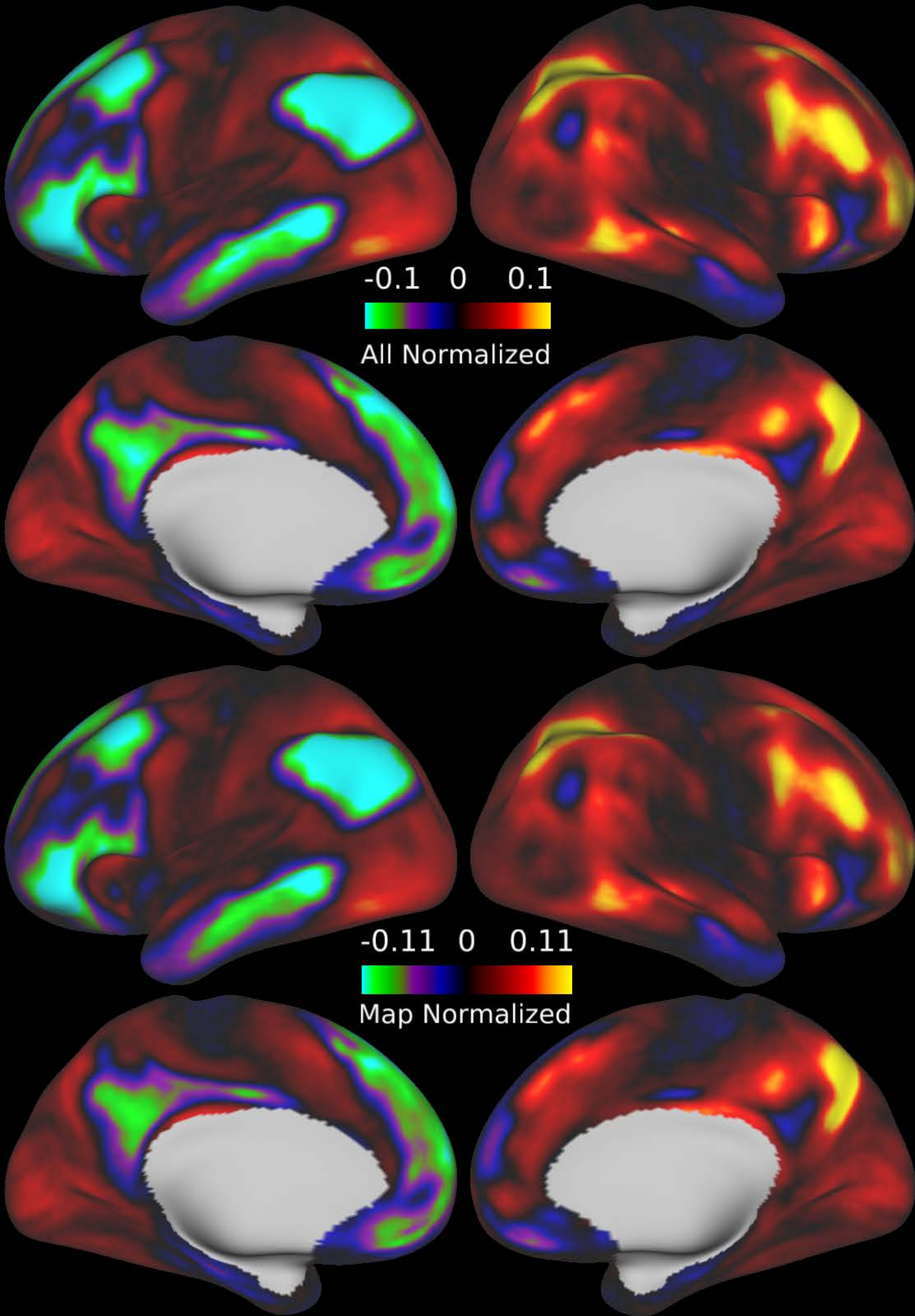
Hertz



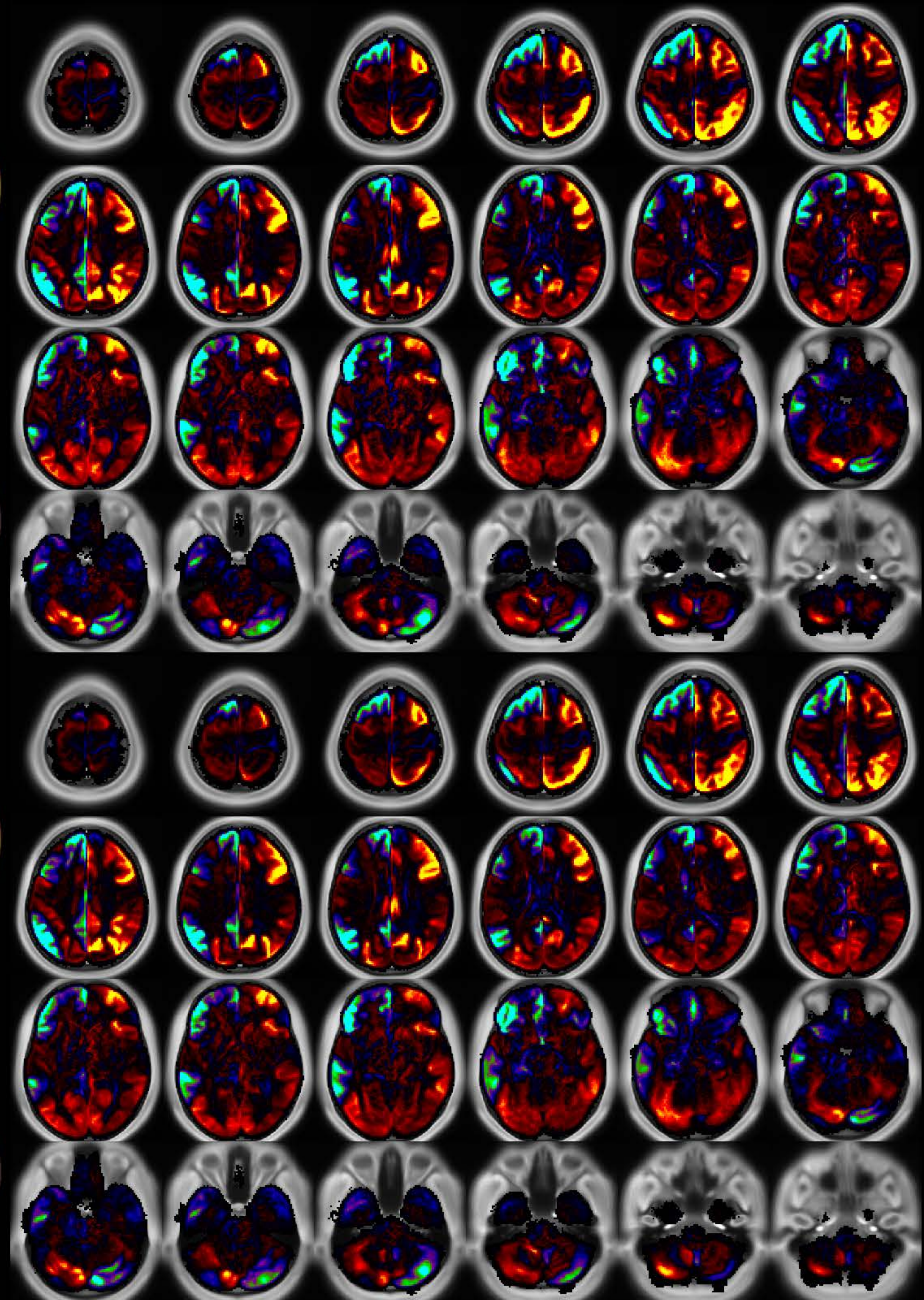
Seconds



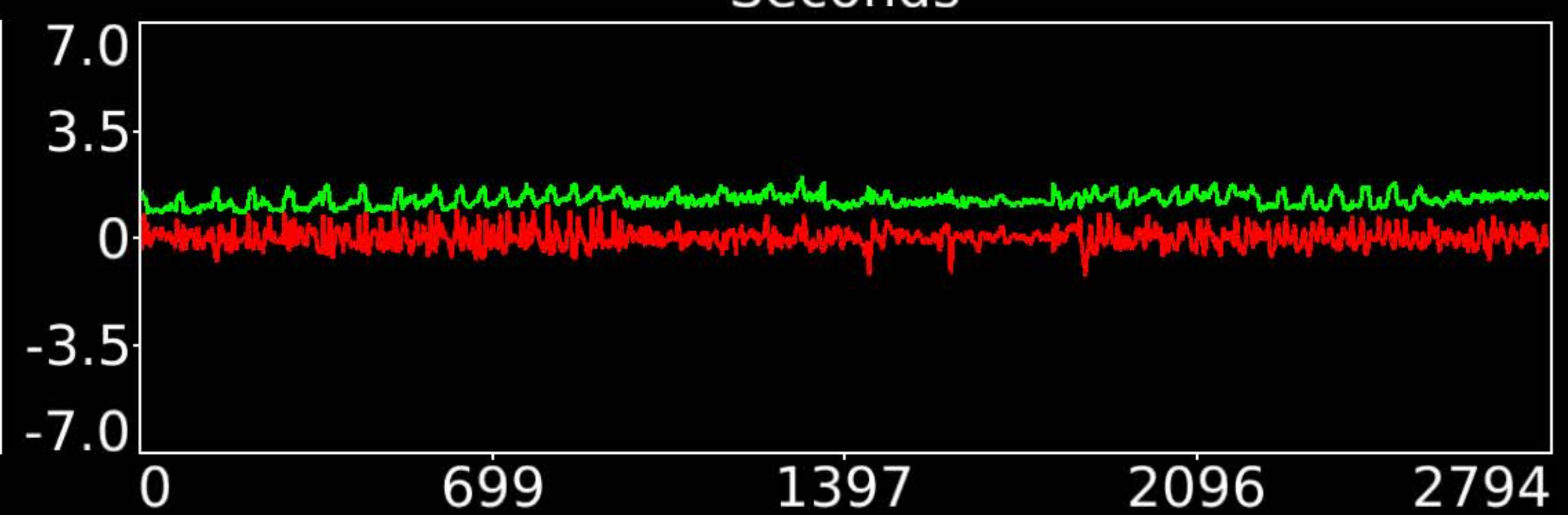
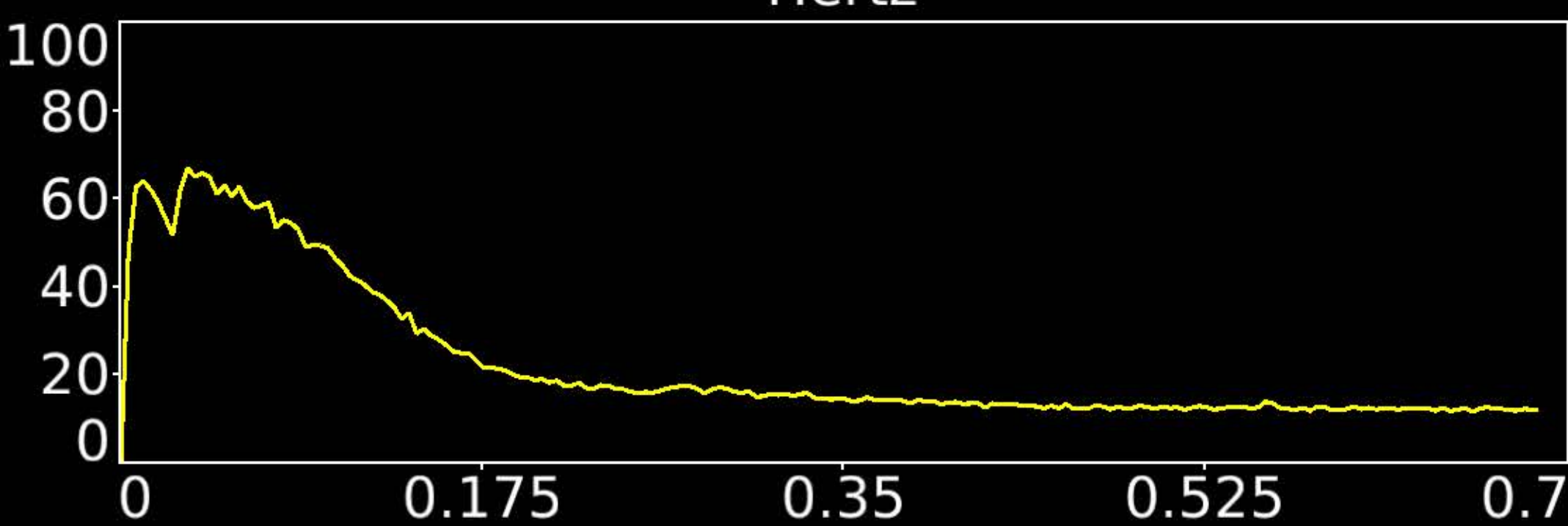
Number & Class: 5 Noise		Name: Veins + WM + Cerebellum	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: Yes	% Variance Explained: 2.83	Globality Index: 2.61	
Task Component: 8	Rest Component: 19+28	Task Modulated: No	
Rationale: Spatial map contains substantial white matter and venous signal			



Hertz

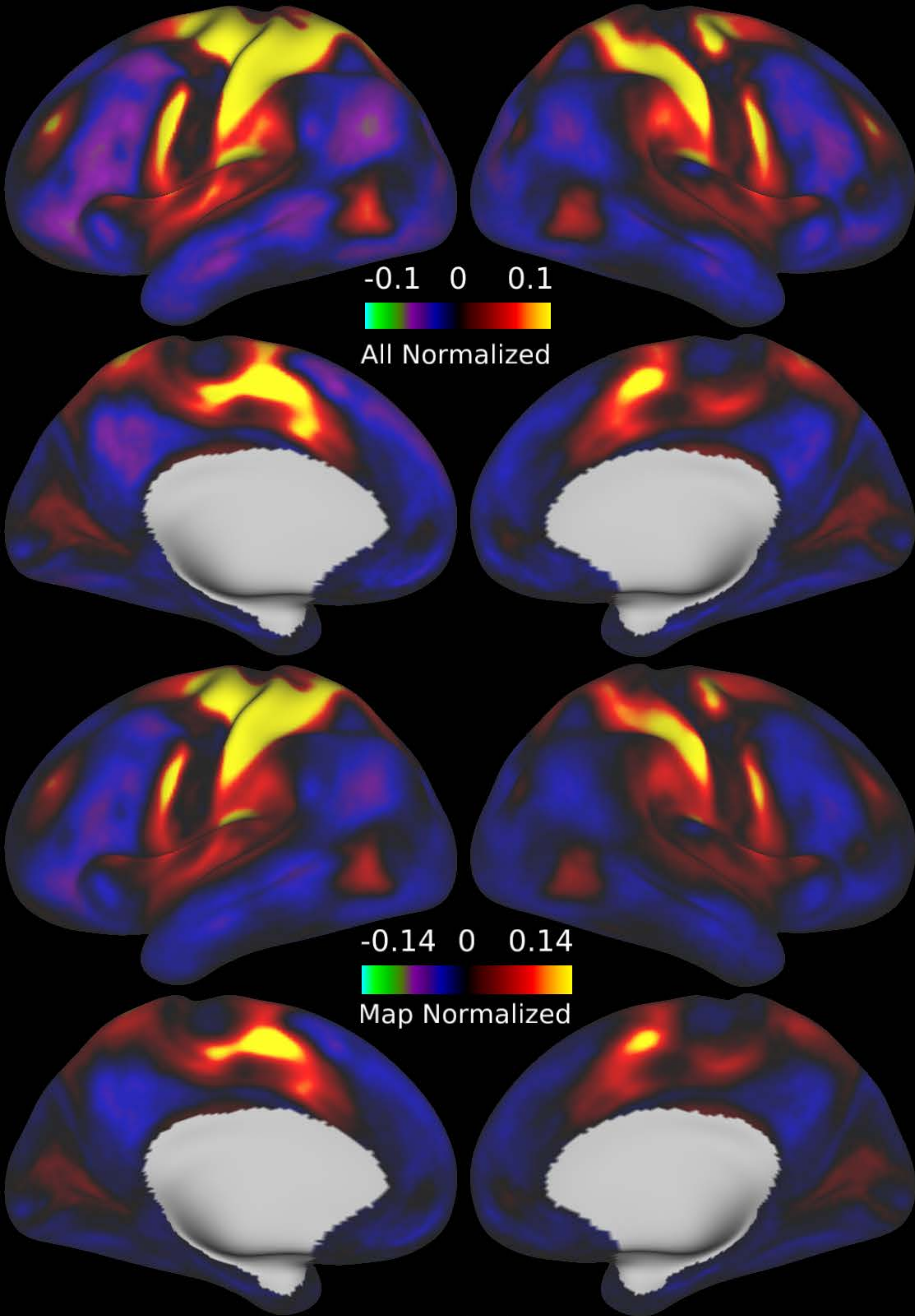


Seconds

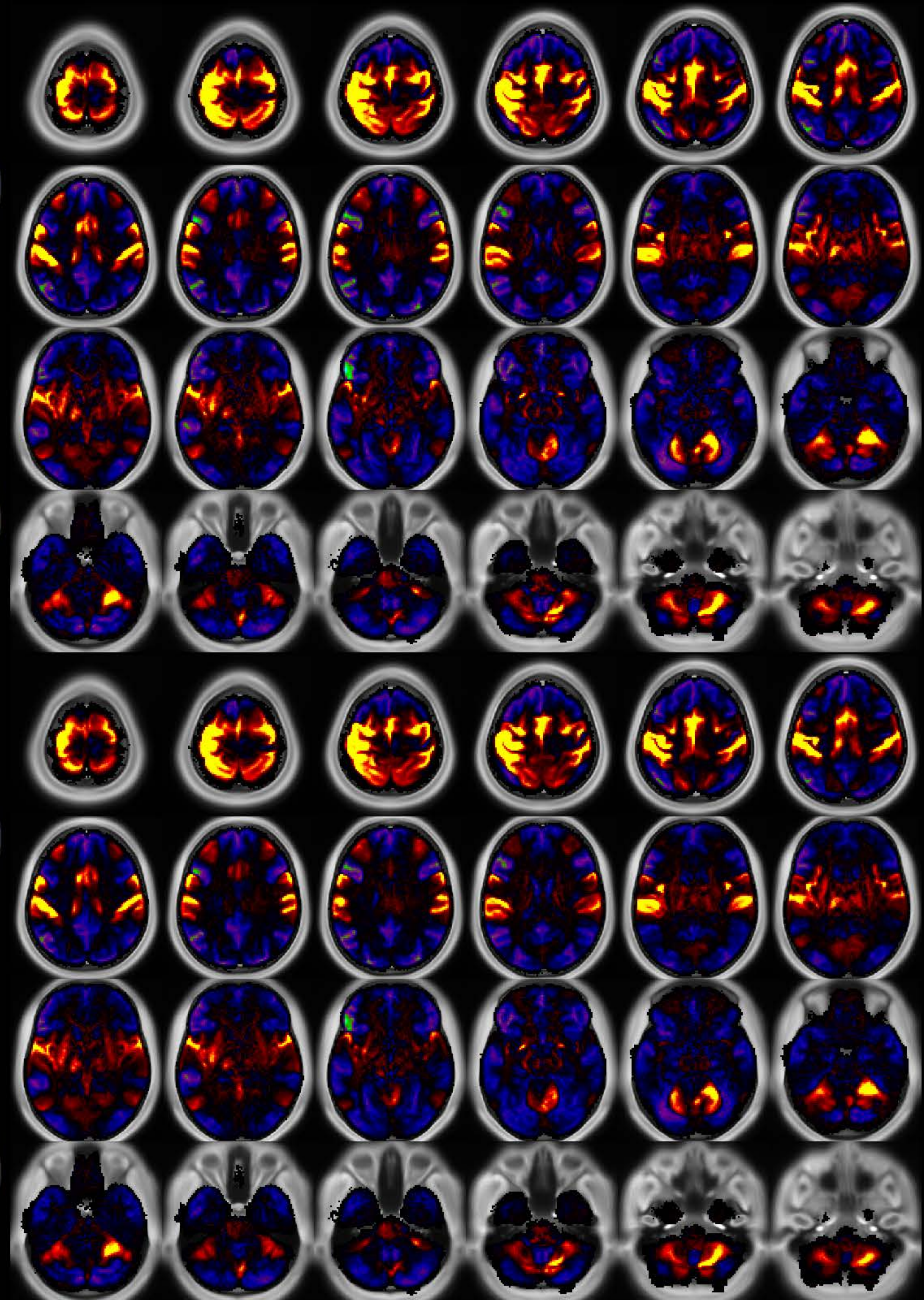


Number & Class: 6 Signal		Name: R Fronto-parietal > L Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 3.04	Globality Index: 1.02	
Task Component: -12	Rest Component: No	Task Modulated: No	

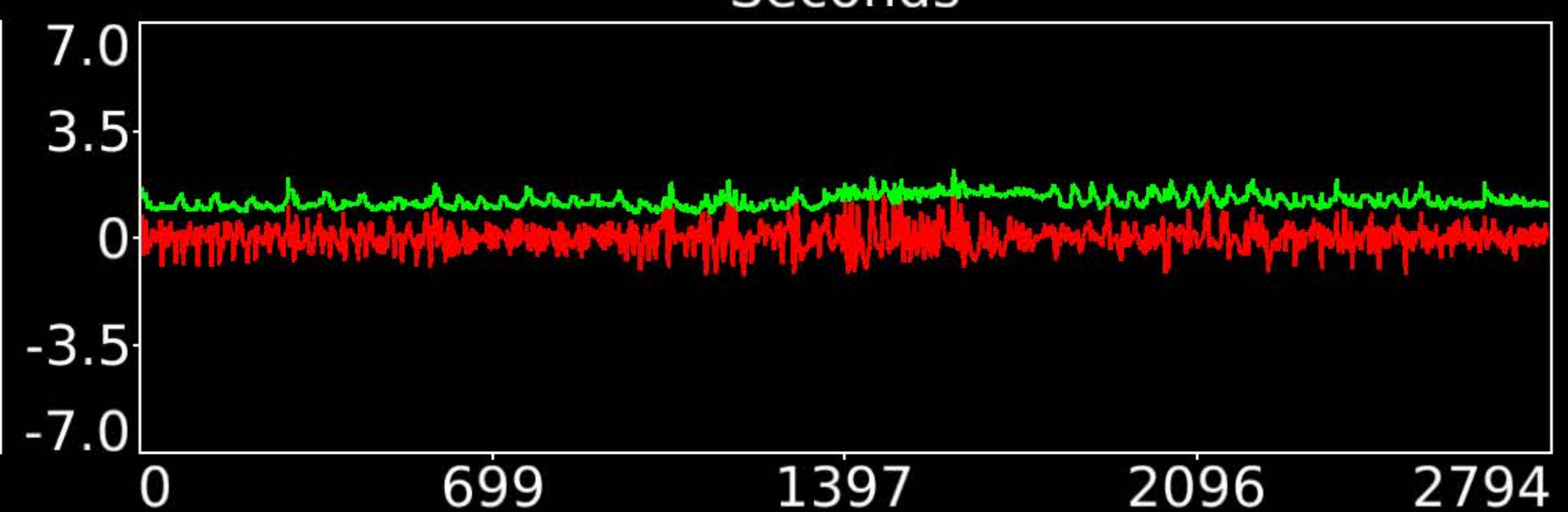
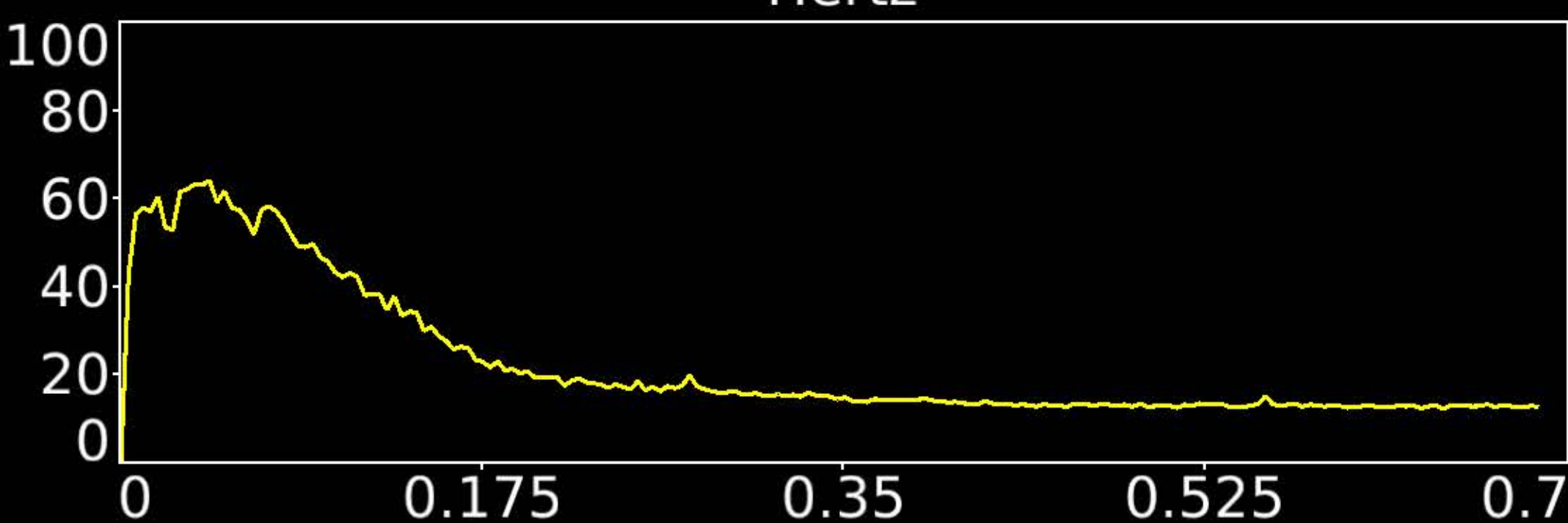
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network and Fronto-parietal Network)



Hertz

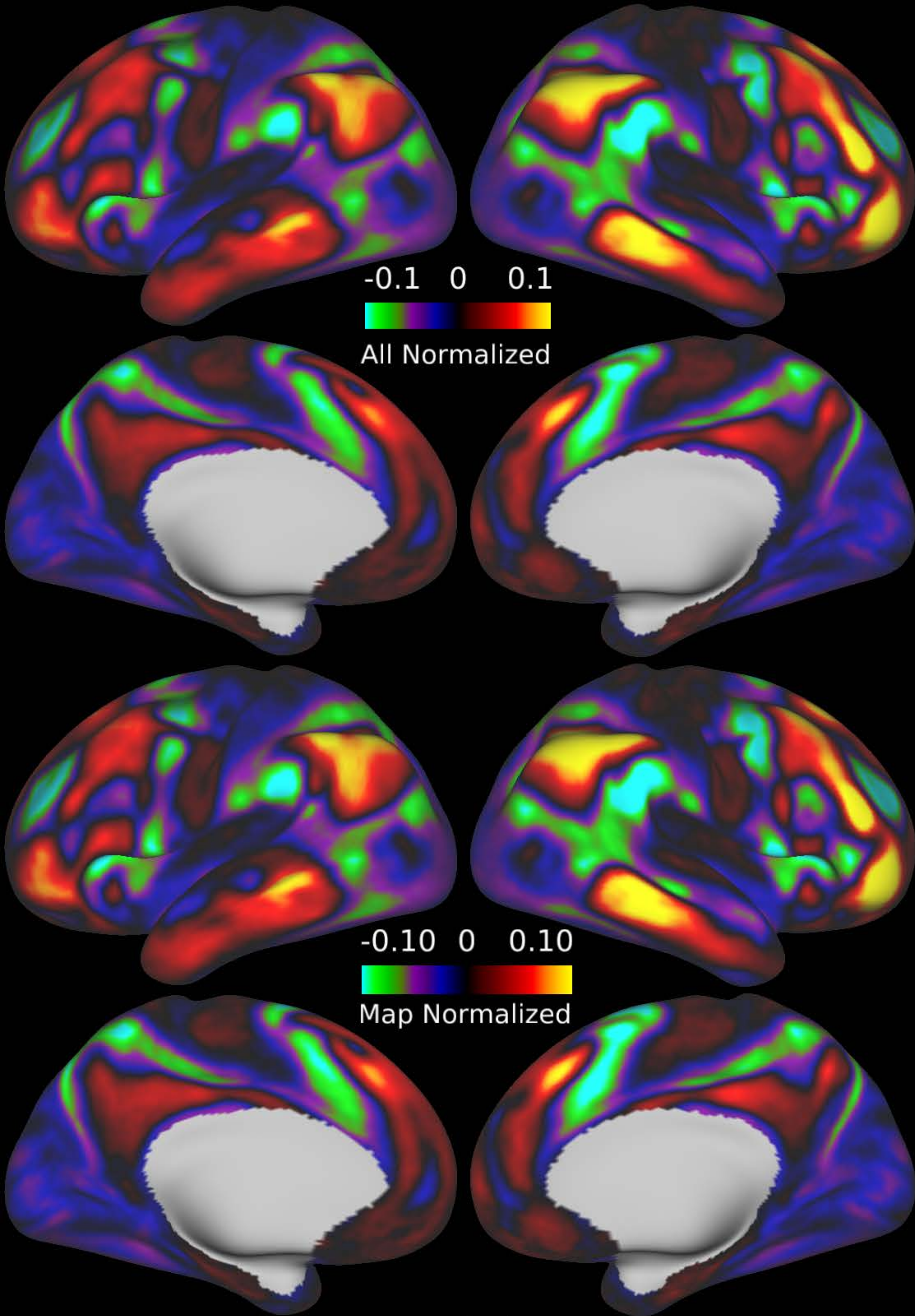


Seconds

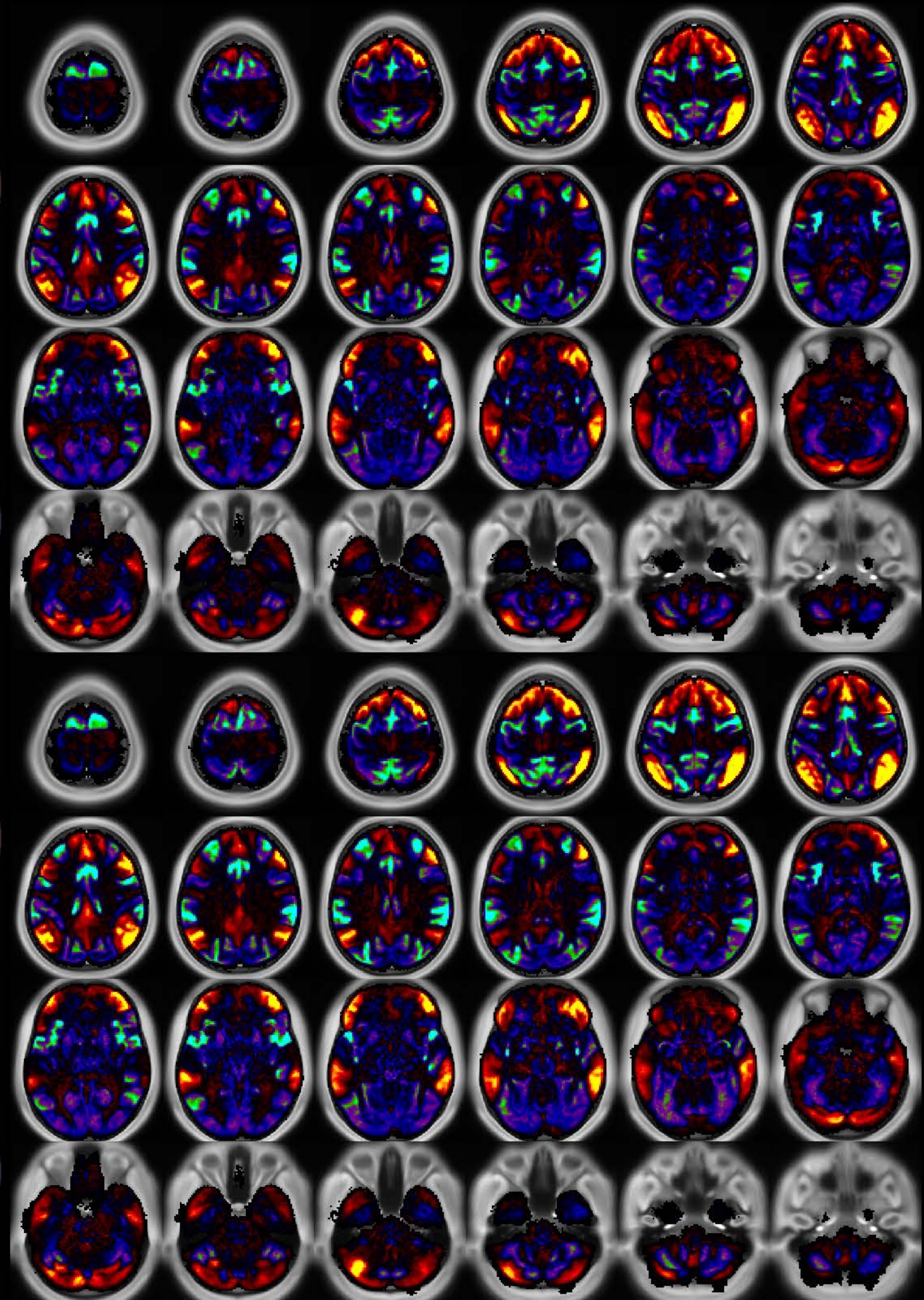


Number & Class: 7 Signal		Name: Right Hand Motor Network	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 2.97	Globality Index: 0.16	
Task Component: 6	Rest Component: 33	Task Modulated: No	

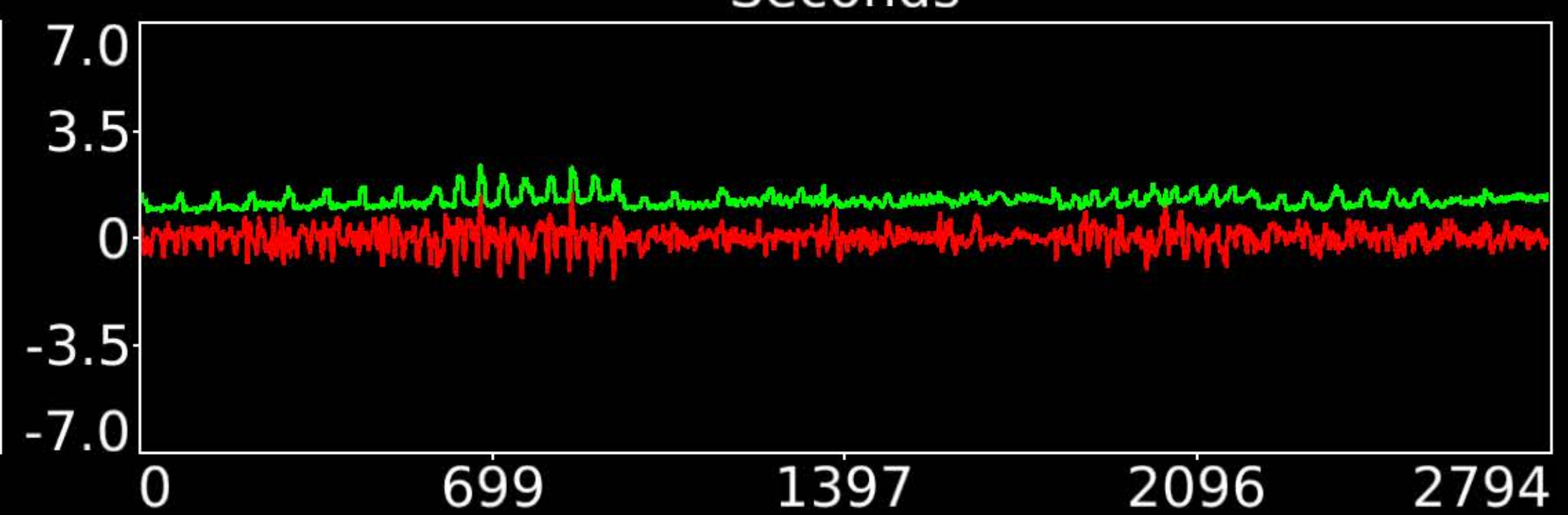
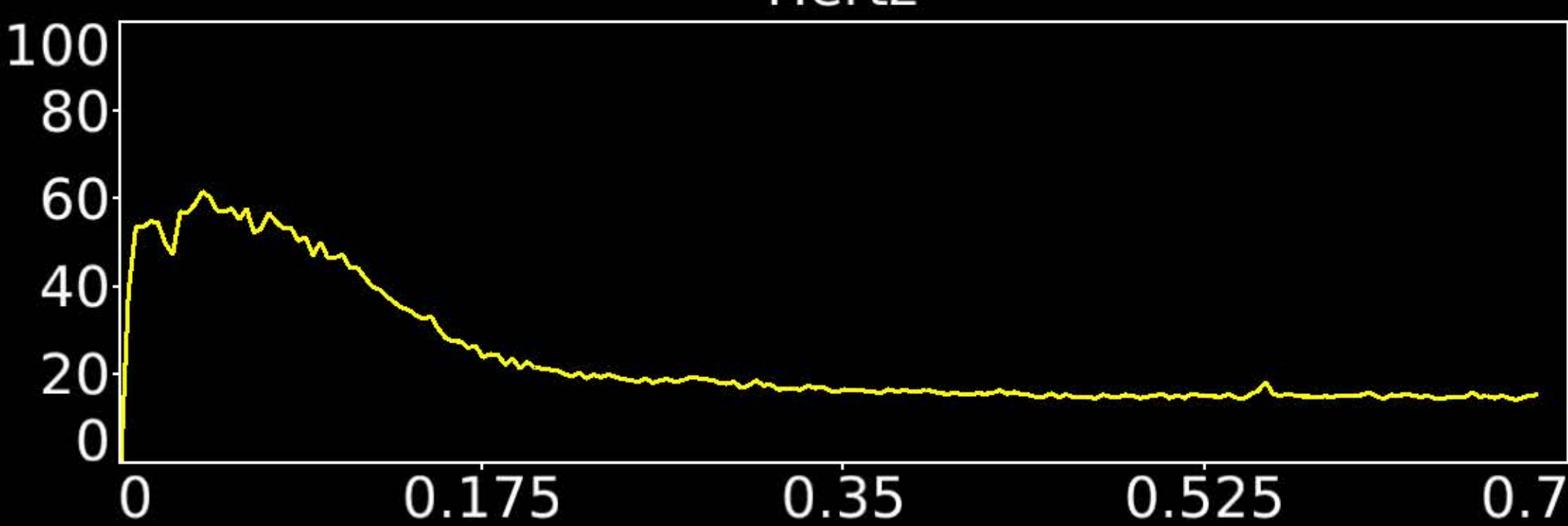
Rationale: Spatial map includes positive and negative patches that respect known somatotopic sensori-motor organization (Right Hand)



Hertz

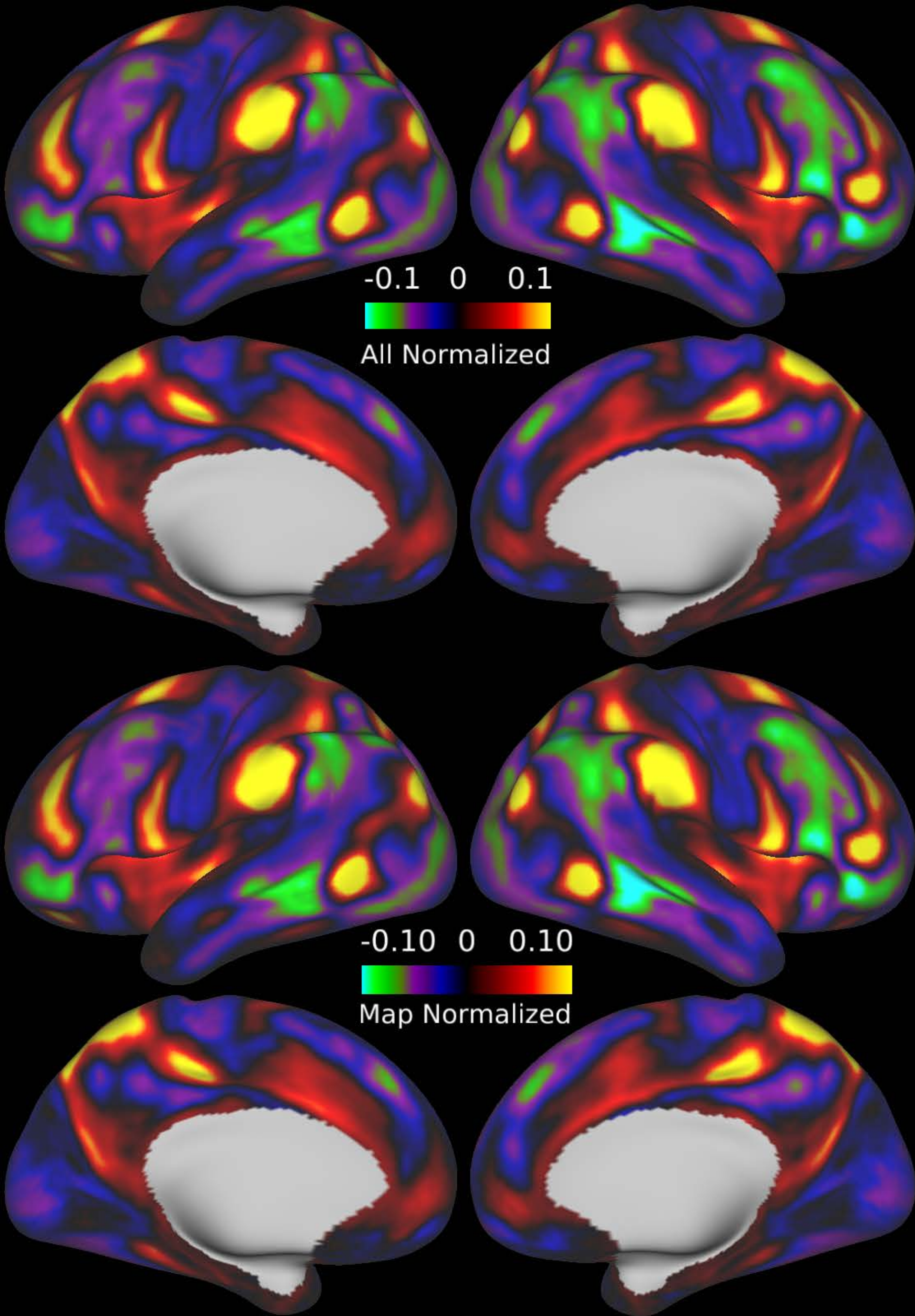


Seconds

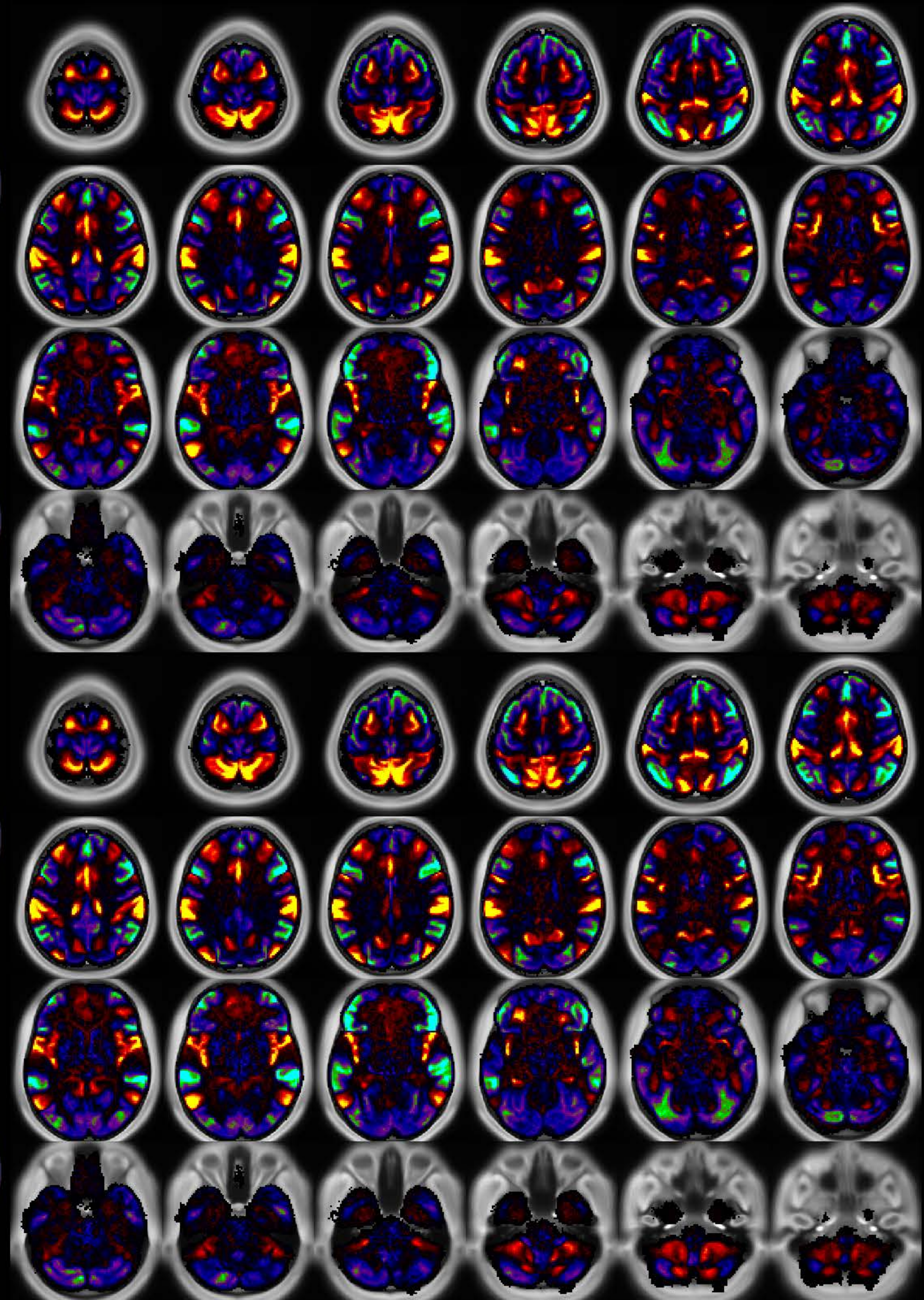


Number & Class: 8 Signal		Name: Subsidiary Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 2.91	Globality Index: 0.78	
Task Component: -9	Rest Component: 9	Task Modulated: No	

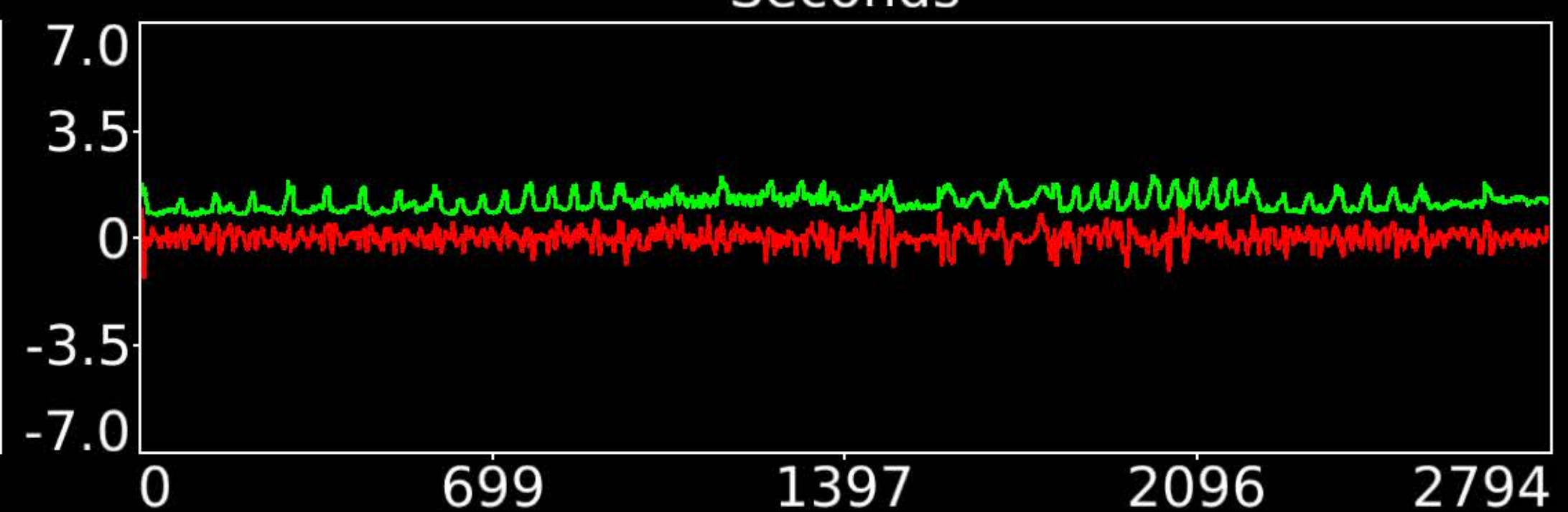
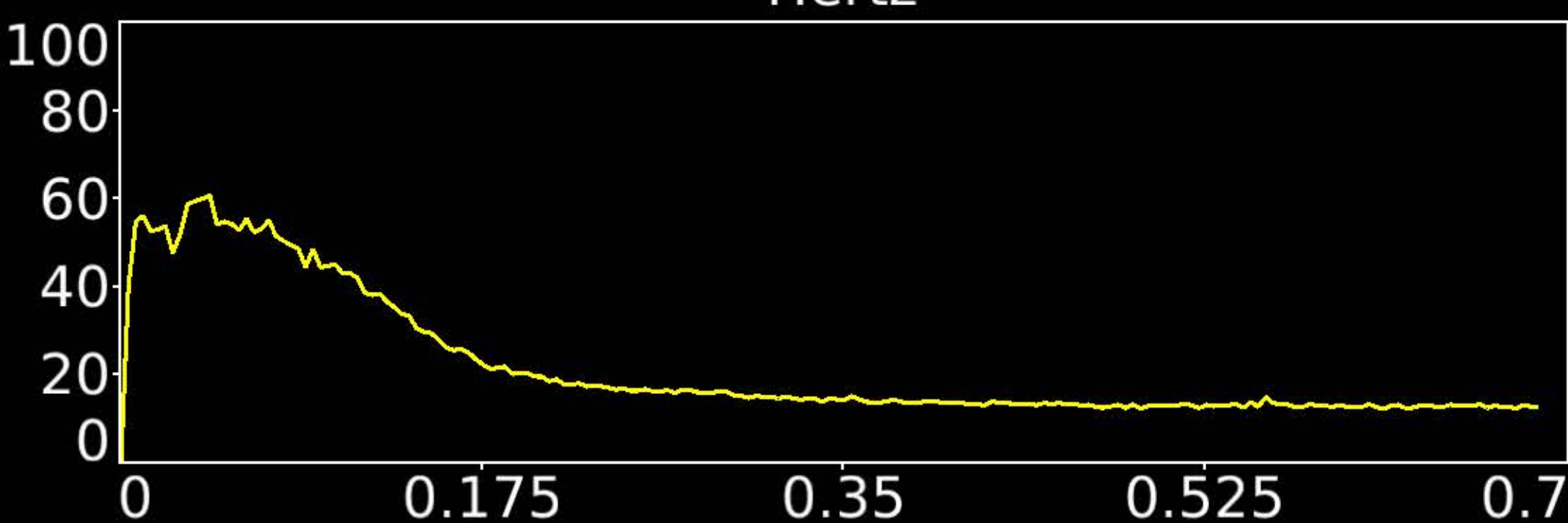
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network)



Hertz

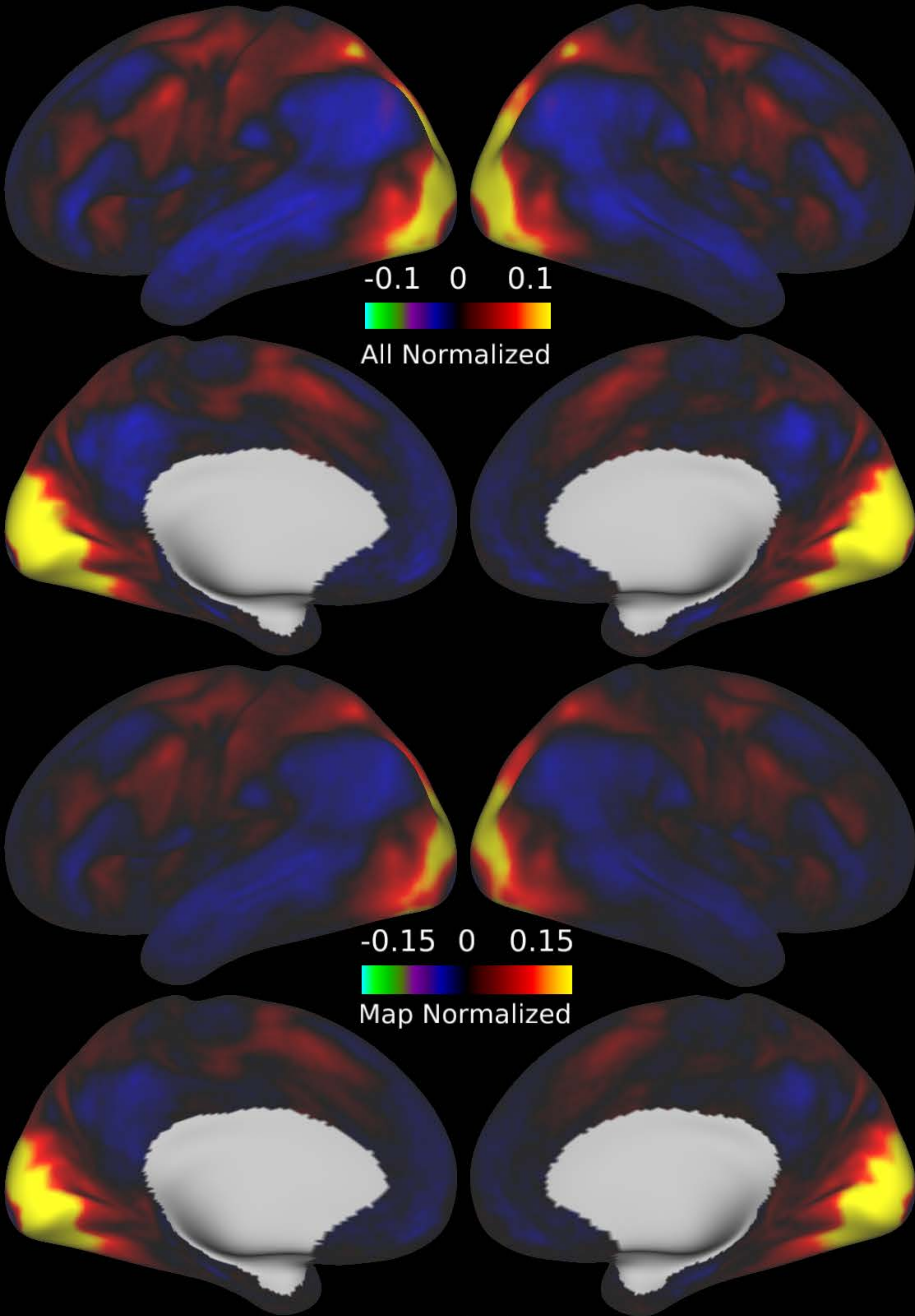


Seconds

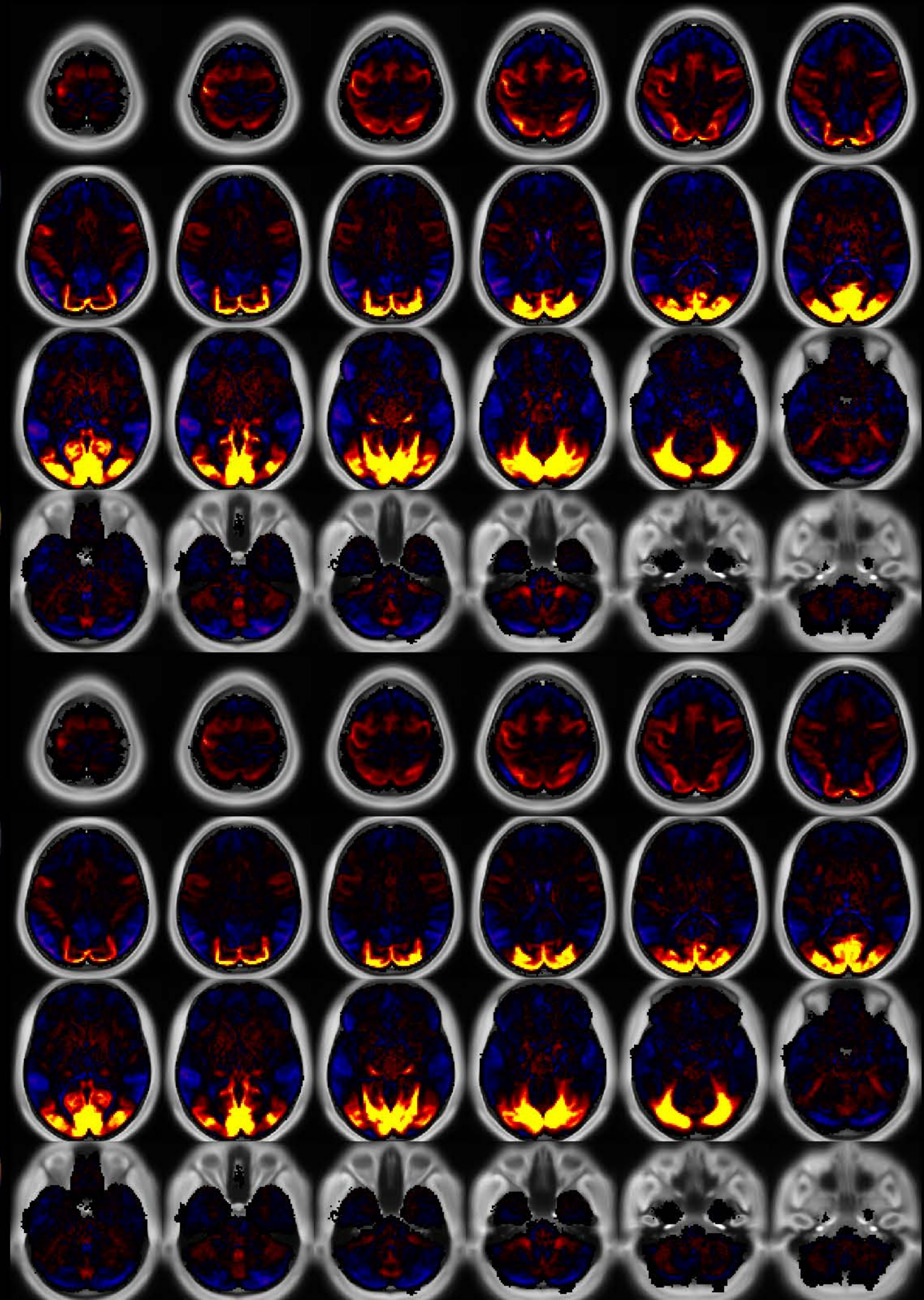


Number & Class: 9 Signal		Name: Cingulo-Opercular Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 2.8	Globality Index: 0.57	
Task Component: 10	Rest Component: 13	Task Modulated: No	

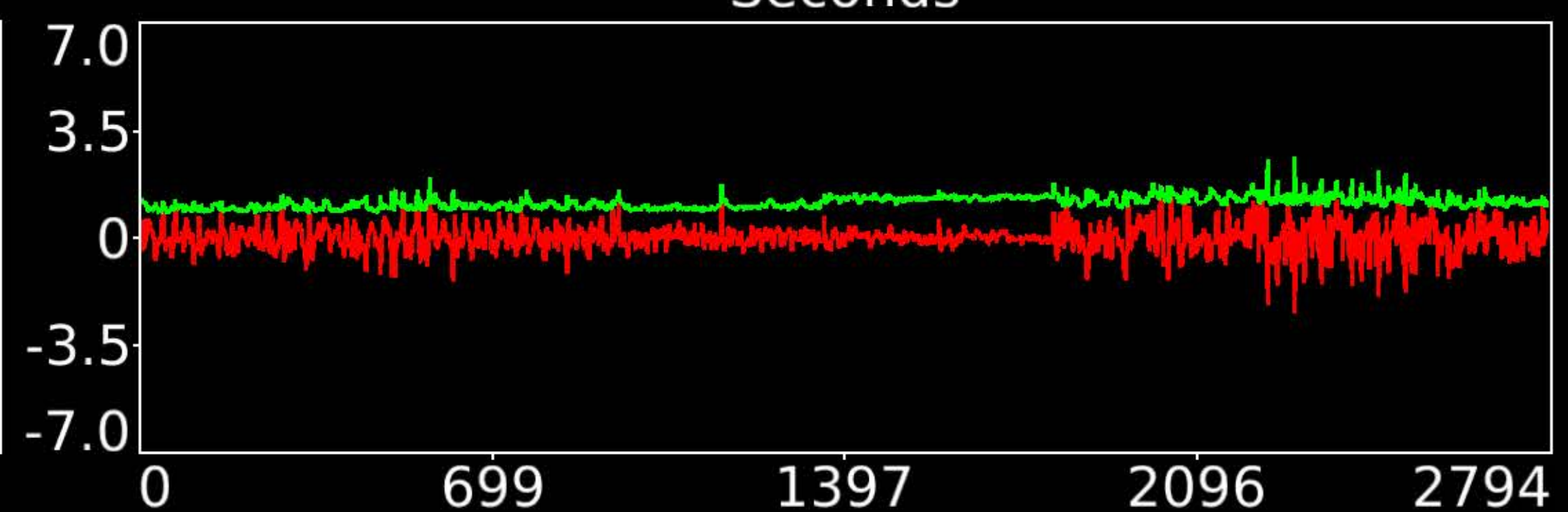
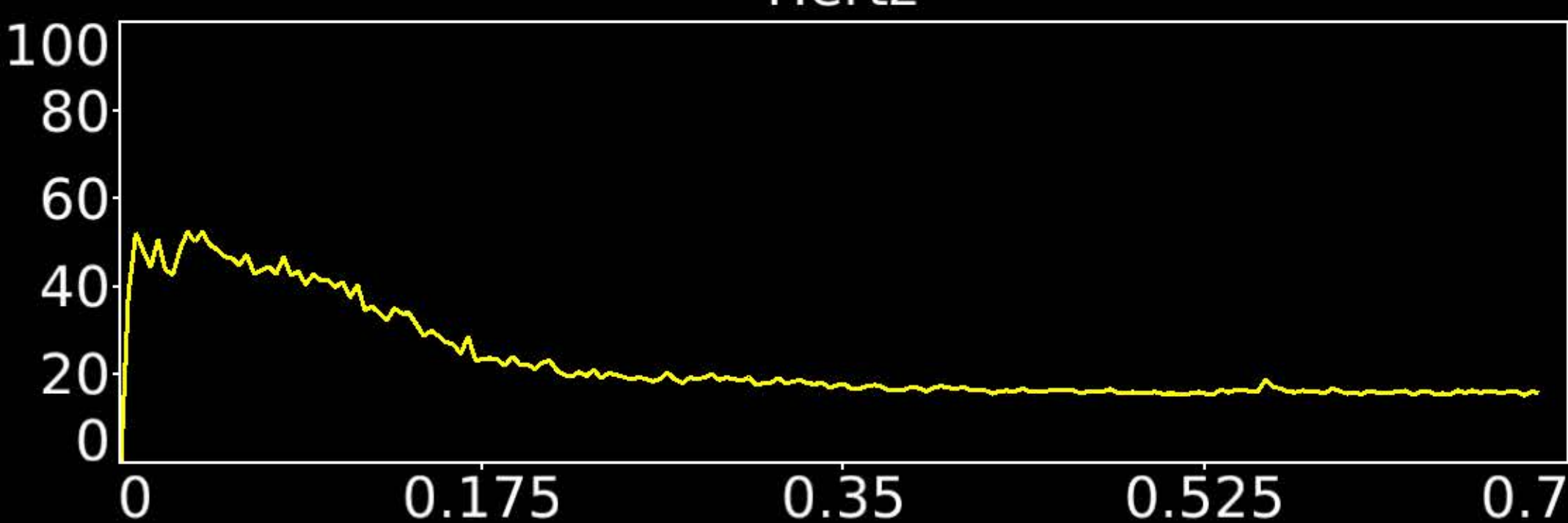
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Cingulo-Opercular Network)



Hertz

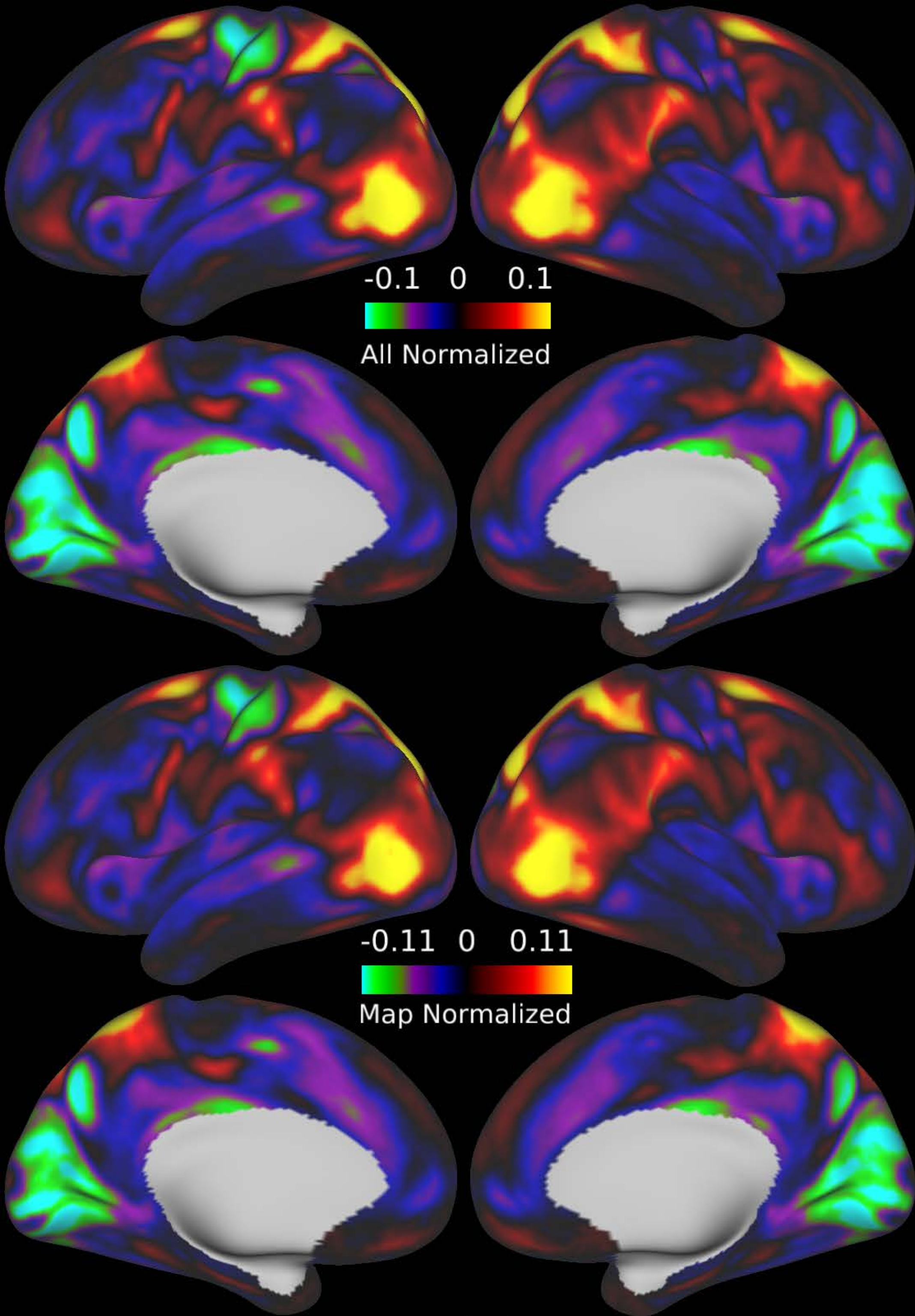


Seconds

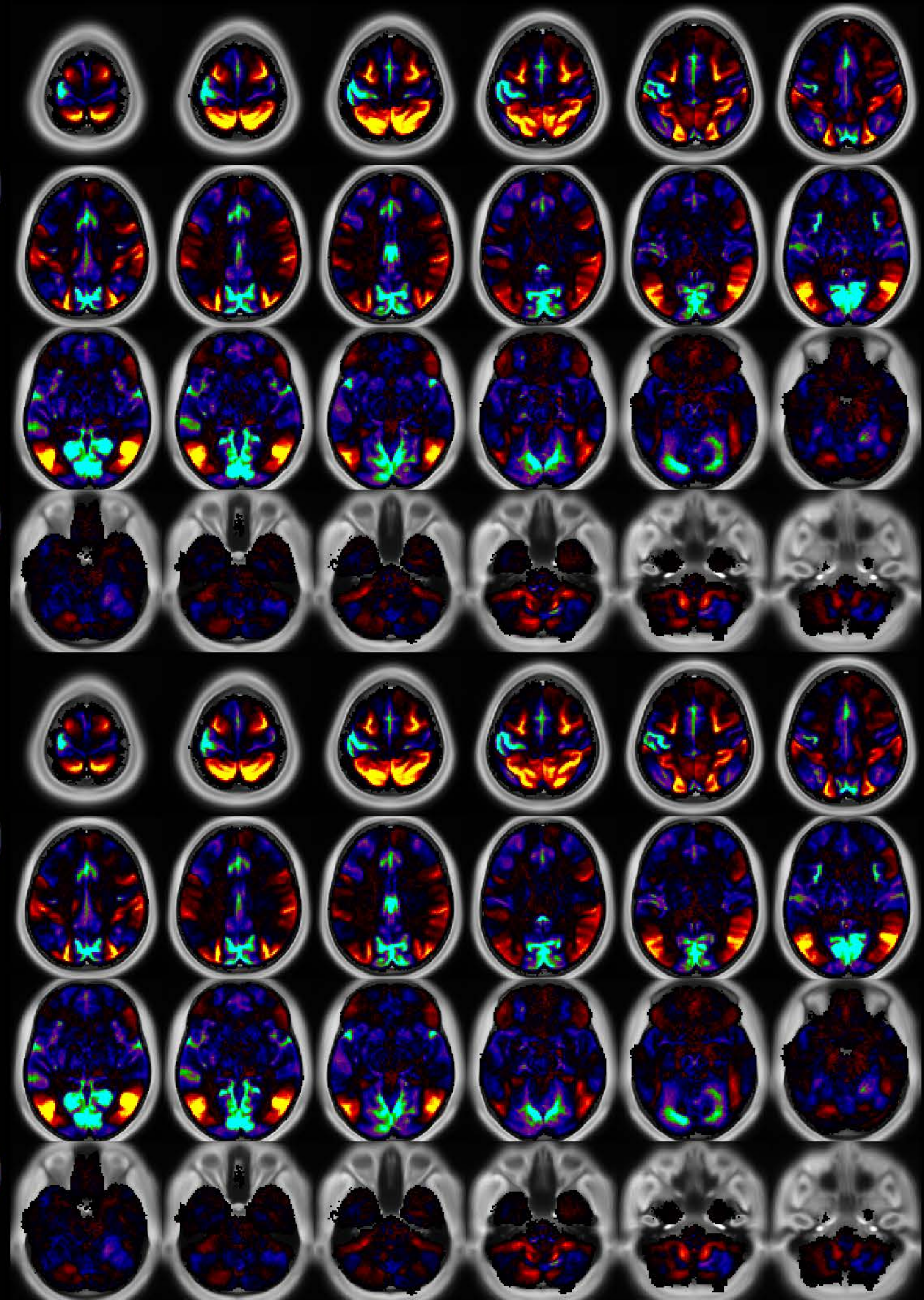


Number & Class: 10 Signal		Name: Pan-Visual (Paracentral)	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 2.6	Globality Index: 0.19	
Task Component: 3+17	Rest Component: No	Task Modulated: No	

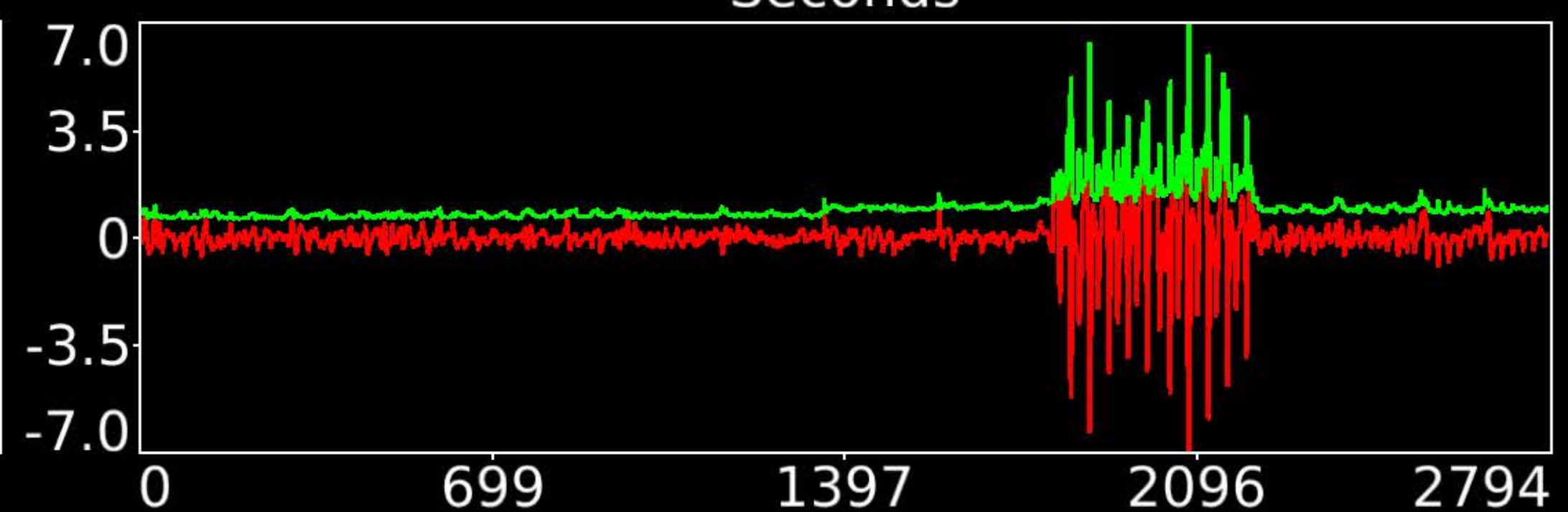
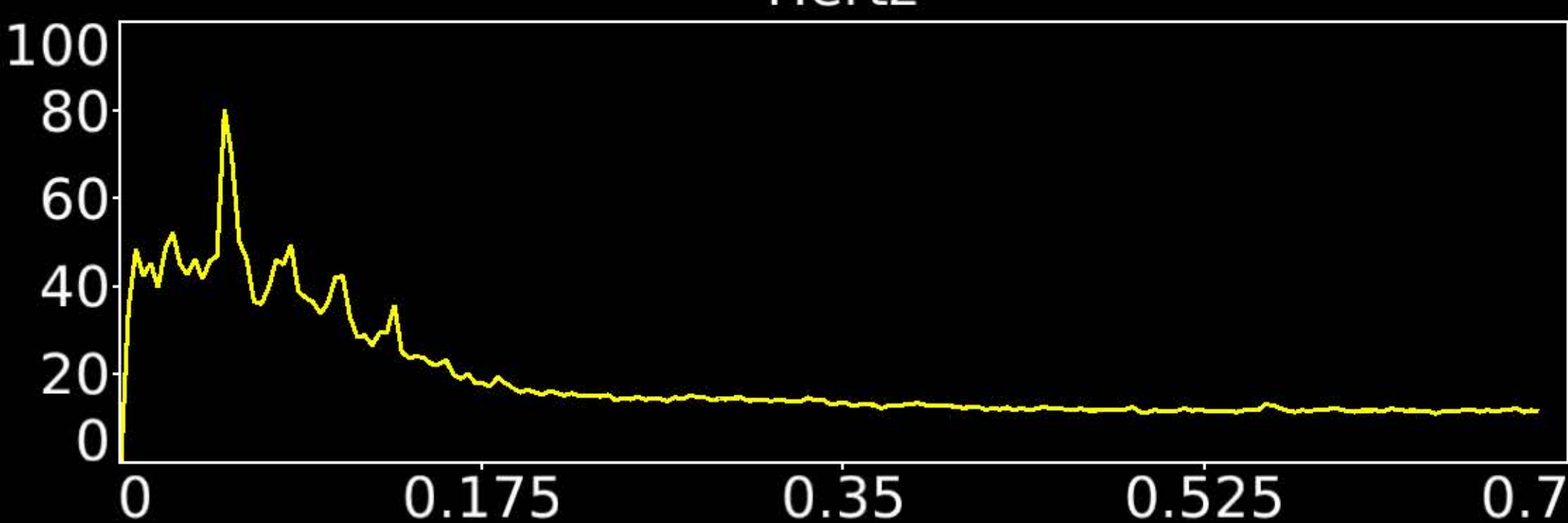
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Paracentral vs Foveal and Peripheral)



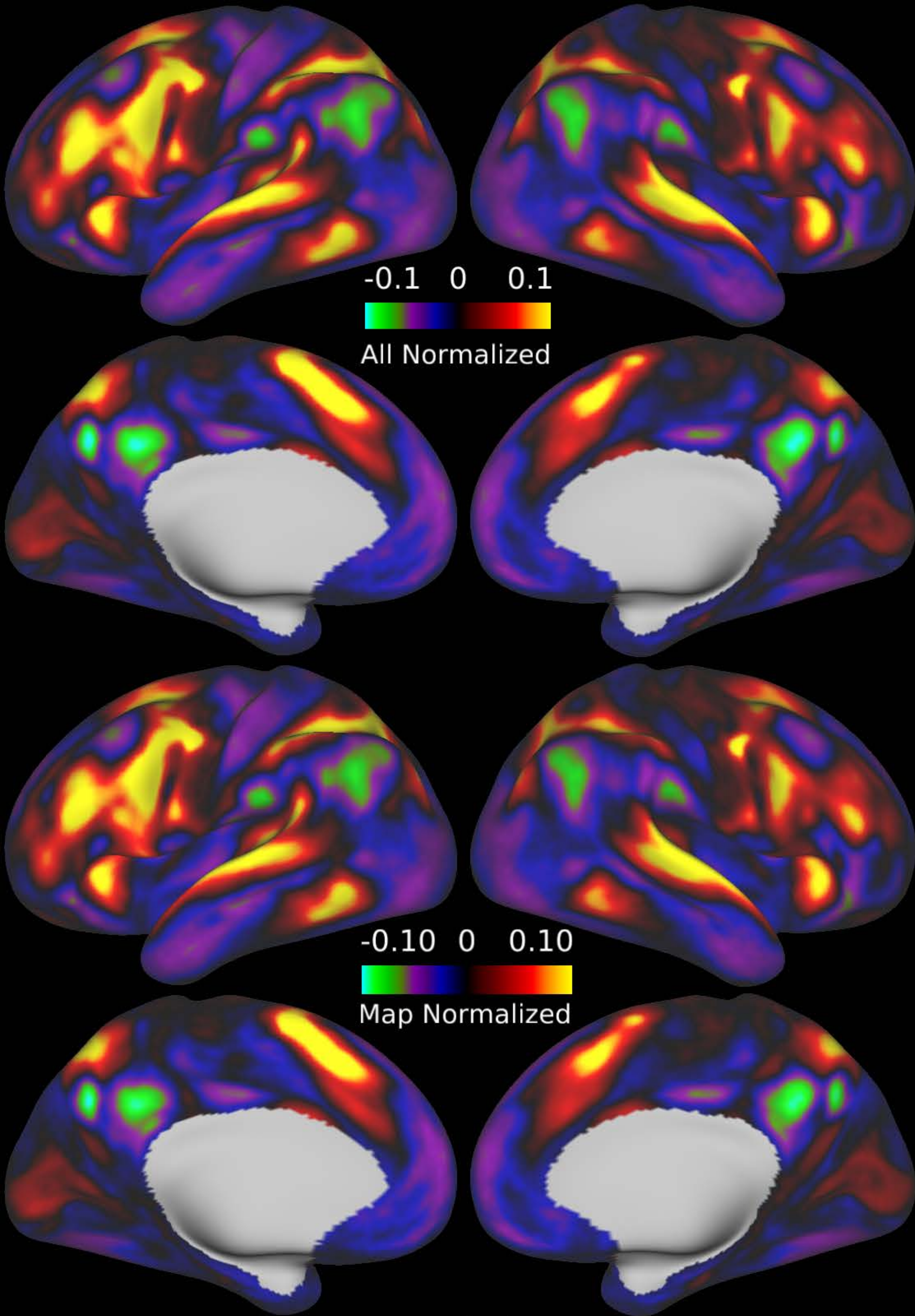
Hertz



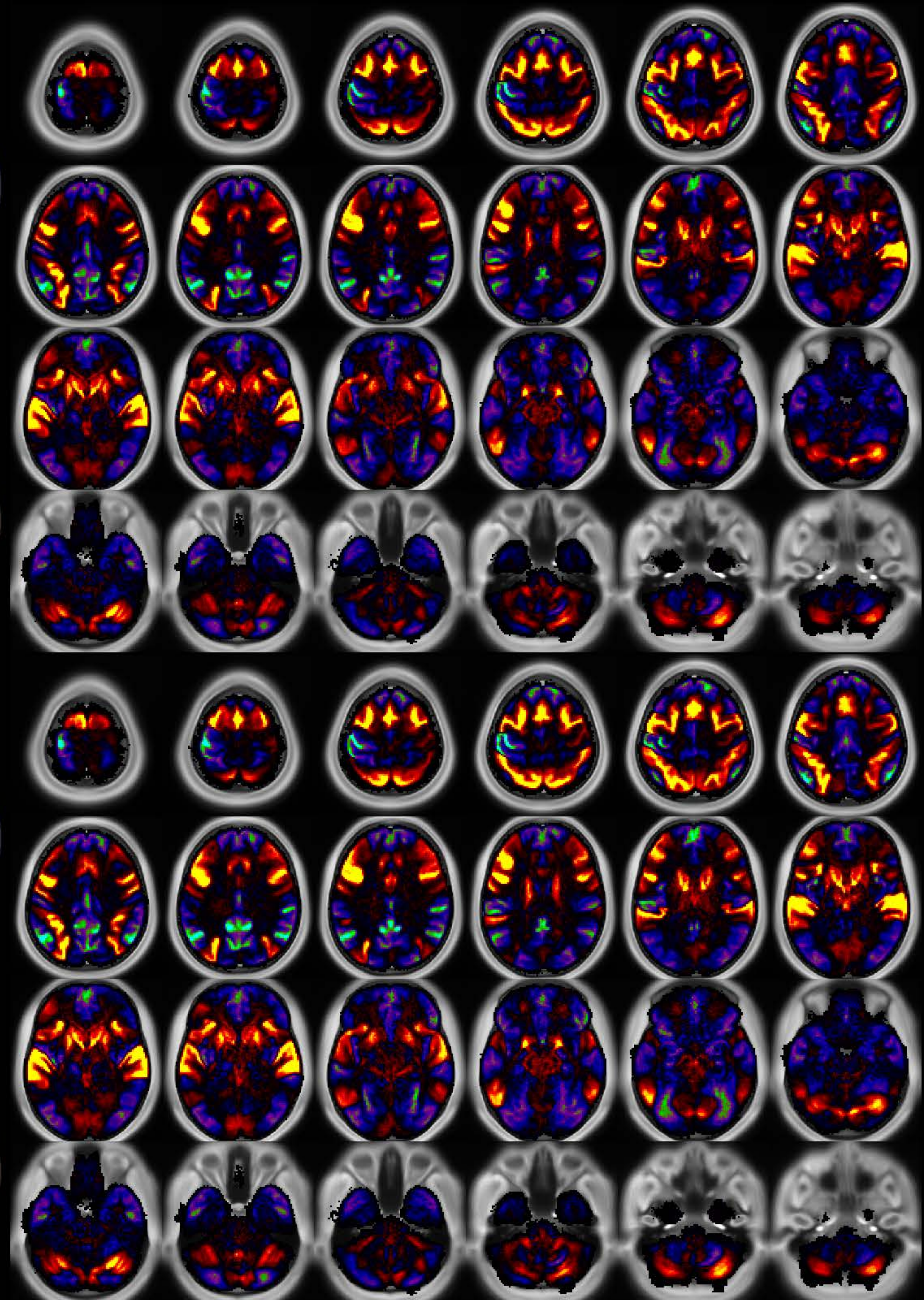
Seconds



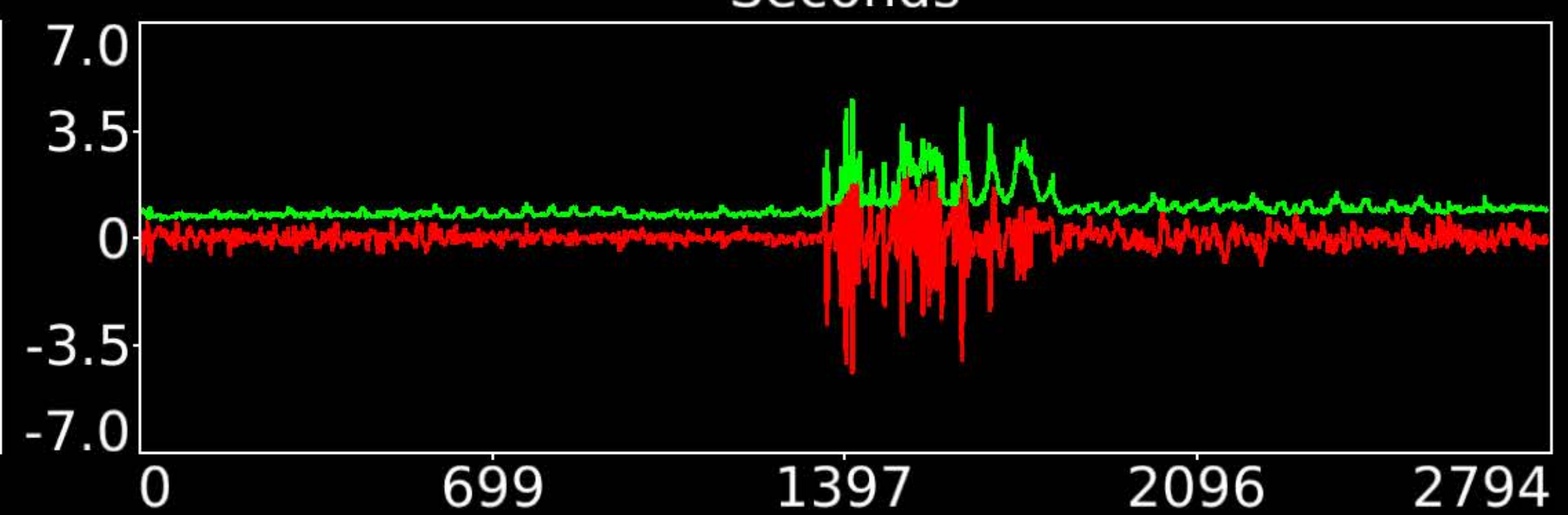
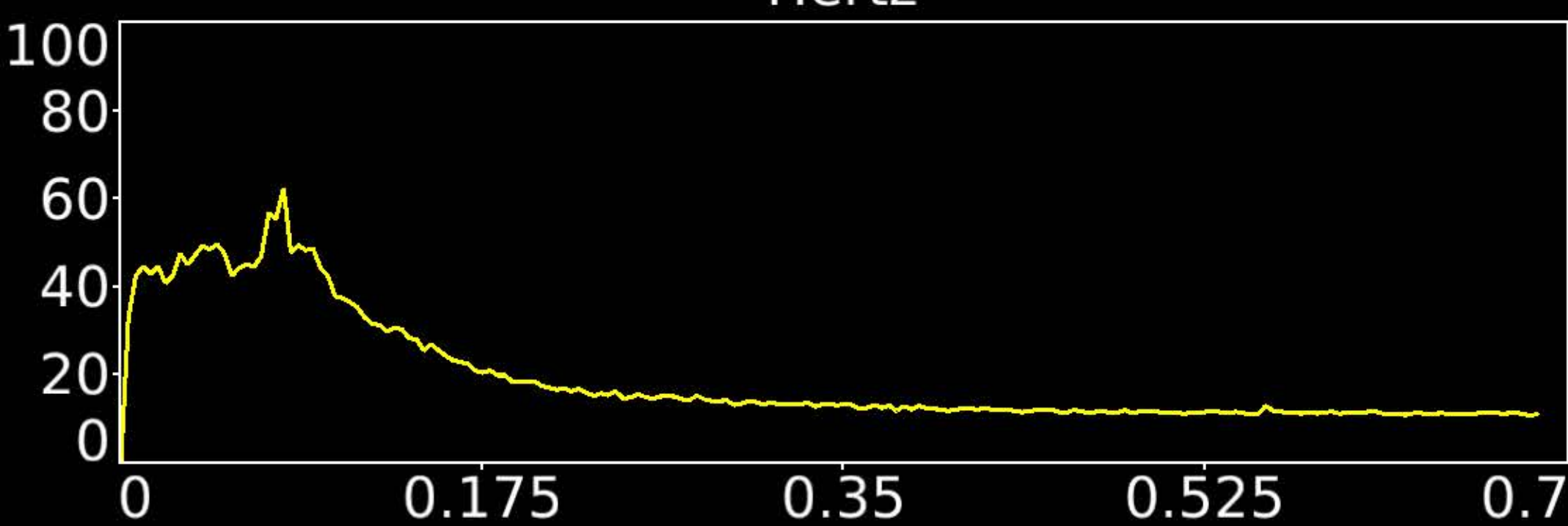
Number & Class: 11 Signal		Name: Residual Task (Social)	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 2.53	Globality Index: 0.72	
Task Component: 2	Rest Component: No	Task Modulated: Social	
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design			



Hertz

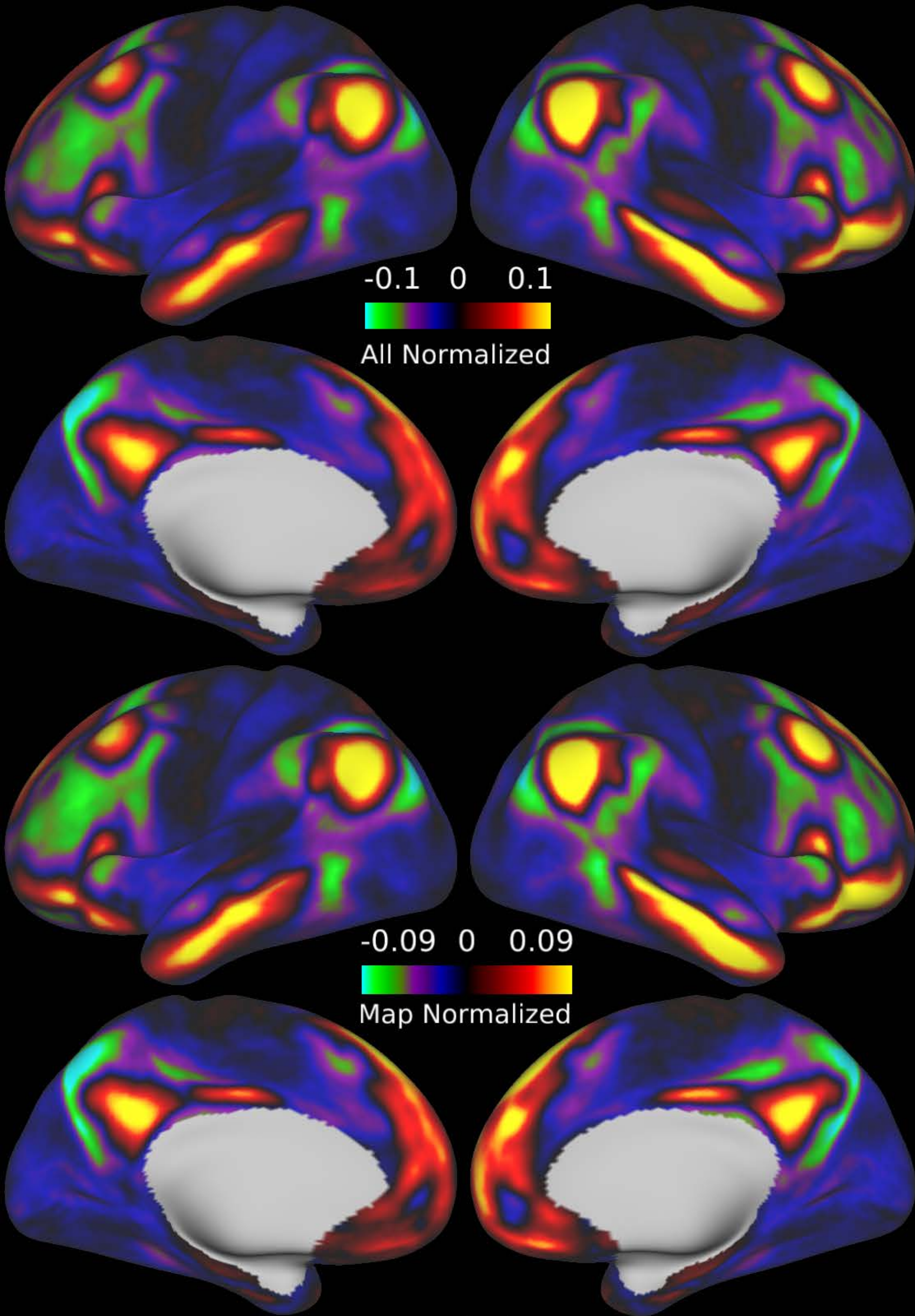


Seconds

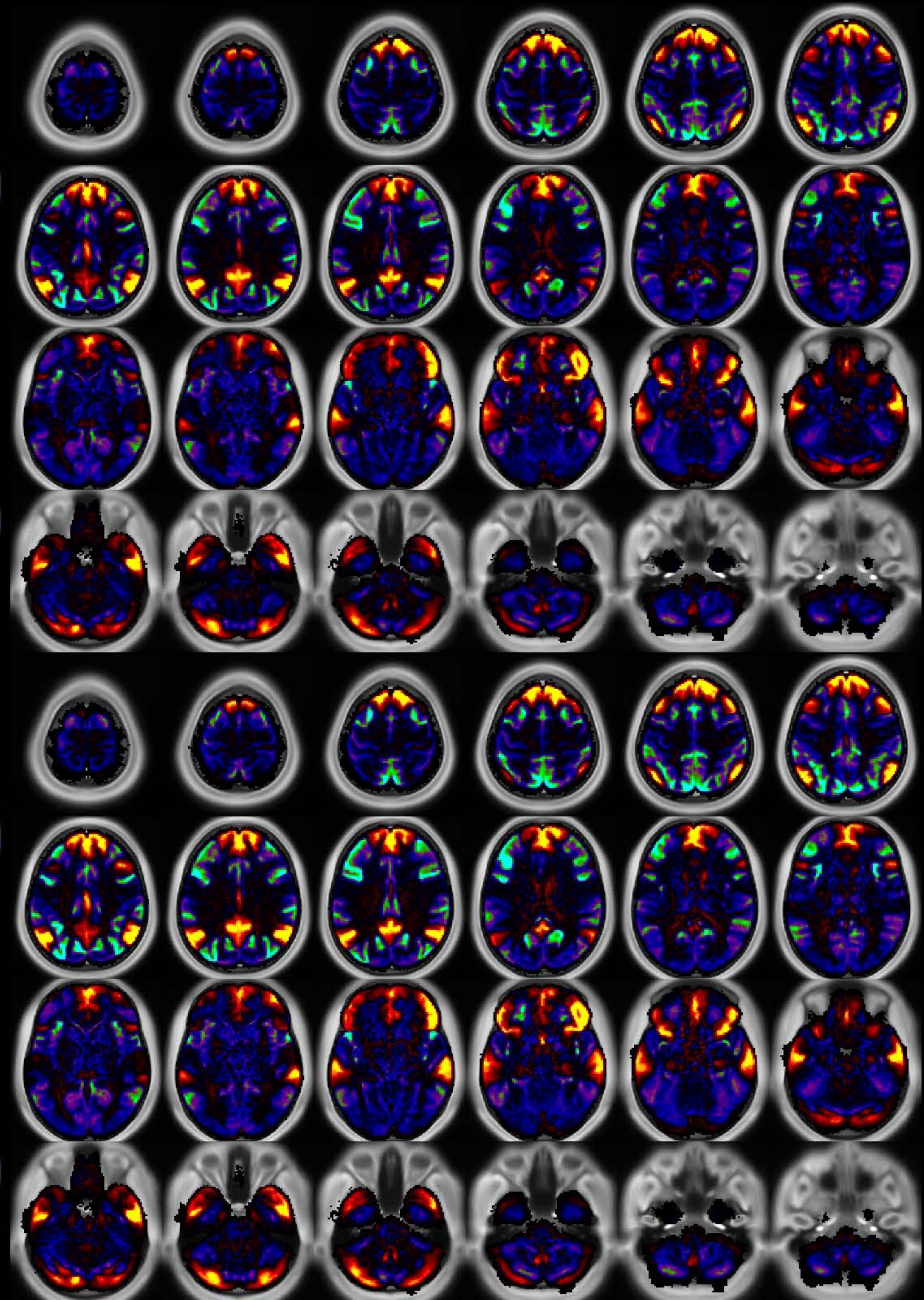


Number & Class: 12 Signal		Name: Residual Task (Language Math)	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 2.34	Globality Index: 0.03	
Task Component: No	Rest Component: 12	Task Modulated: Language	

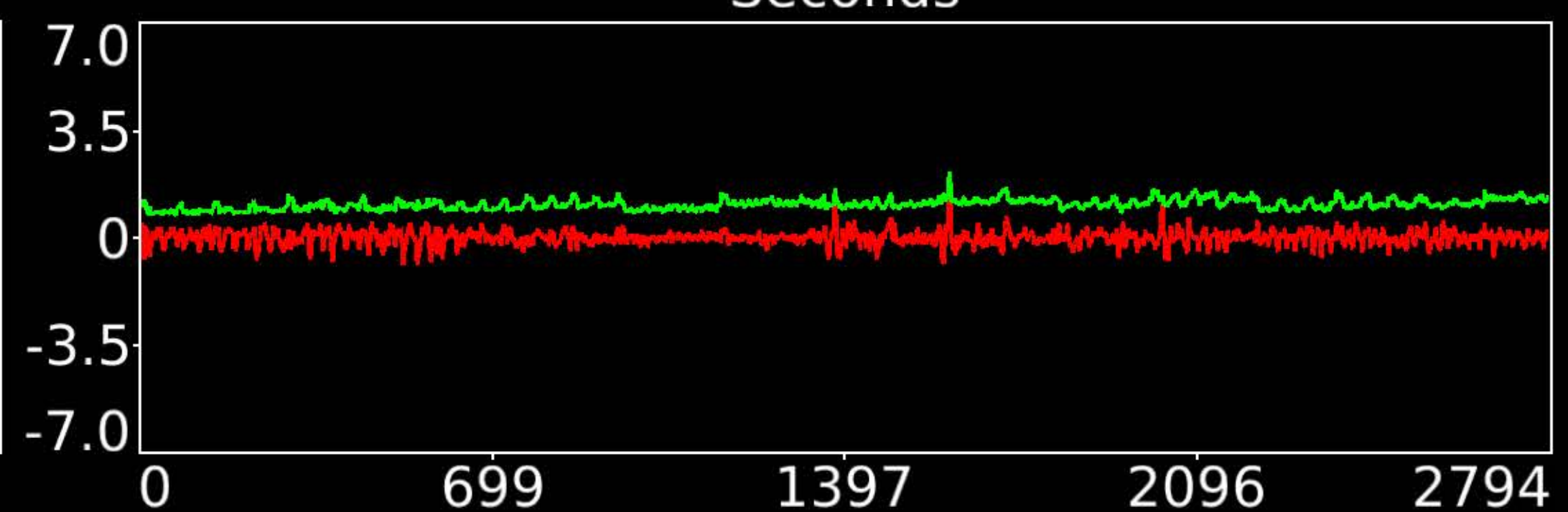
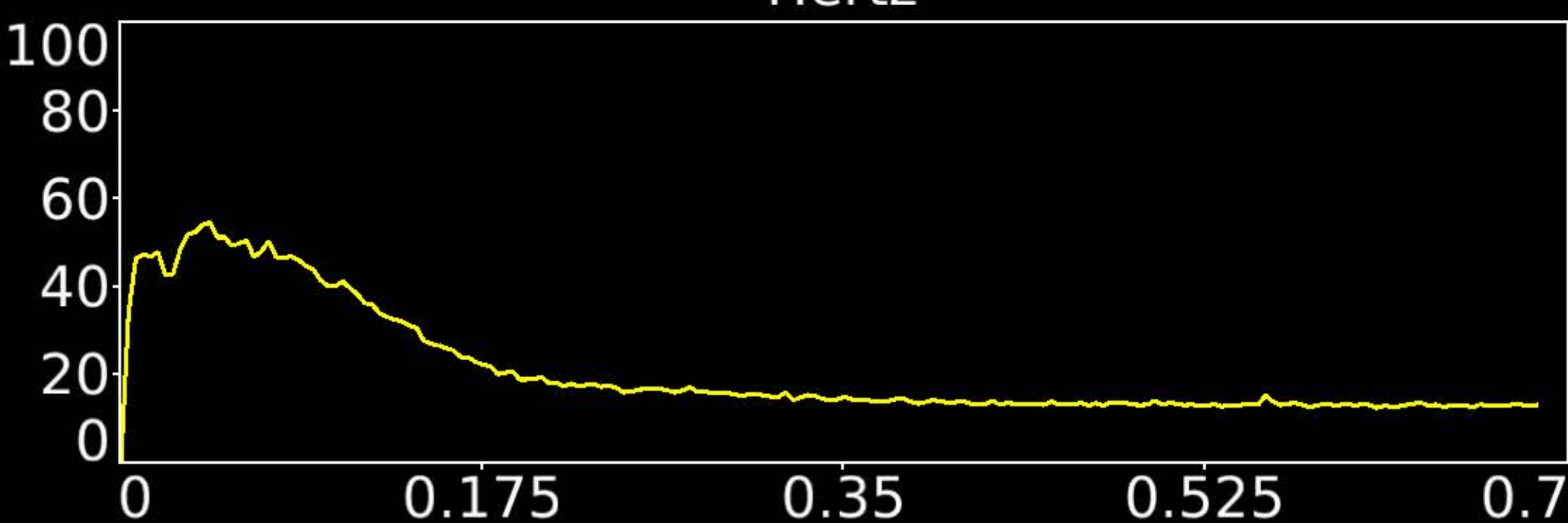
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design



Hertz

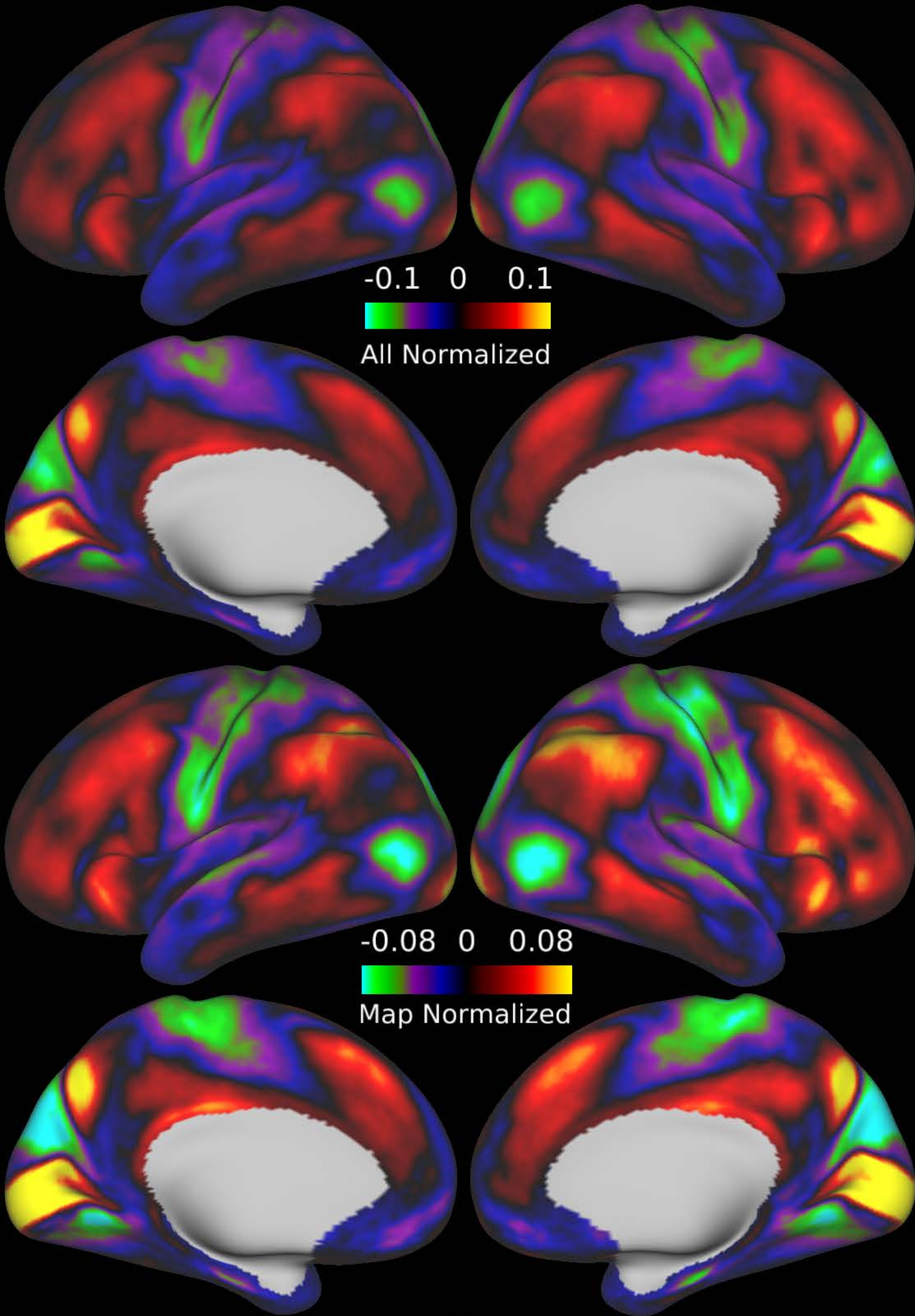


Seconds

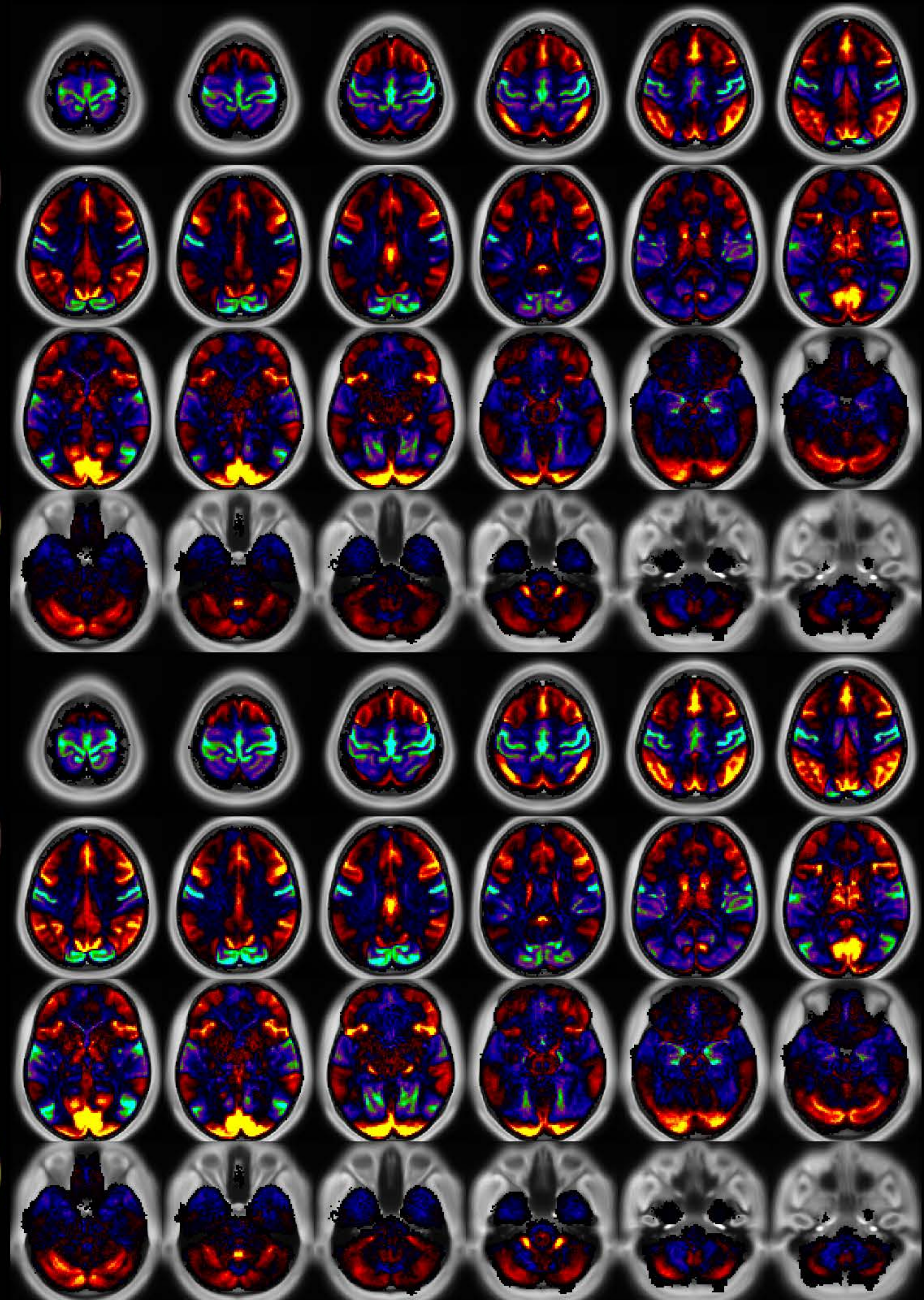


Number & Class: 13 Signal		Name: Subsidiary Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 2.34	Globality Index: 1.52	
Task Component: No	Rest Component: -21	Task Modulated: No	

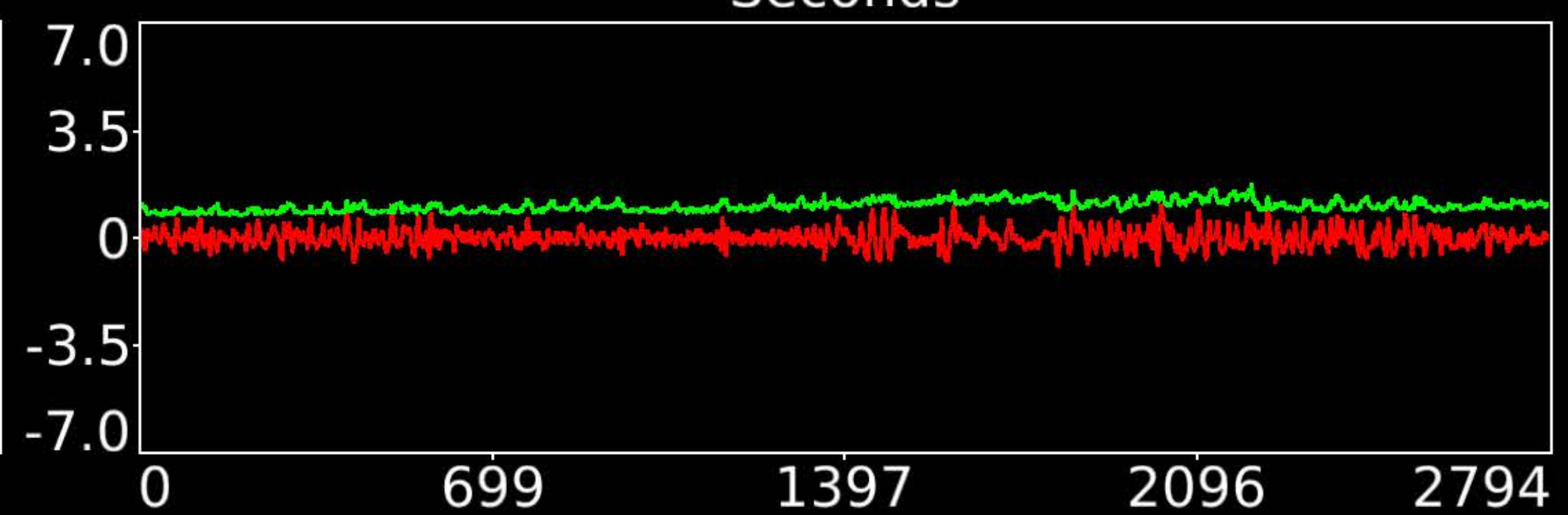
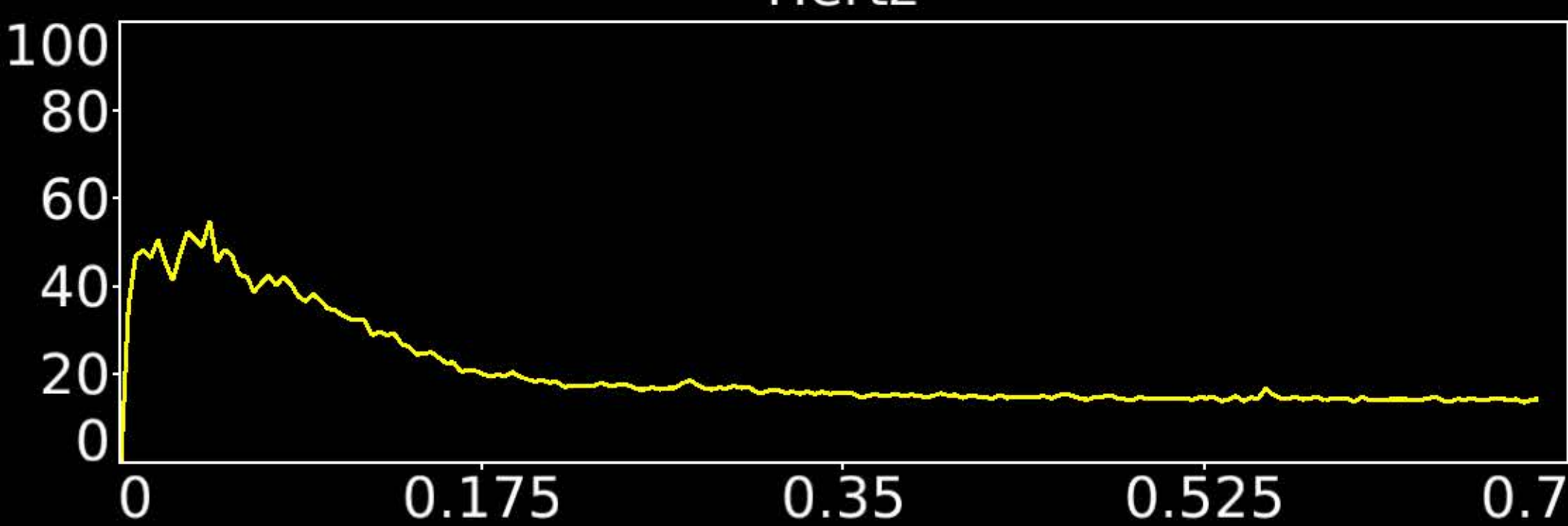
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network)



Hertz

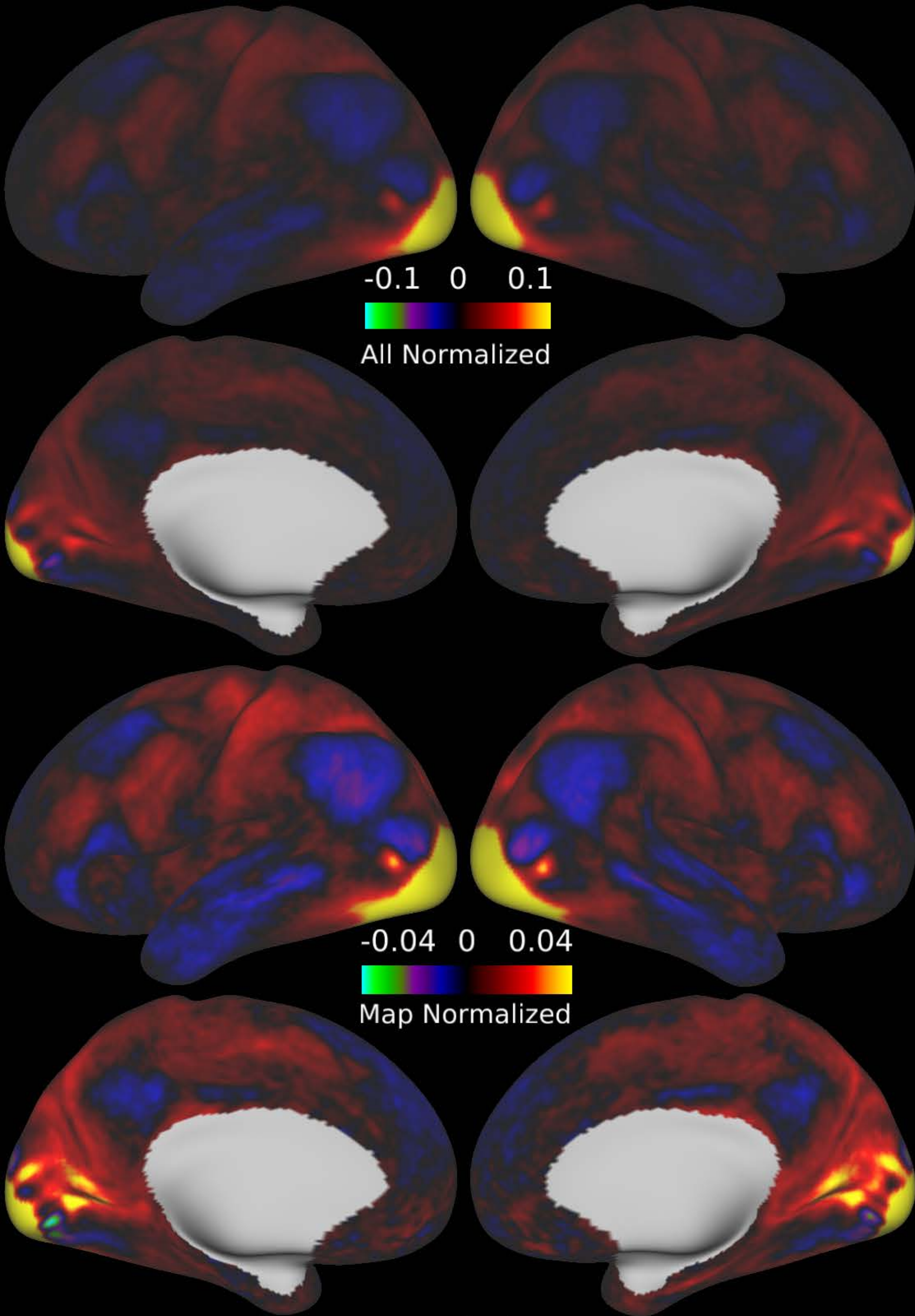


Seconds

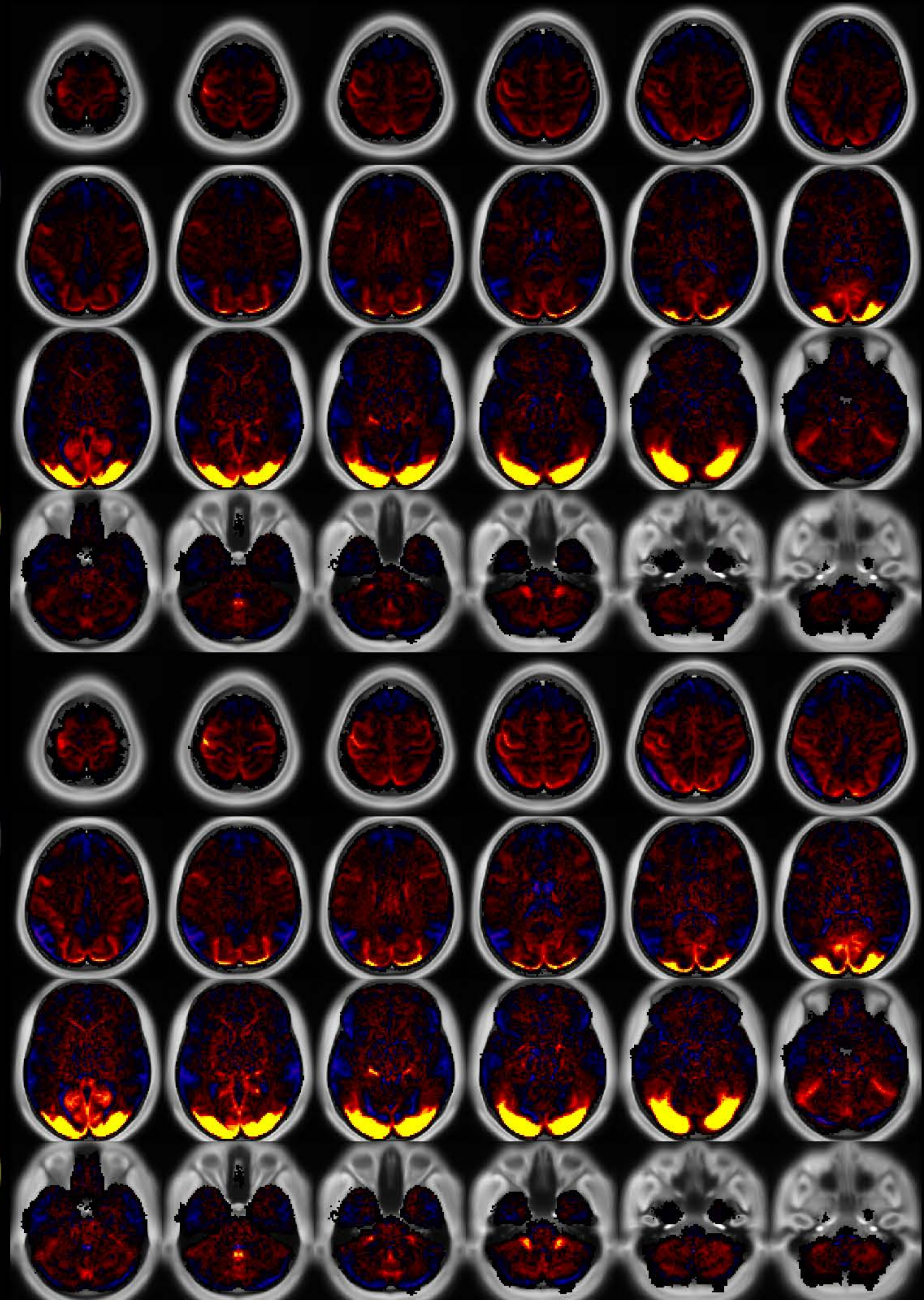


Number & Class: 14 Signal		Name: LGN to V1 Variable Component	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 2.27	Globality Index: 0.02	
Task Component: 14	Rest Component: 2	Task Modulated: No	

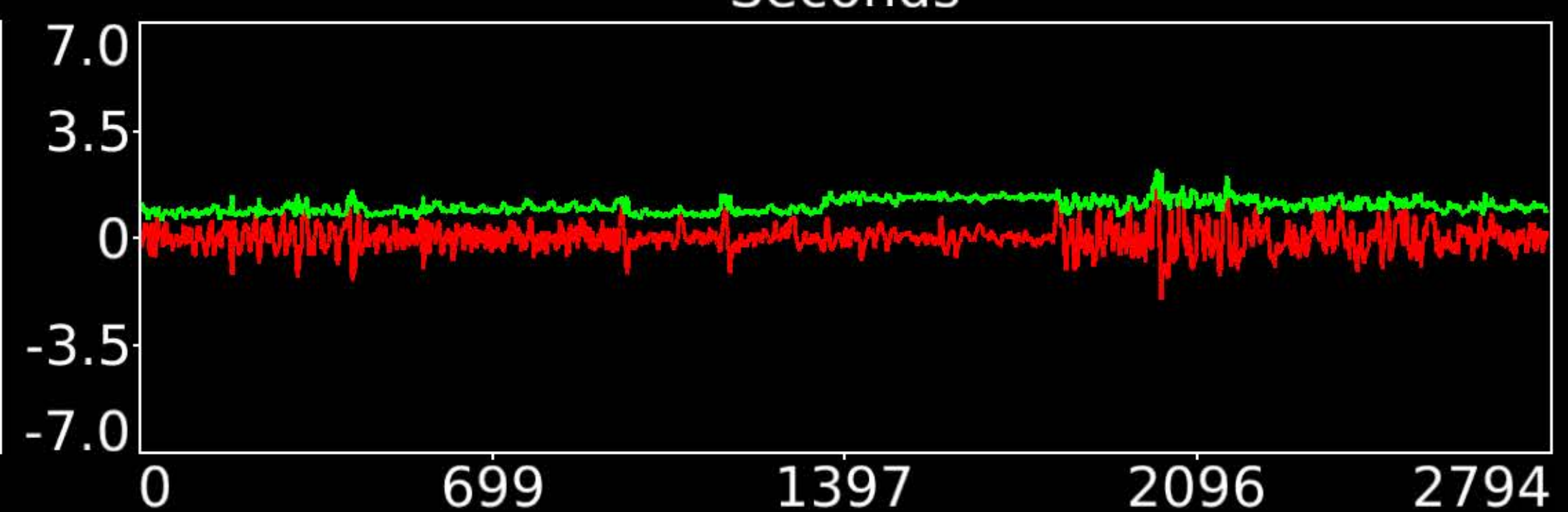
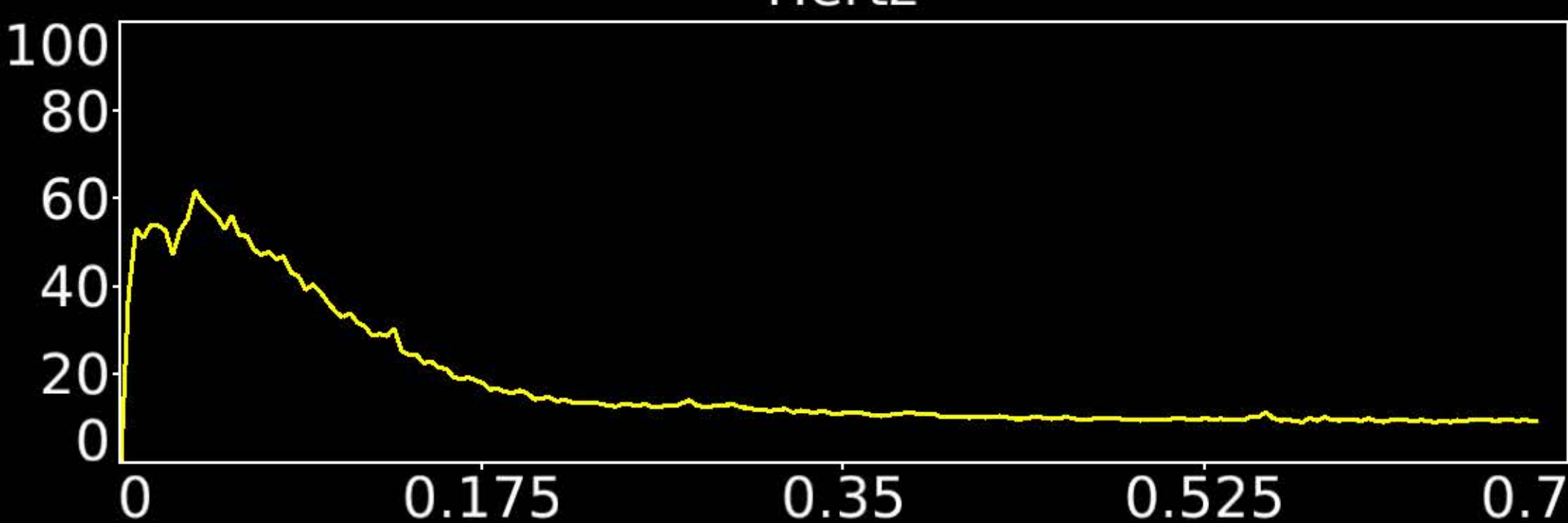
Rationale: Spatial map includes positive and negative patches that respect known areal boundaries (e.g. V1 and V2)



Hertz

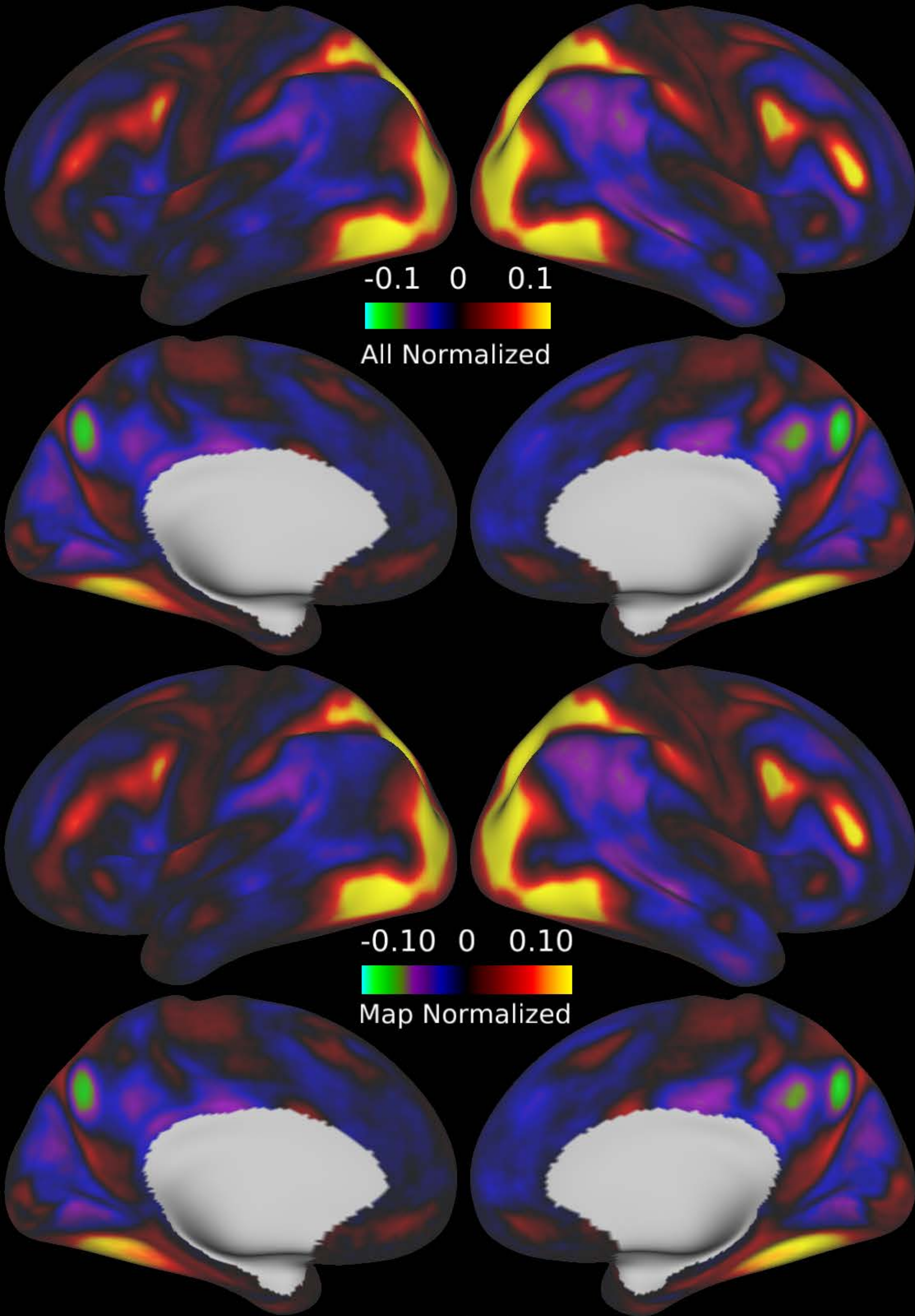


Seconds

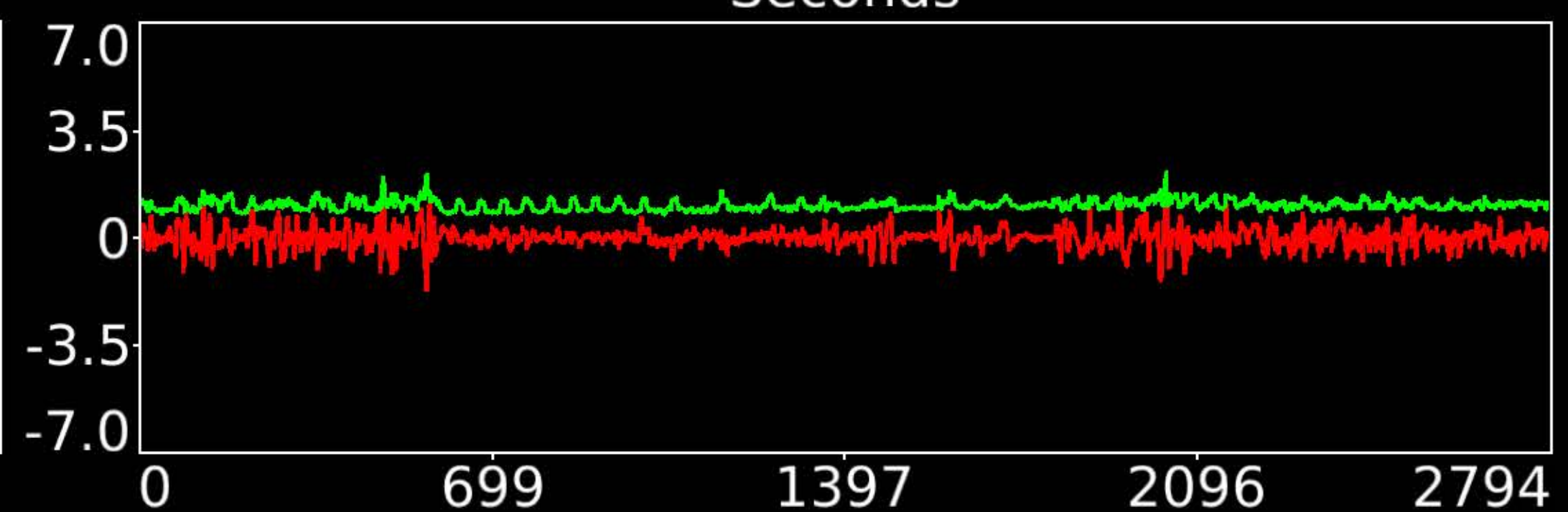
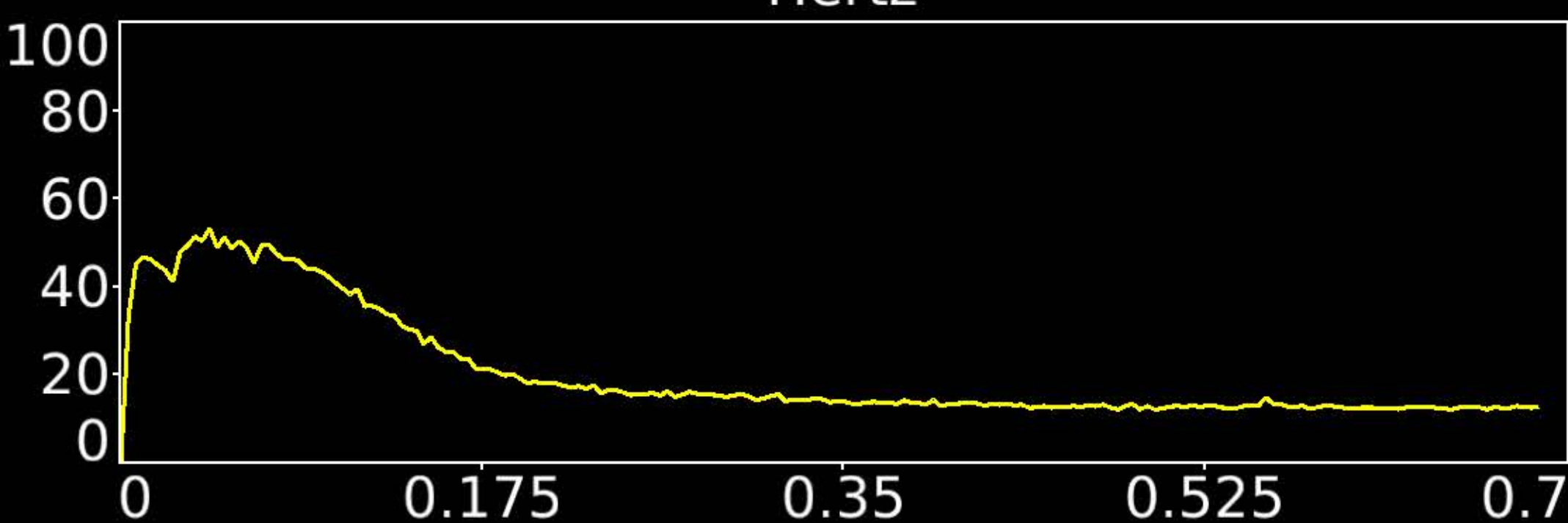
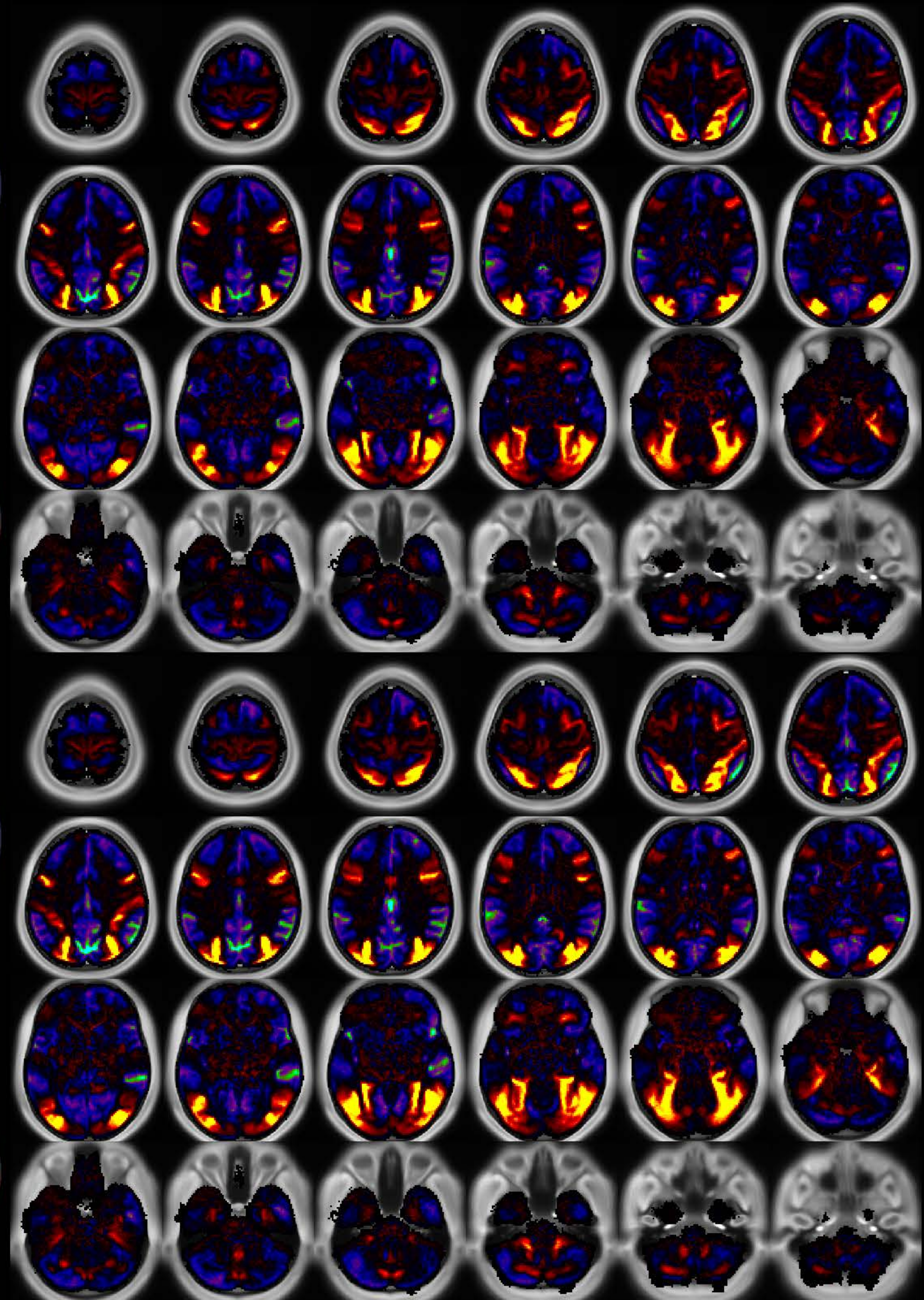


Number & Class: 15 Signal		Name: Foveal Visual	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 2.26	Globality Index: 1.59	
Task Component: 34	Rest Component: 41	Task Modulated: Language	

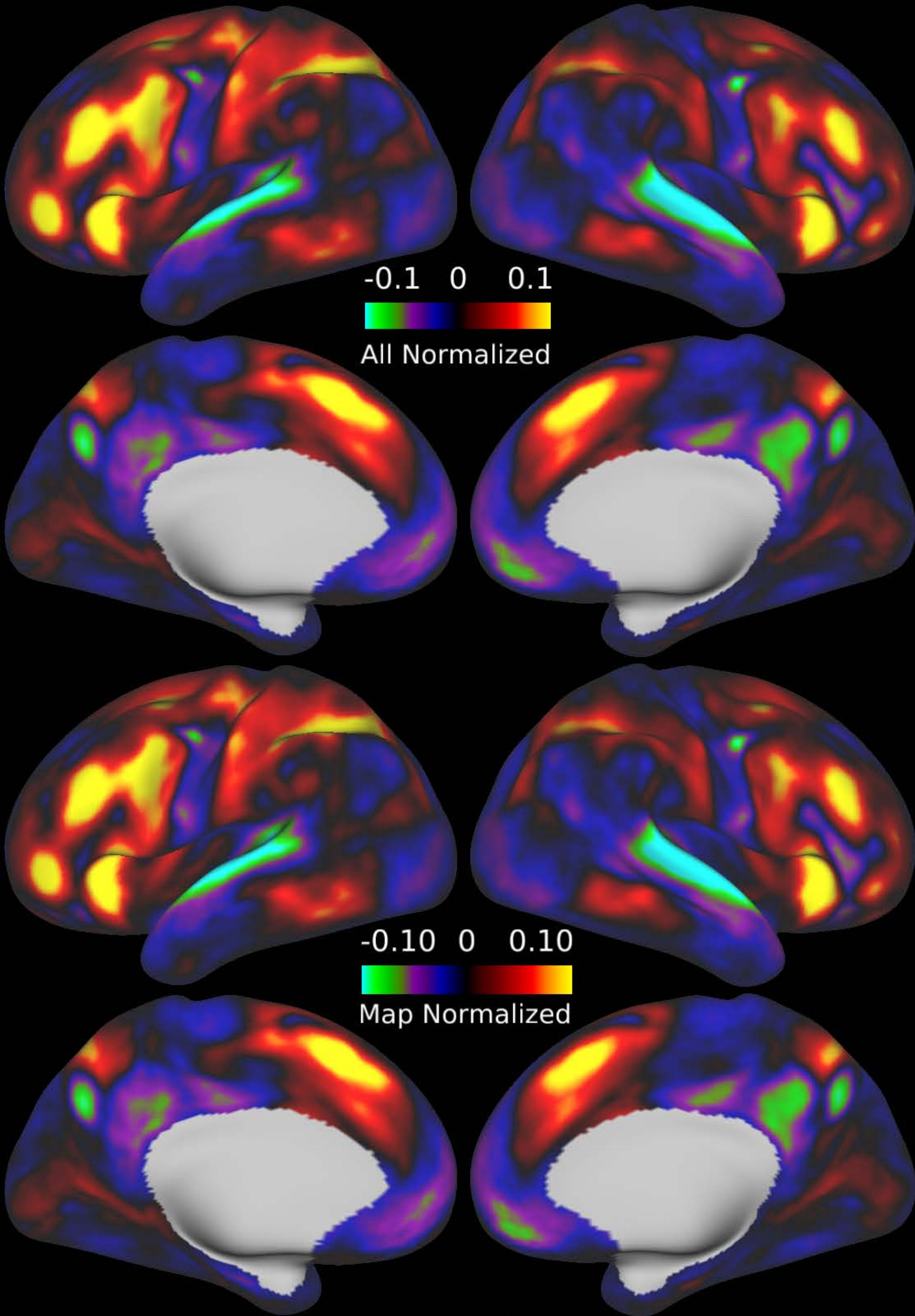
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Foveal vs ParaCentral)



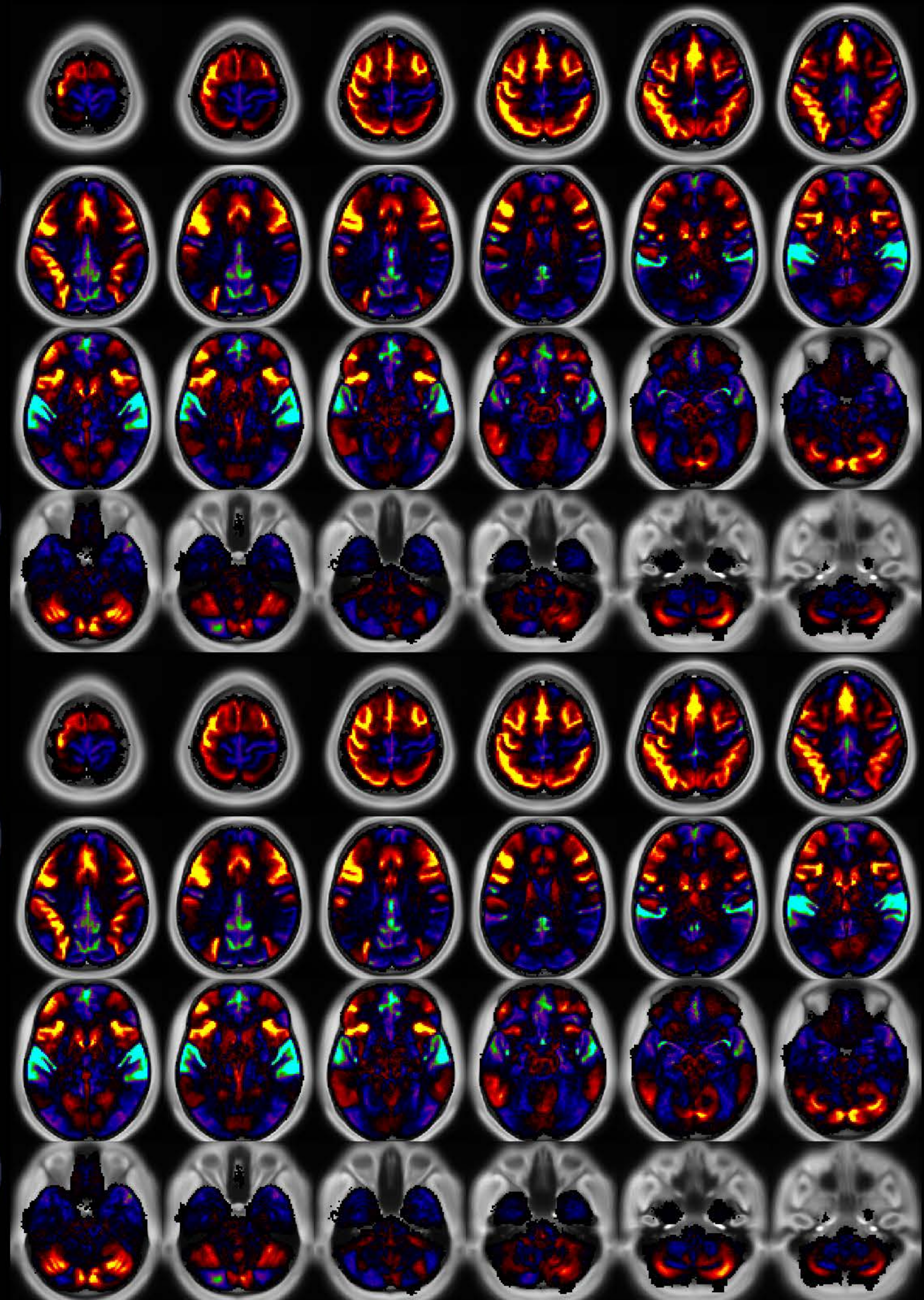
Hertz



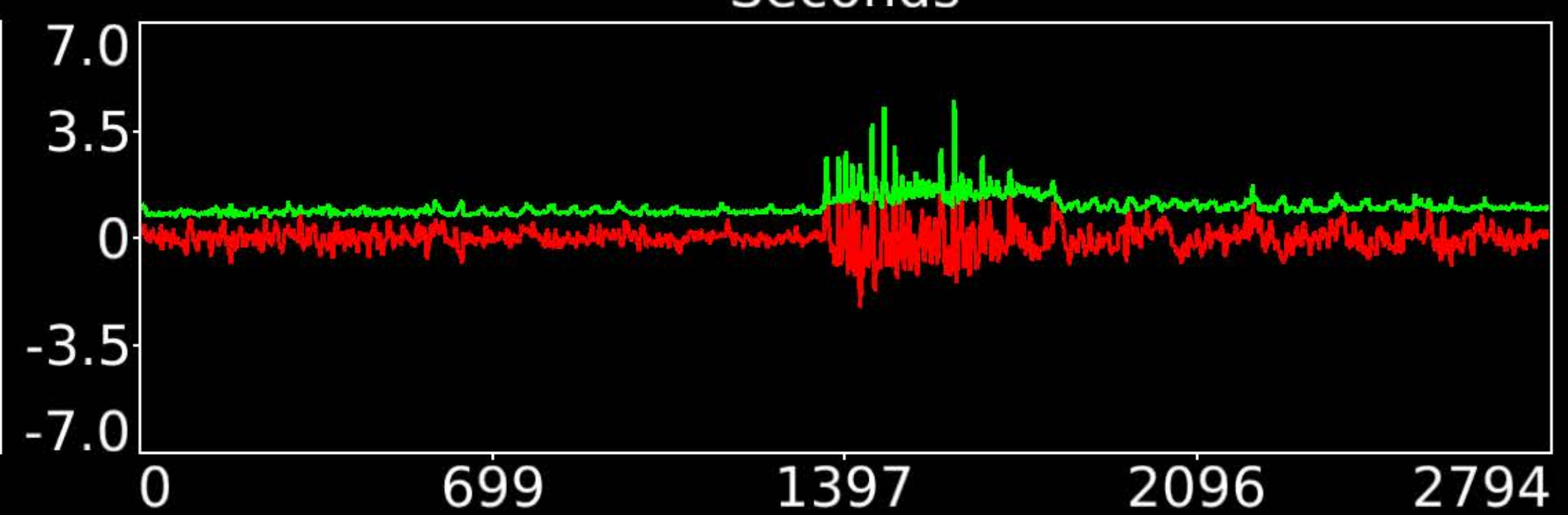
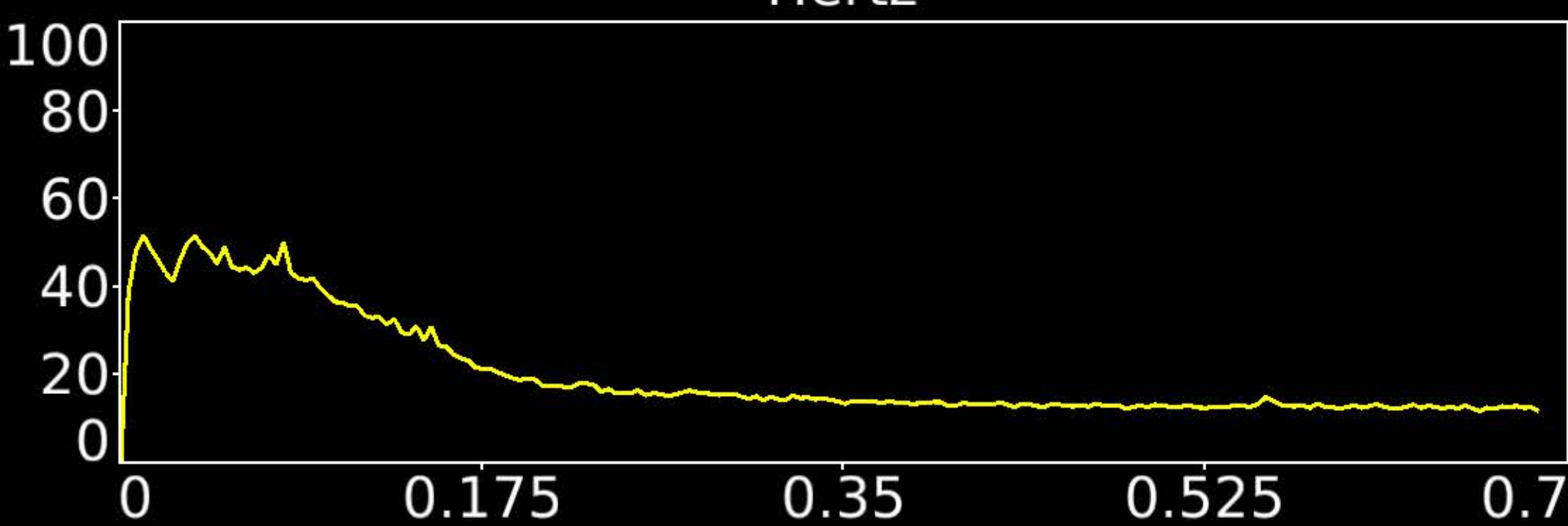
Number & Class: 16 Signal		Name: Higher Visual	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 2.21	Globality Index: 0.3	
Task Component: No	Rest Component: 18	Task Modulated: No	
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Dorsal Attention Network)			



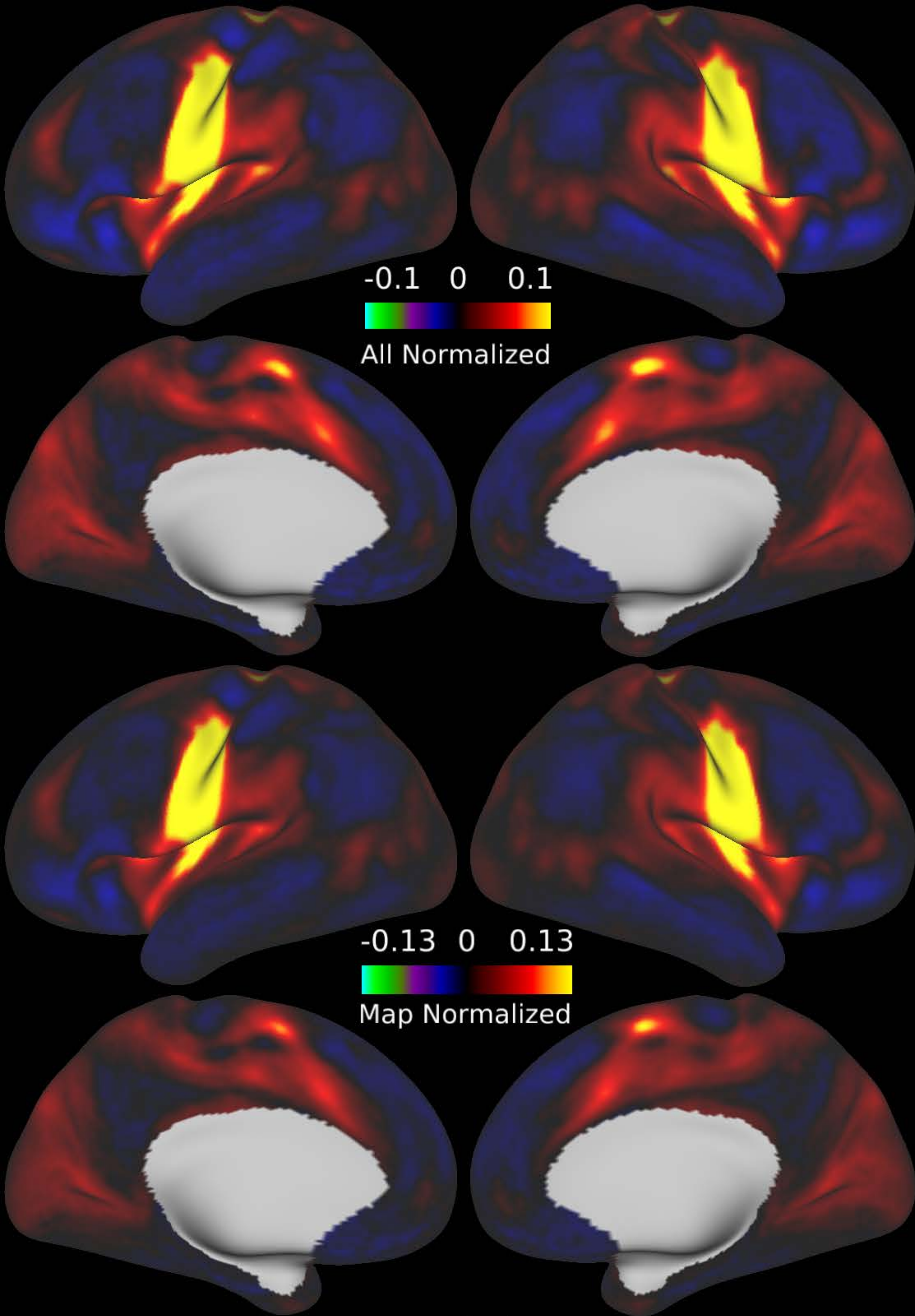
Hertz



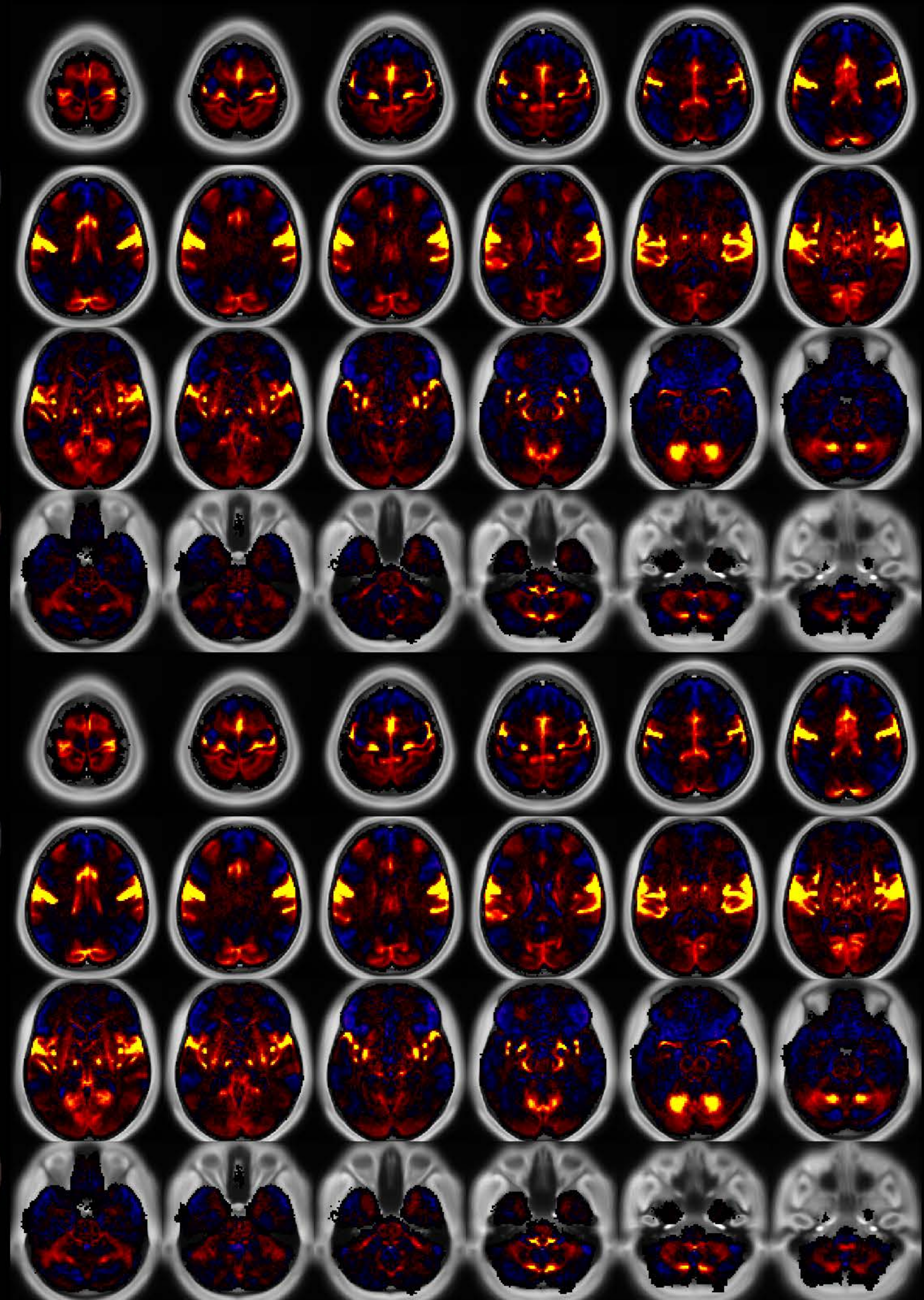
Seconds



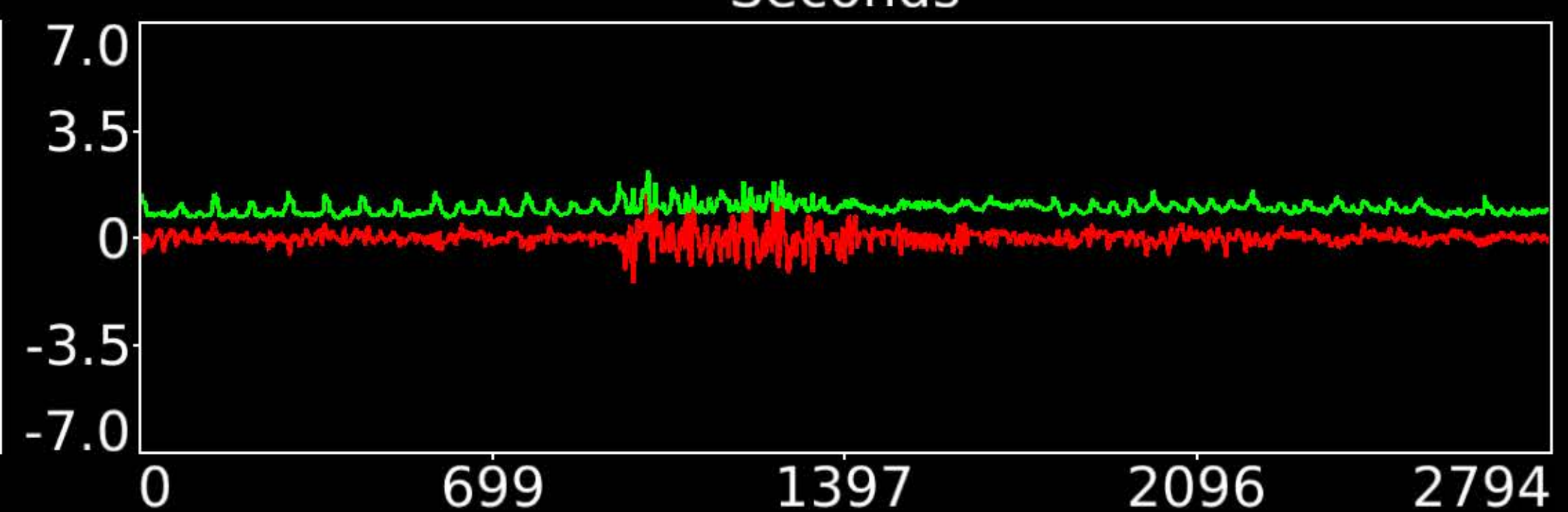
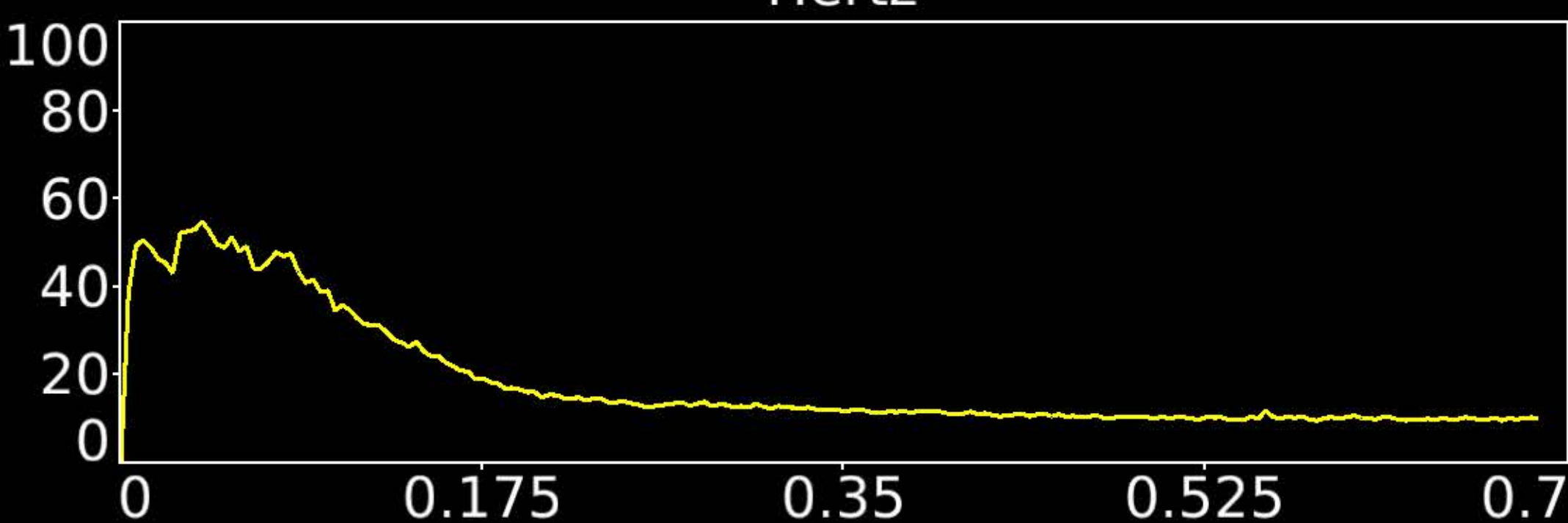
Number & Class: 17 Signal		Name: Residual Task (Language Math)	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 2.17	Globality Index: 0	
Task Component: 24	Rest Component: 12	Task Modulated: Language	
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design			



Hertz

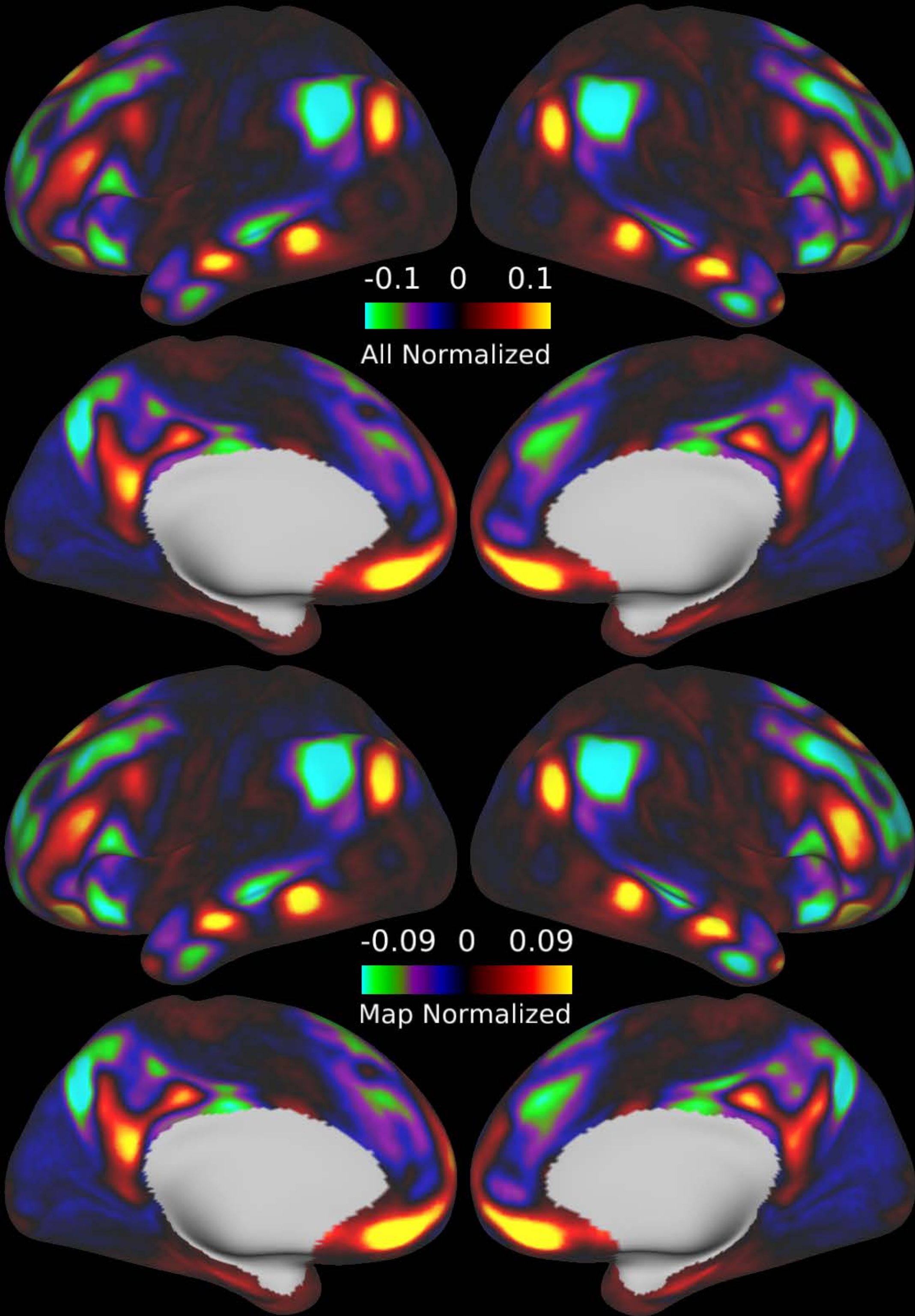


Seconds

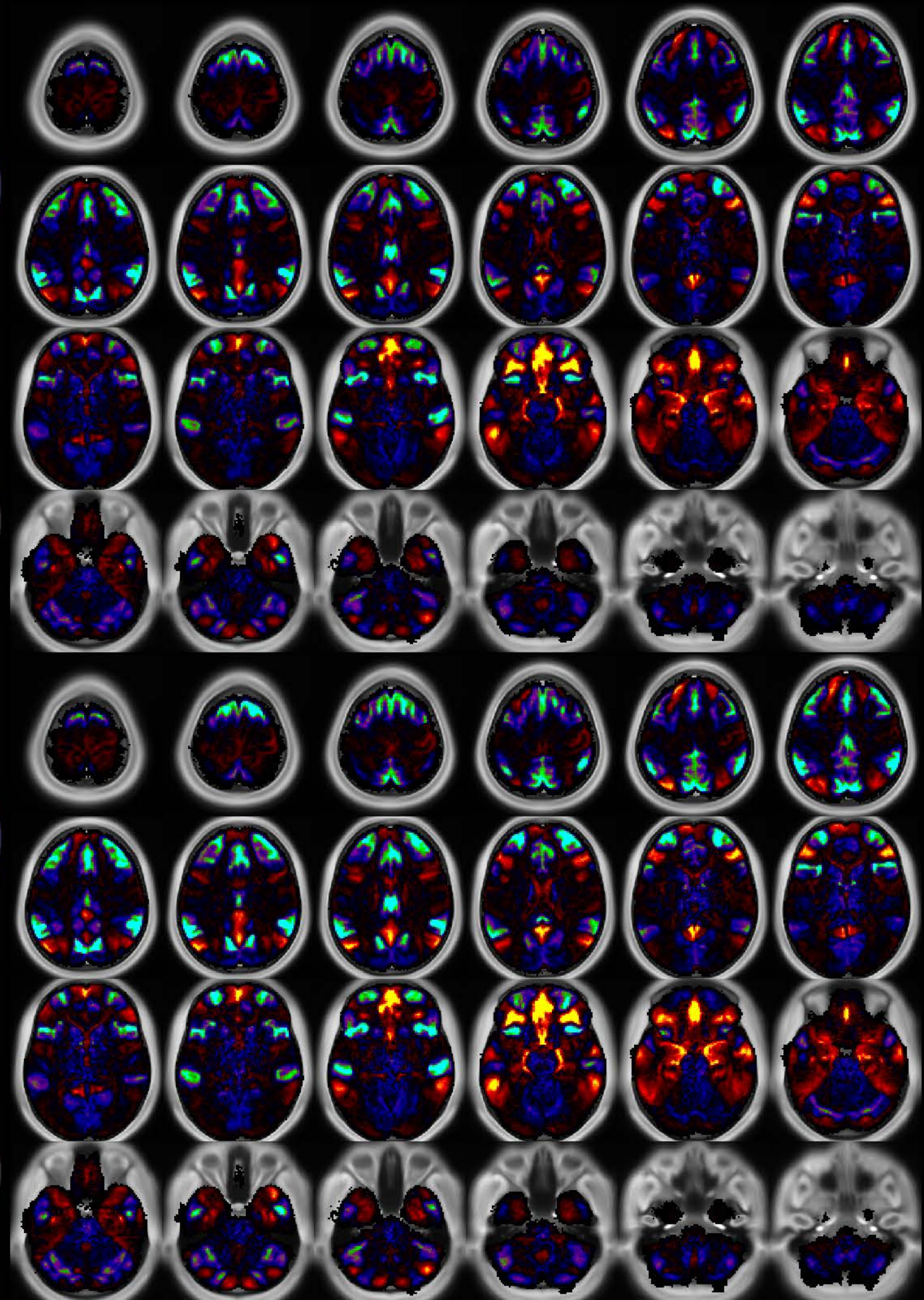


Number & Class: 18 Signal		Name: Head Motor Network	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 2.13	Globality Index: 0.81	
Task Component: 16	Rest Component: 27	Task Modulated: No	

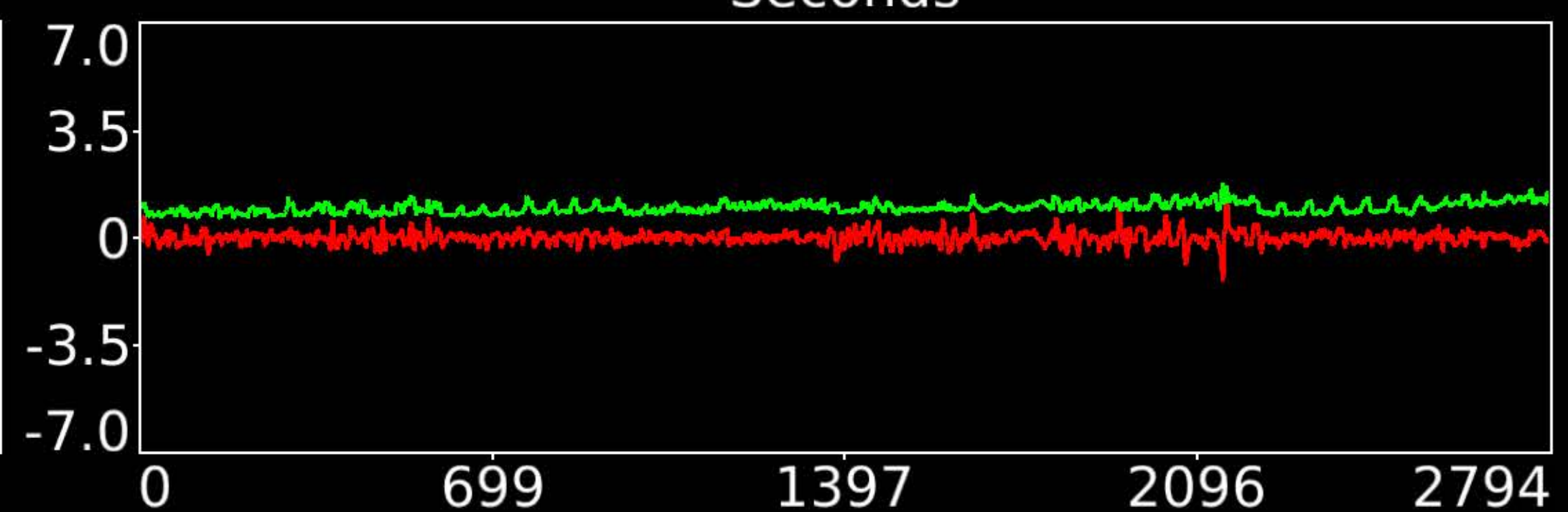
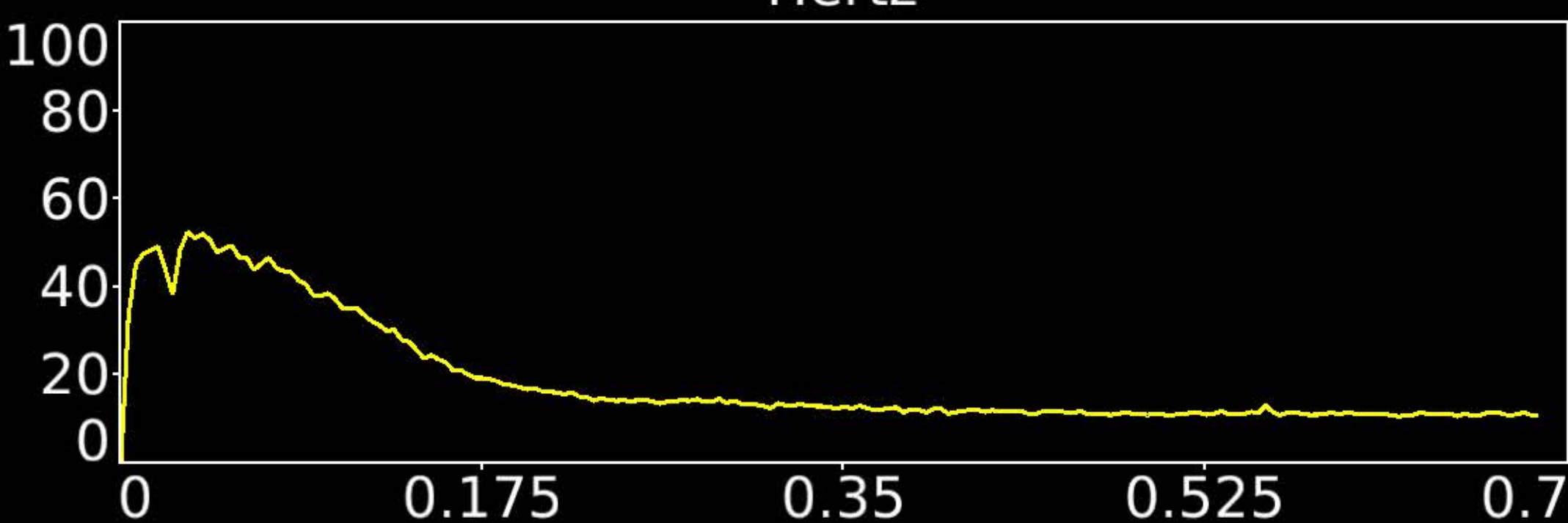
Rationale: Spatial map includes positive and negative patches that respect known somatotopic sensori-motor organization (Face)



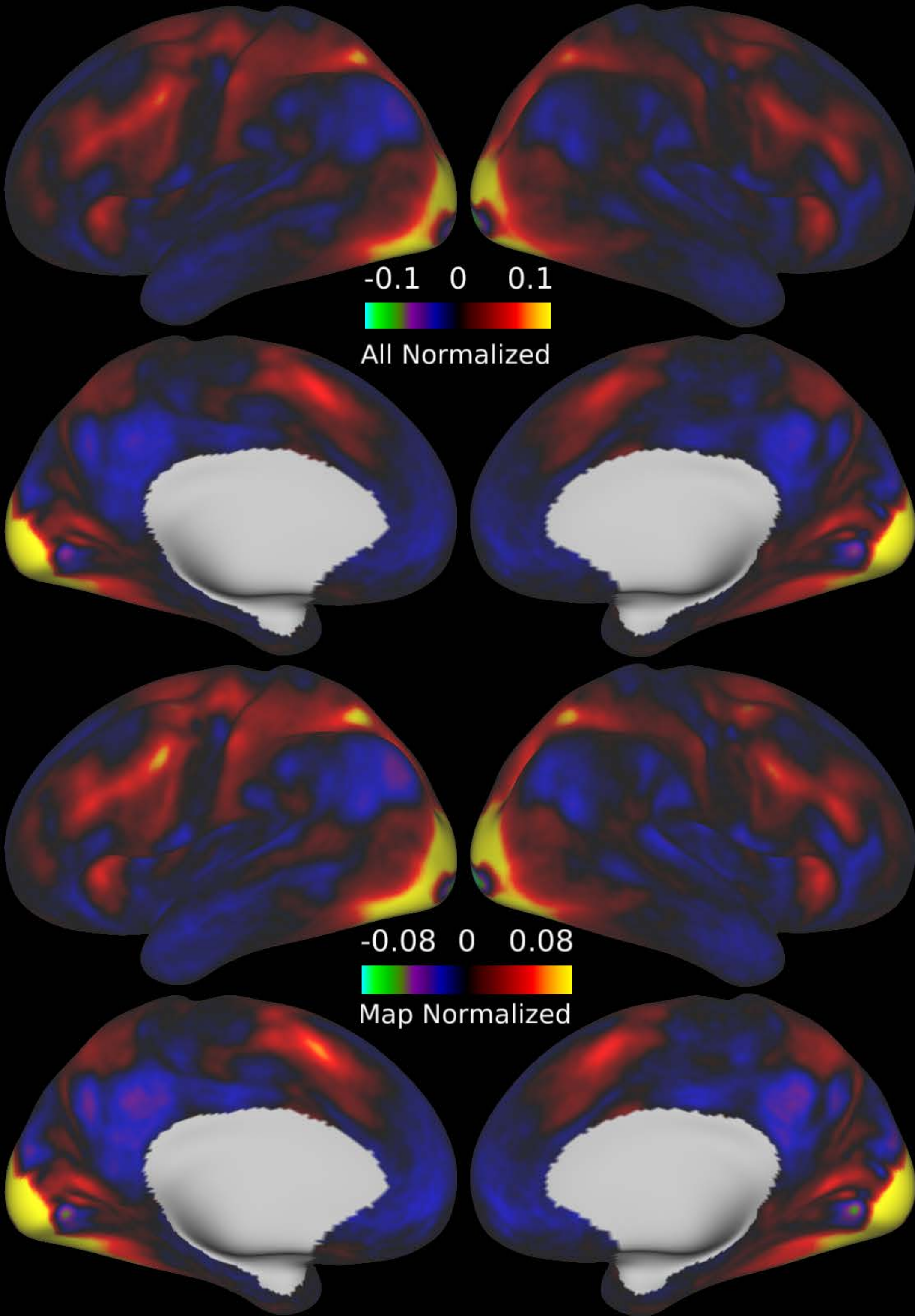
Hertz



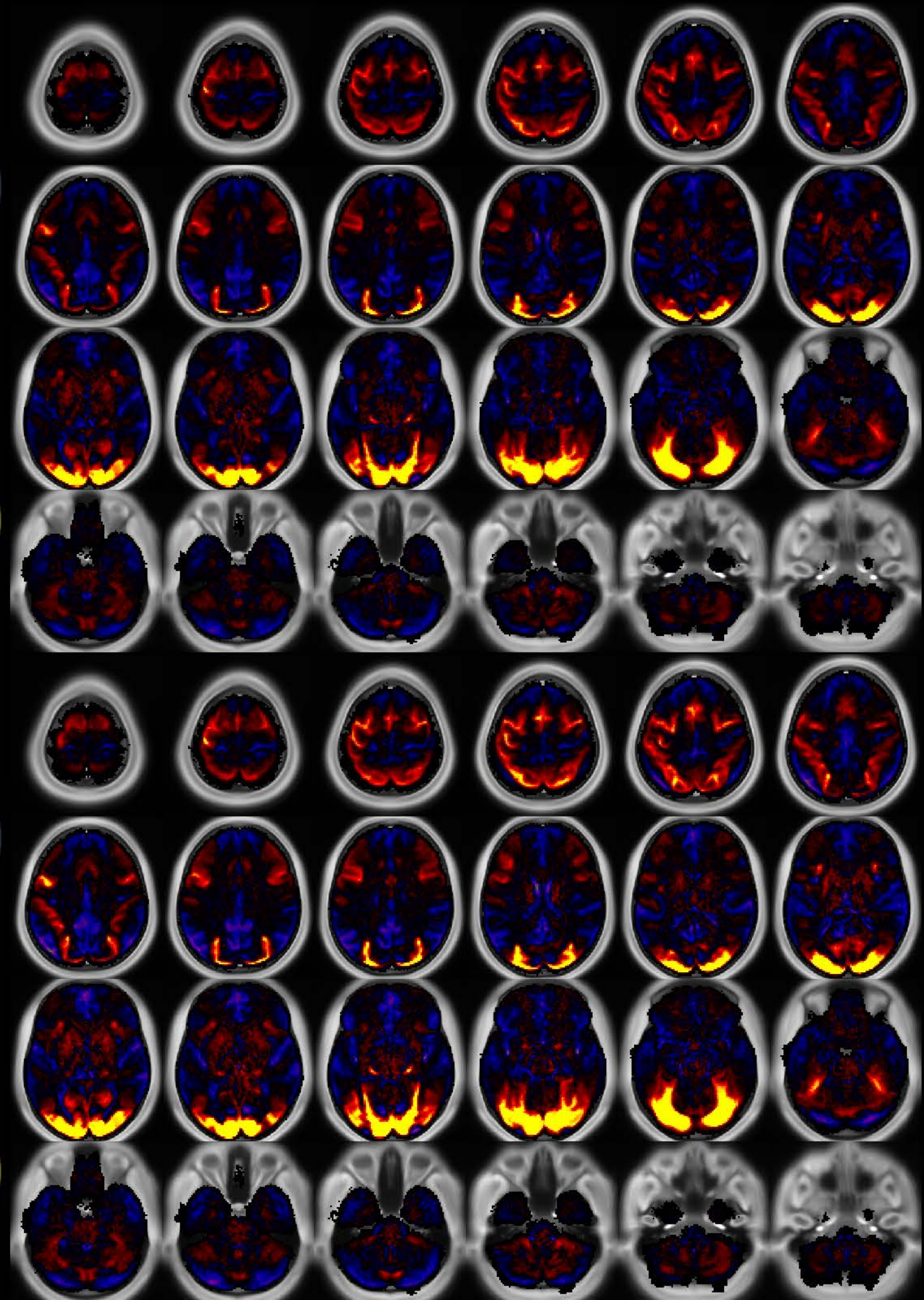
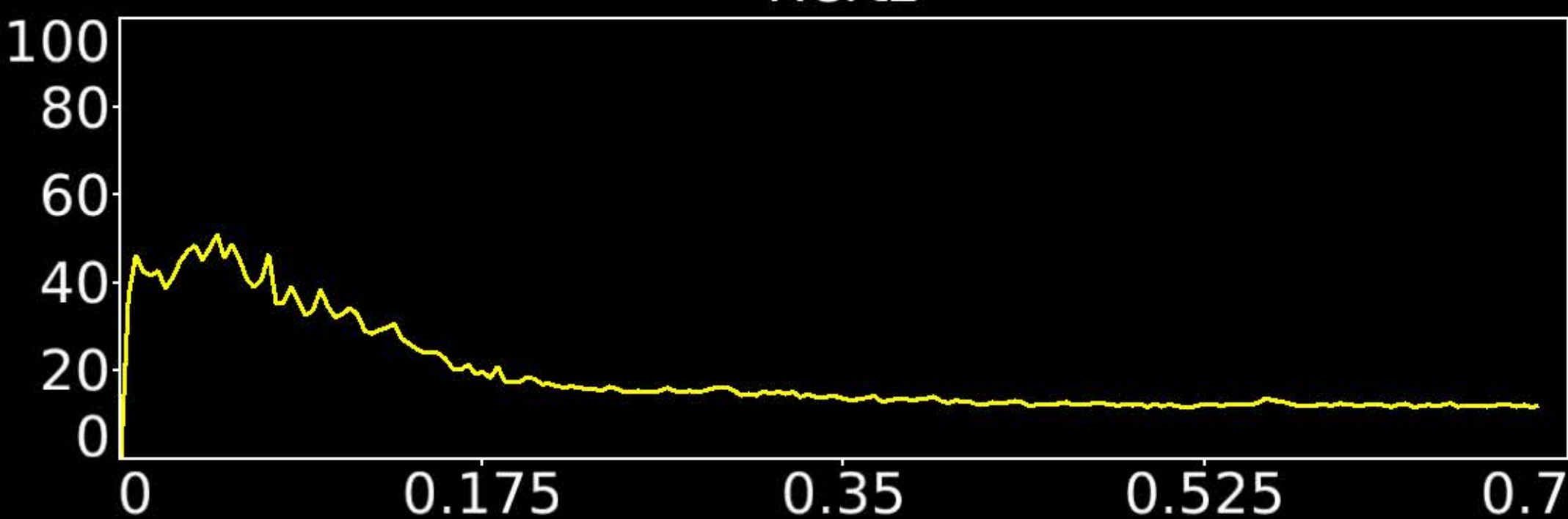
Seconds



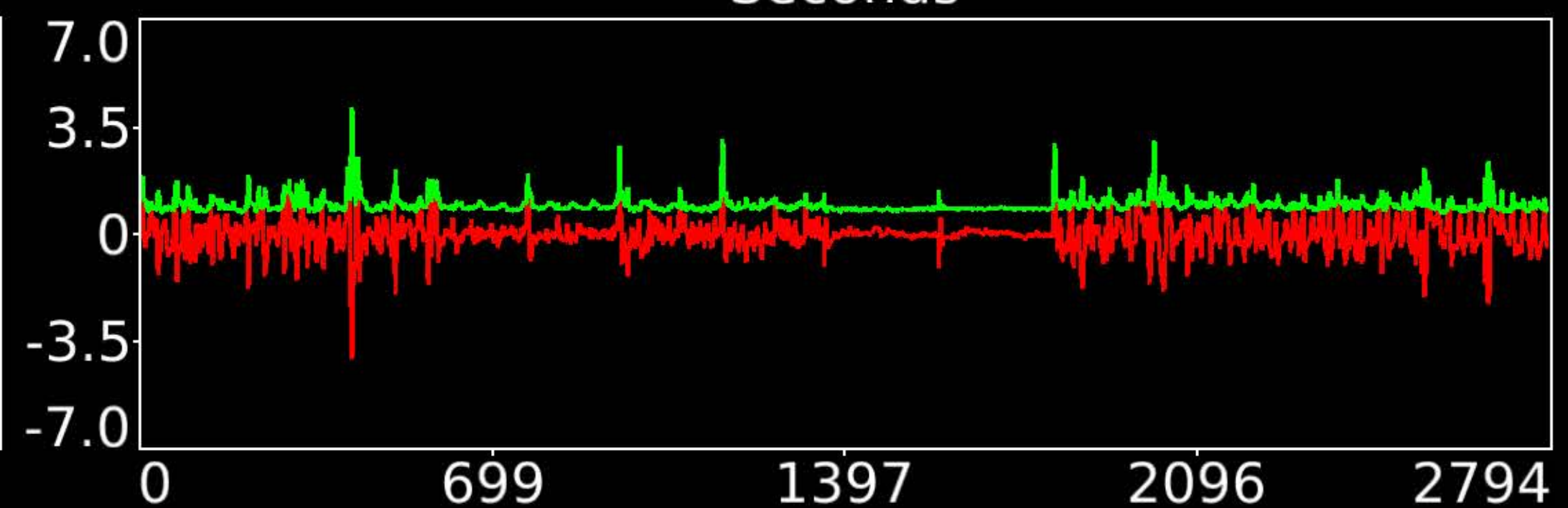
Number & Class: 19 Signal		Name: Subsidiary Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.93	Globality Index: 0.52	
Task Component: No	Rest Component: 15	Task Modulated: No	
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network)			



Hertz

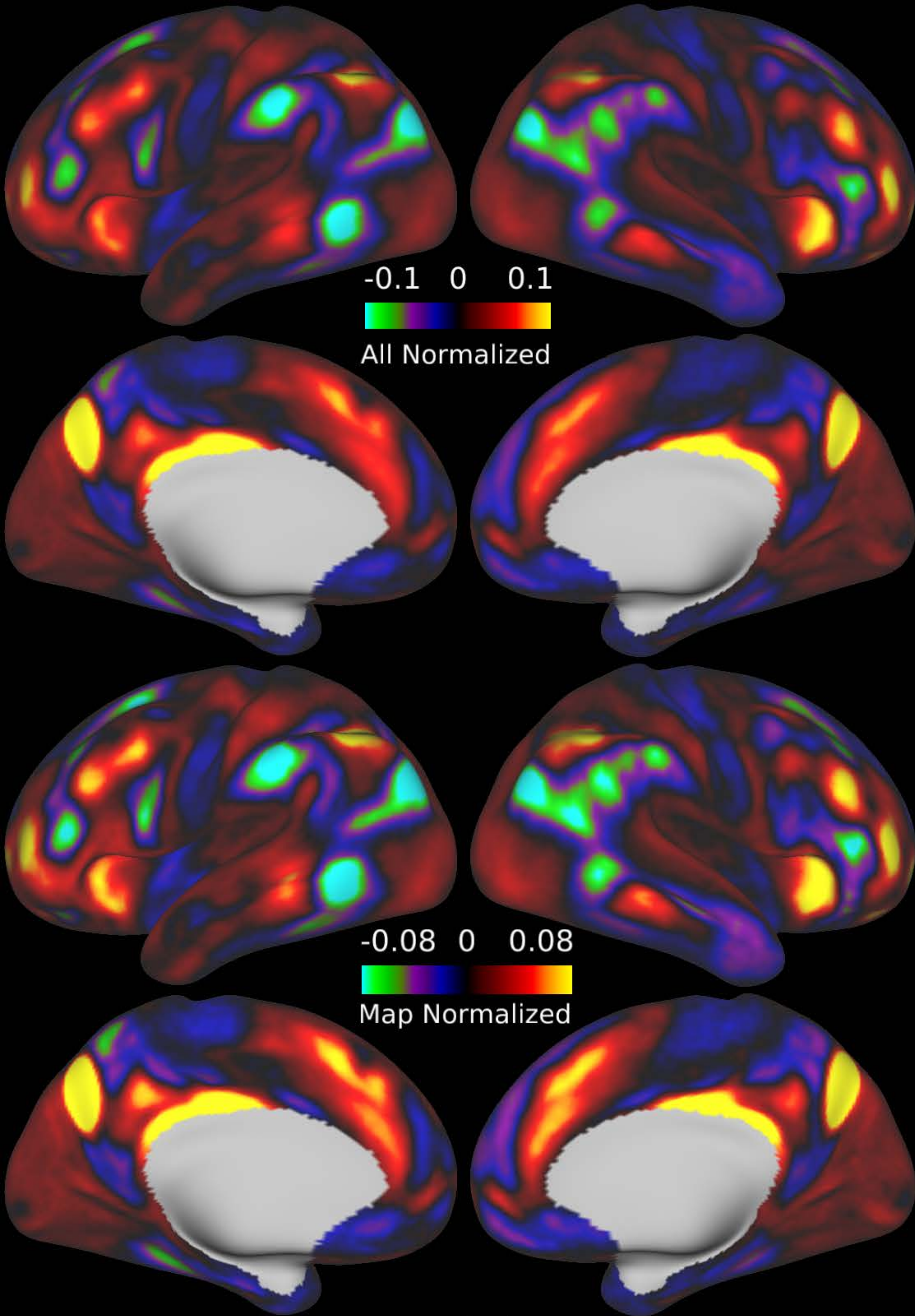


Seconds

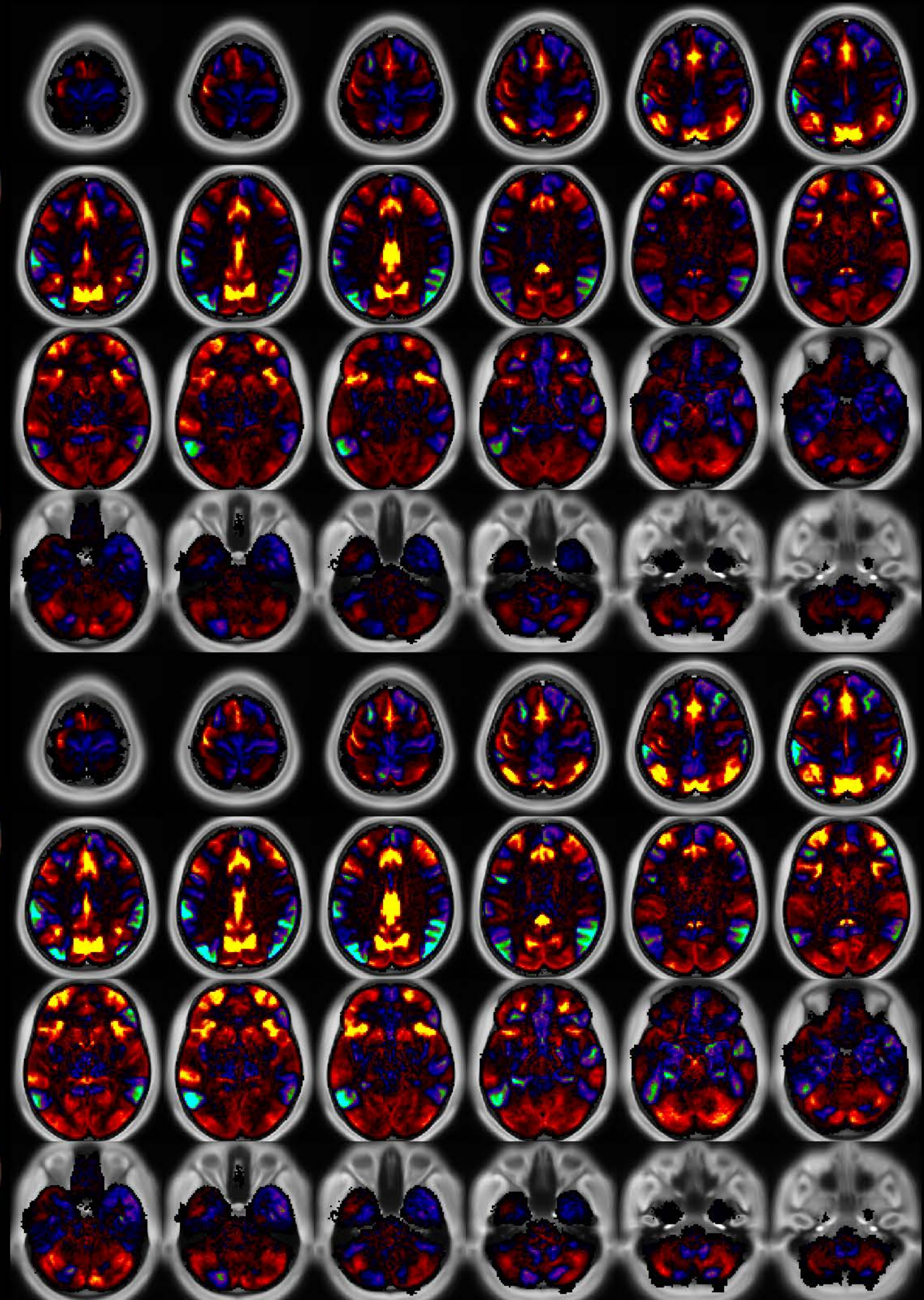


Number & Class: 20 Signal		Name: Pan-Visual (Parafoveal) Plus R Hand Motor	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.84	Globality Index: 0.32	
Task Component: 7+18	Rest Component: No	Task Modulated: No	

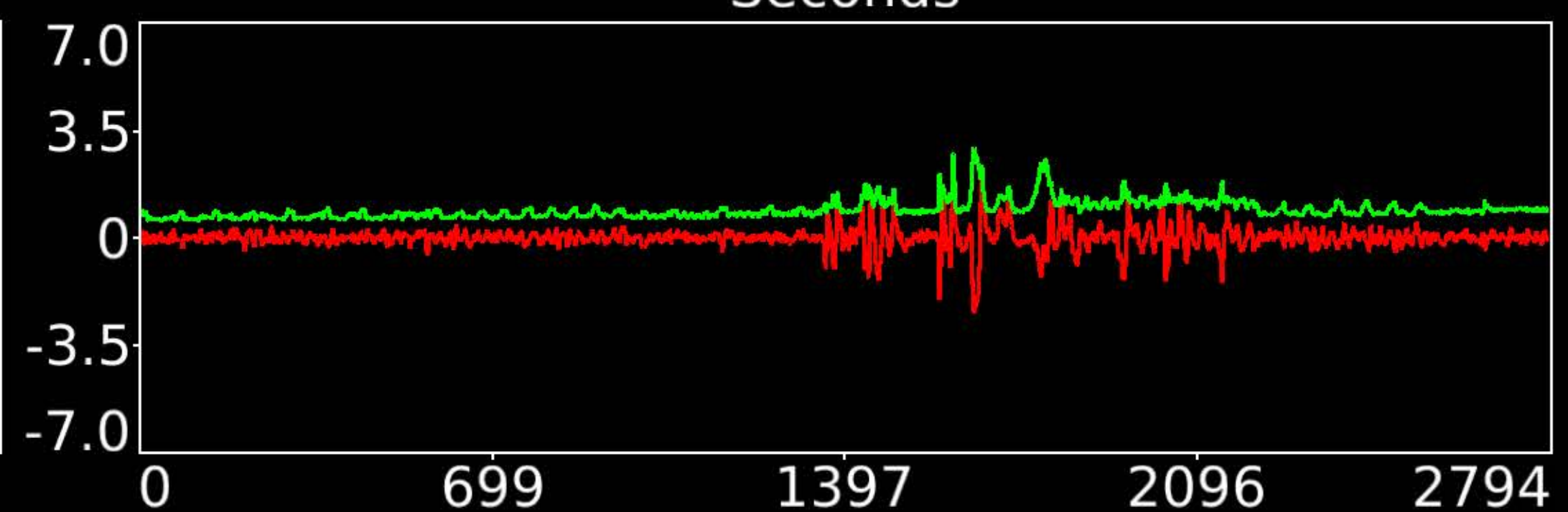
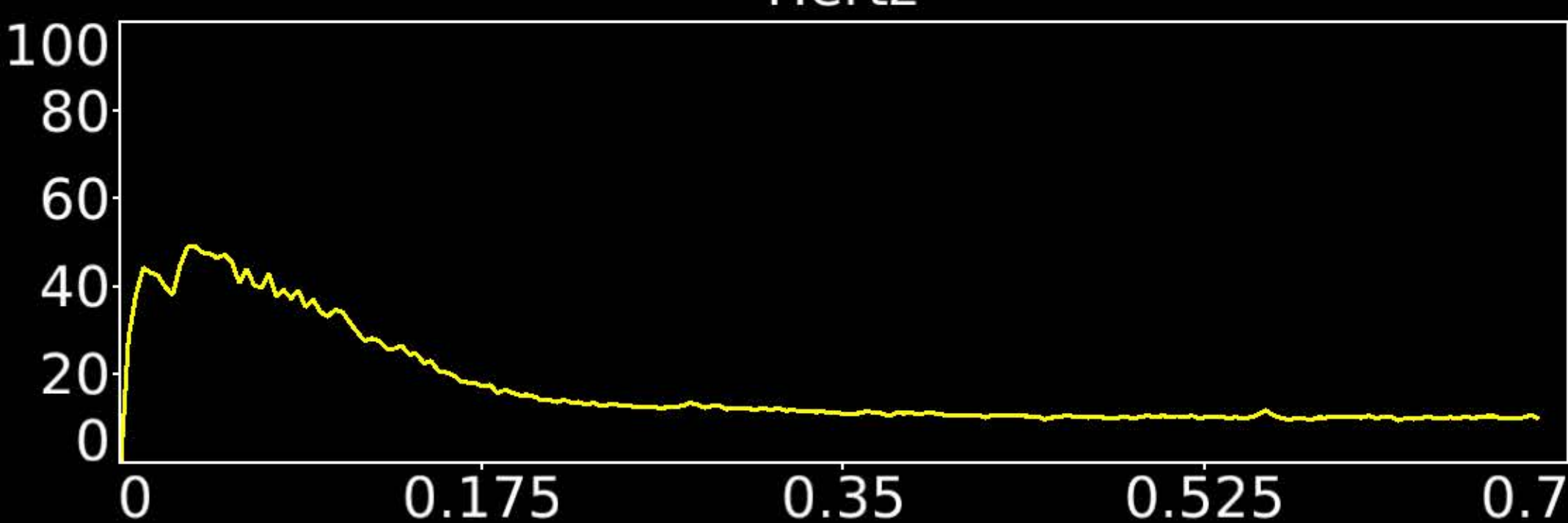
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Paracentral vs Foveal and Peripheral)



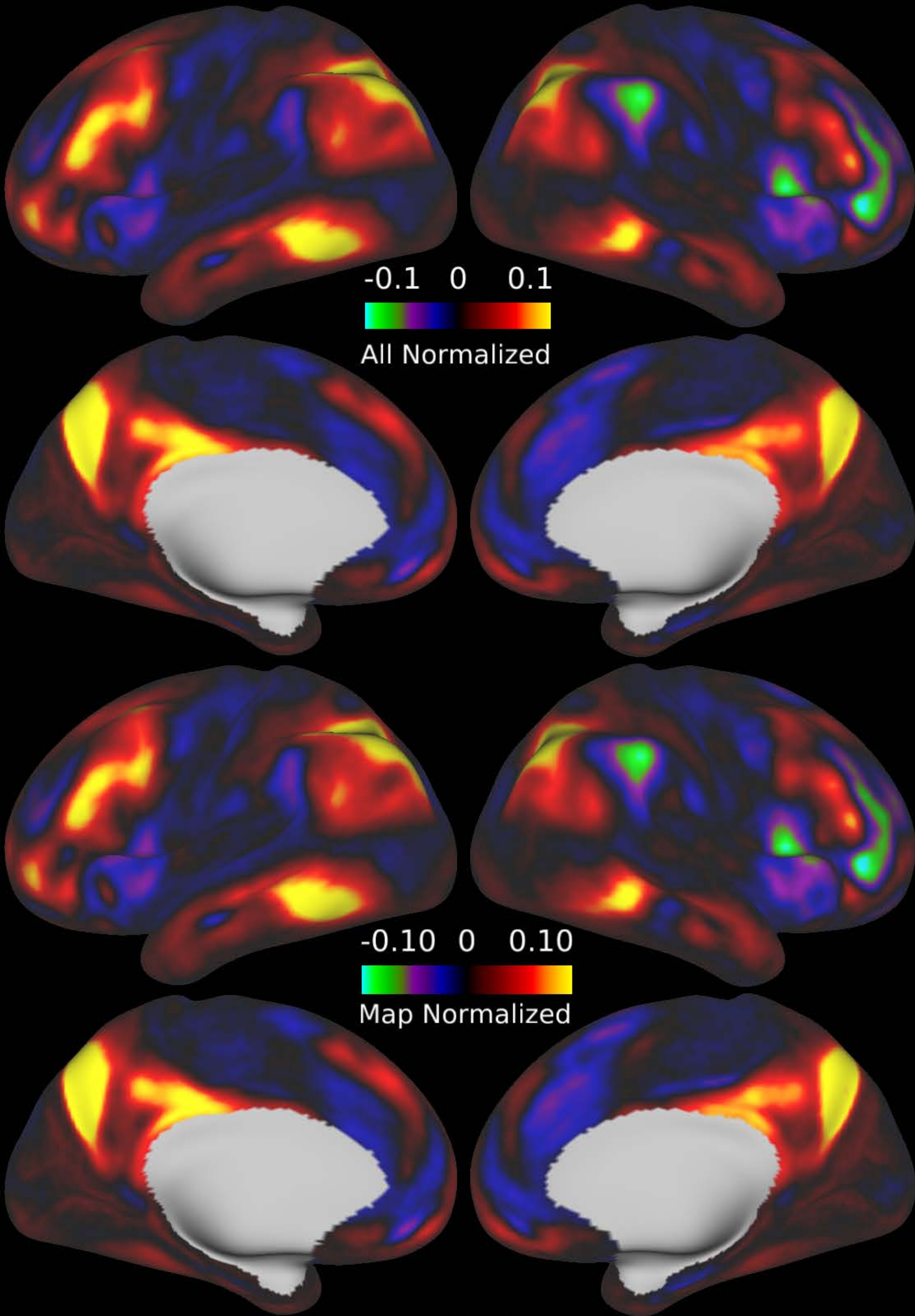
Hertz



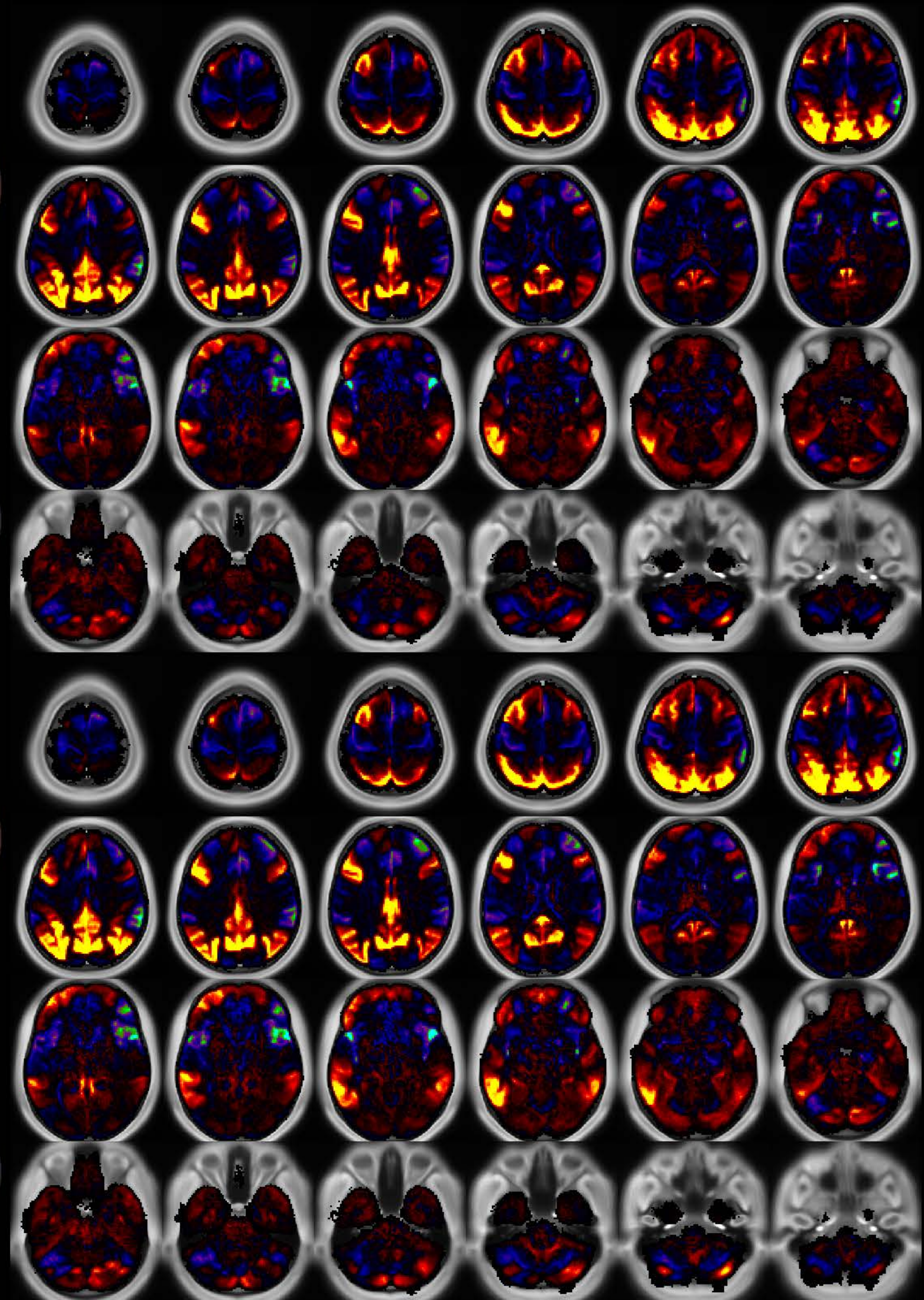
Seconds



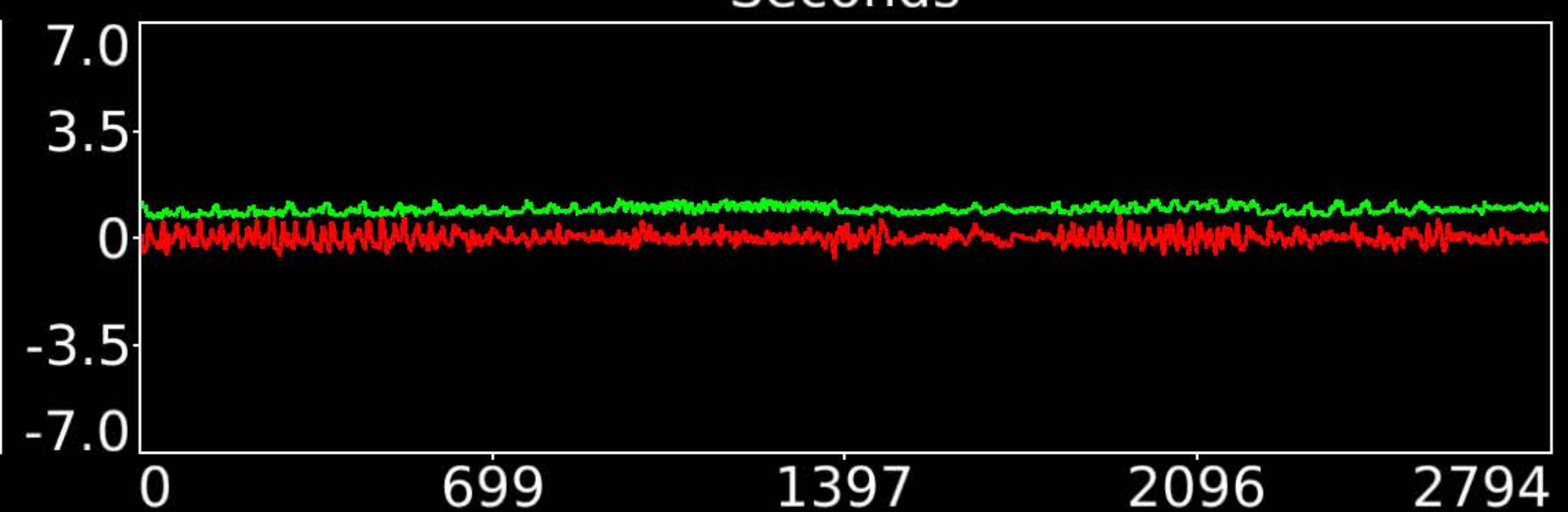
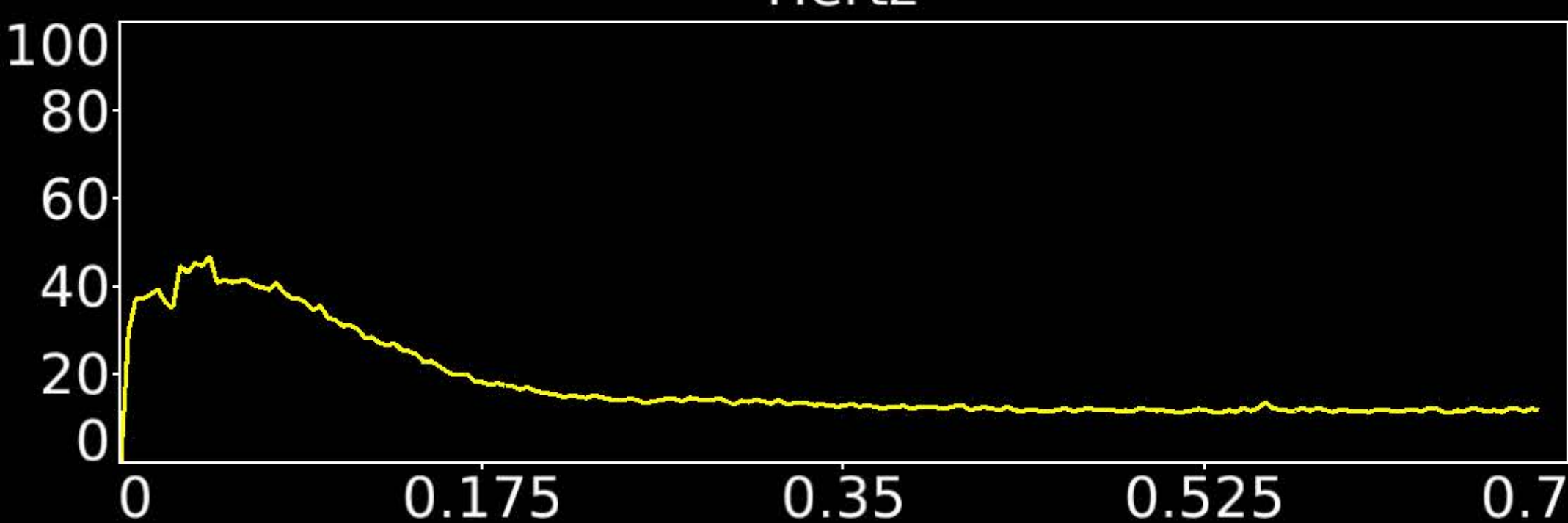
Number & Class: 21 Signal		Name: POS2 + RSC vs Unknown	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.74	Globality Index: 0.7	
Task Component: 13	Rest Component: 37	Task Modulated: Language + Social	
Rationale: Spatial map includes positive and negative patches that respect known areal boundaries (e.g. POS2 and RSC)			



Hertz

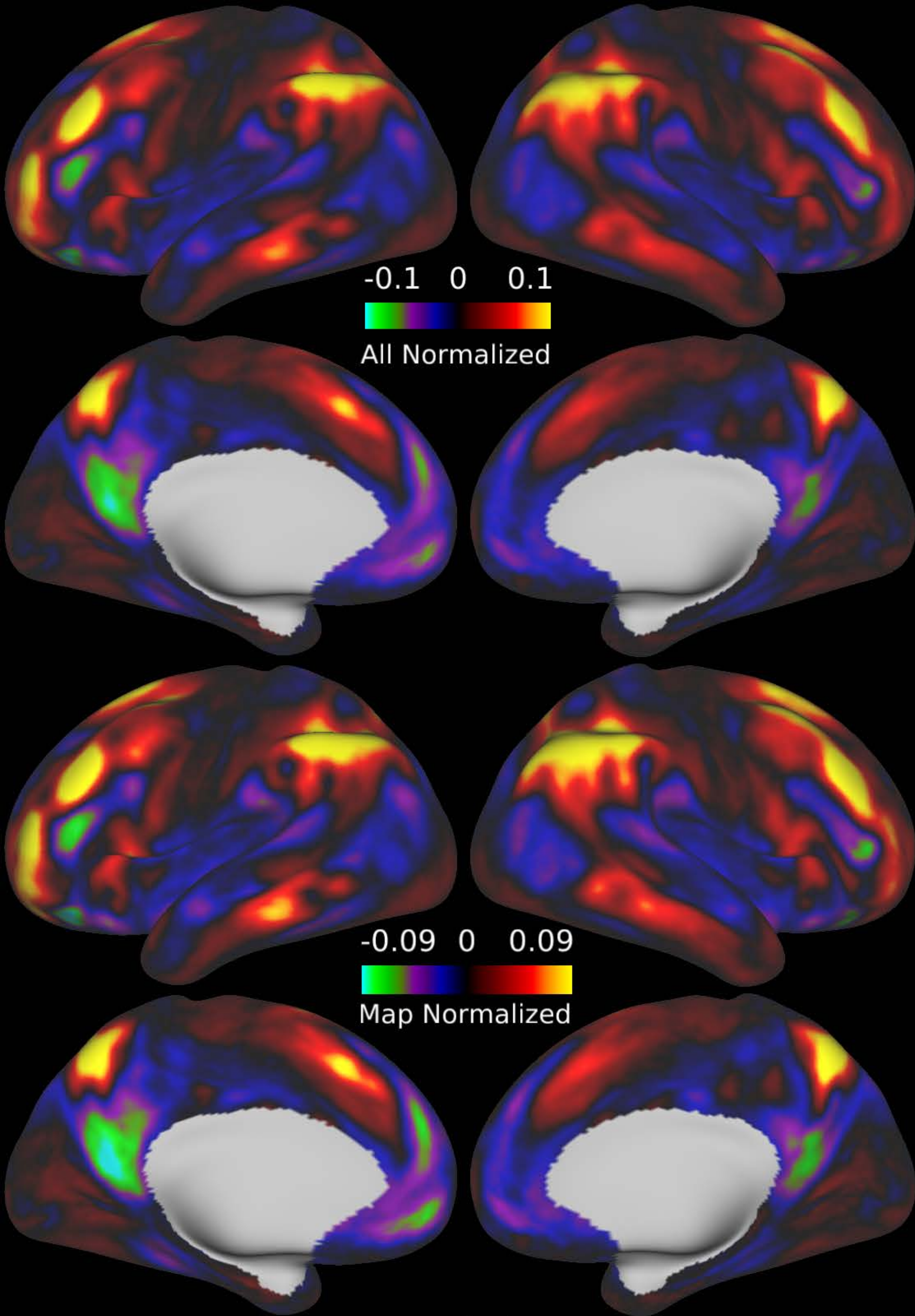


Seconds

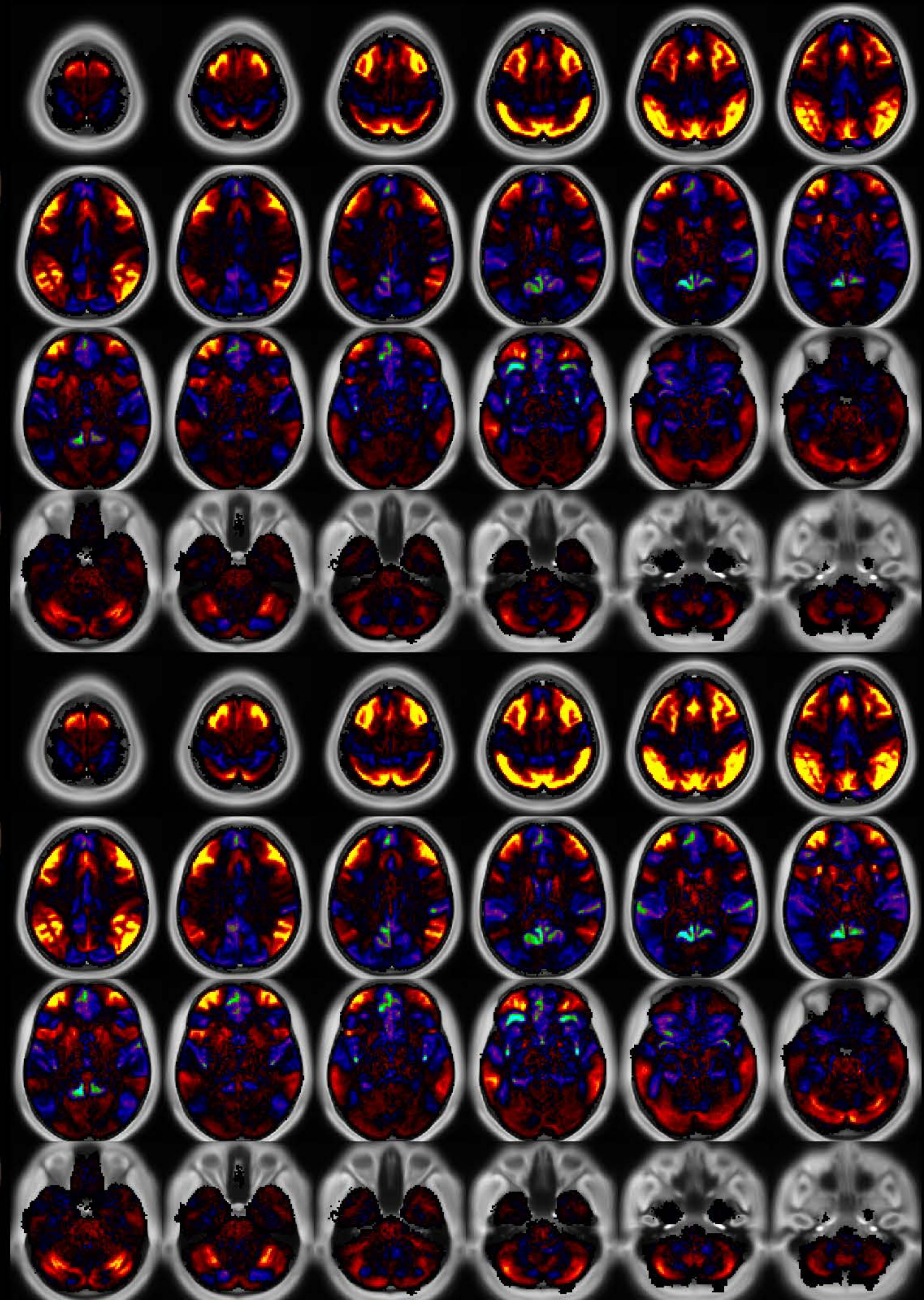


Number & Class: 22 Signal		Name: POS + RSC + IPS	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.64	Globality Index: 0.42	
Task Component: No	Rest Component: No	Task Modulated: No	

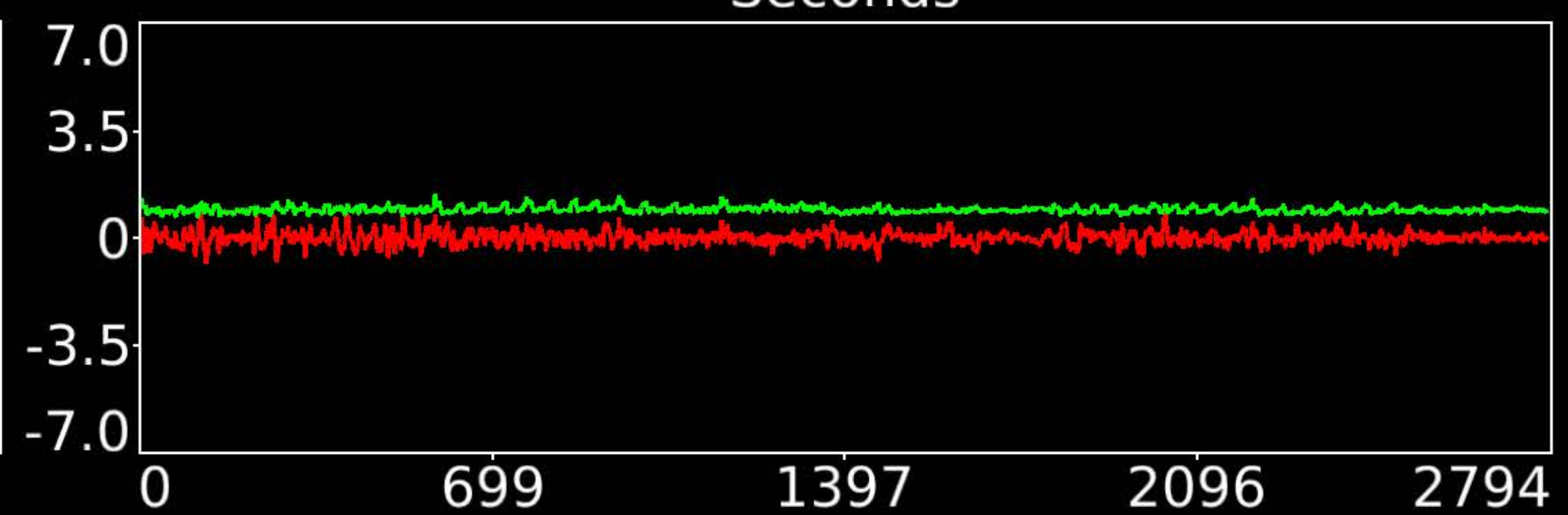
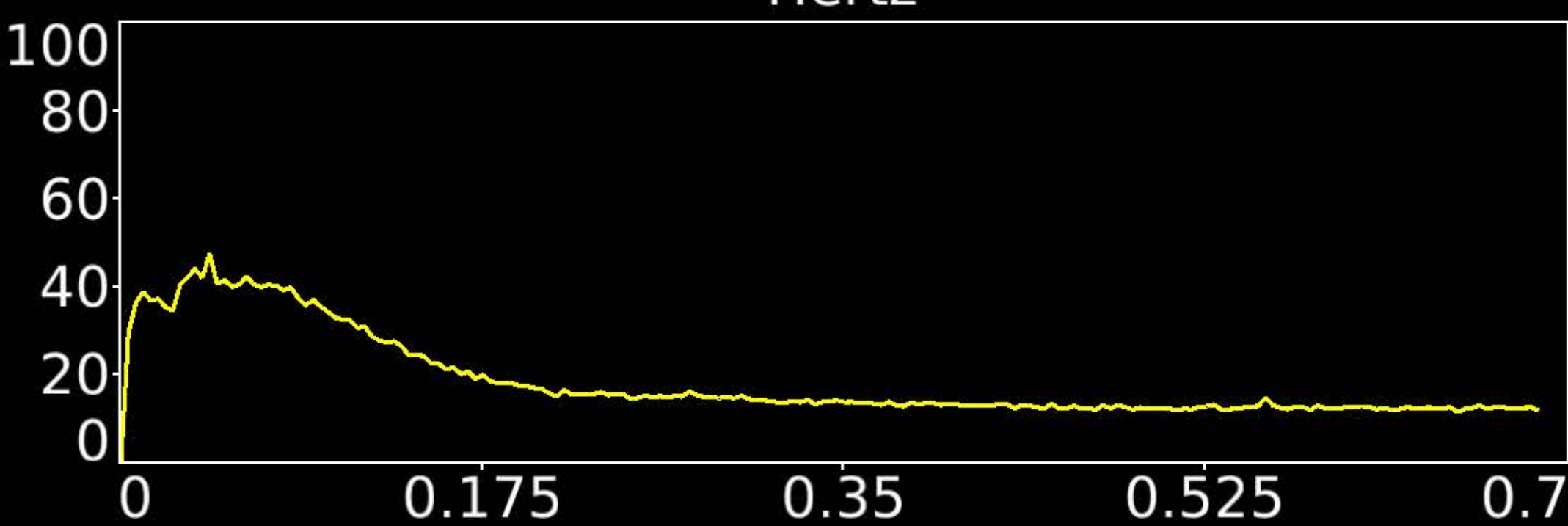
Rationale: Spatial map includes positive and negative patches that respect known areal boundaries (e.g. POS2 and RSC)



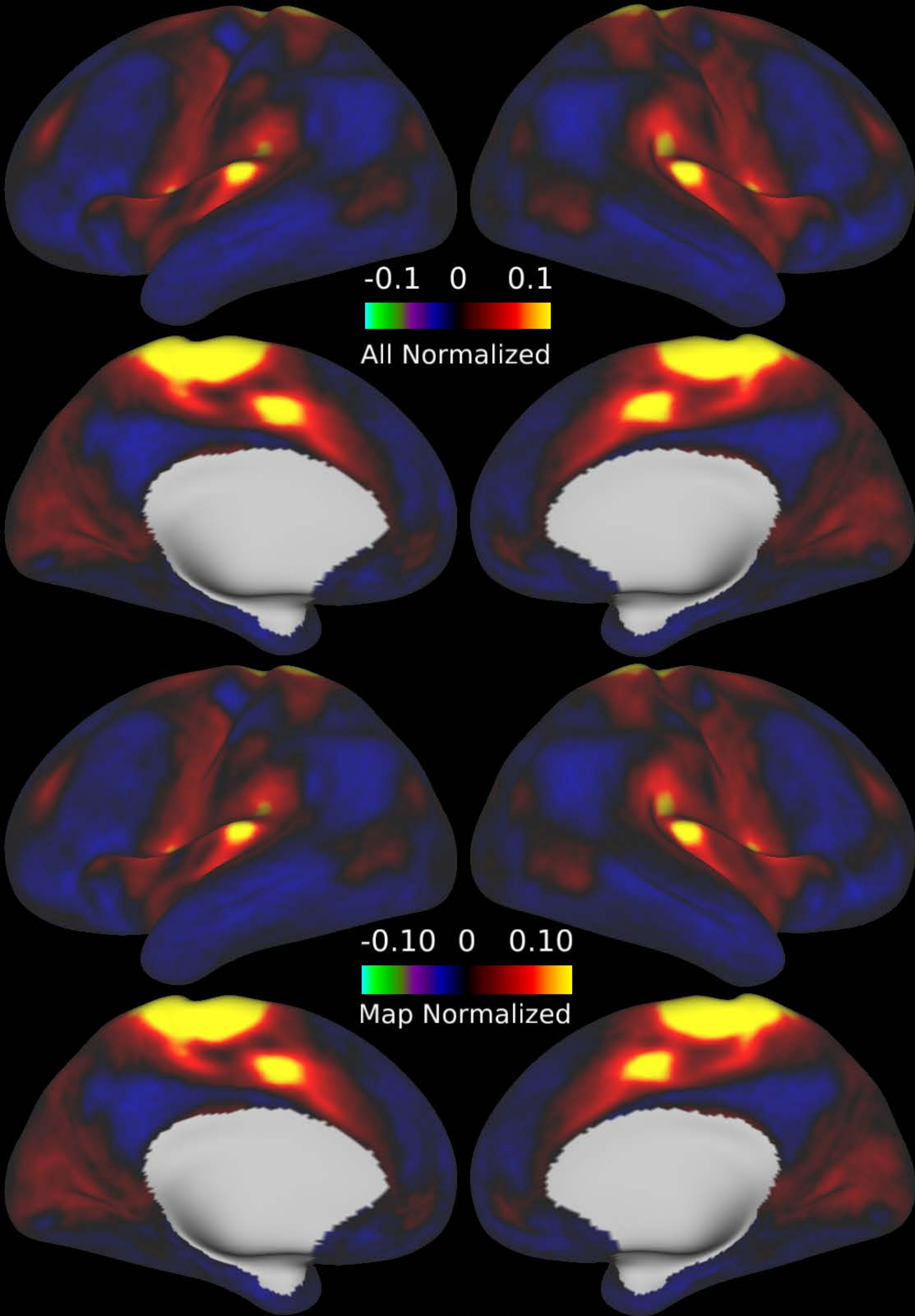
Hertz



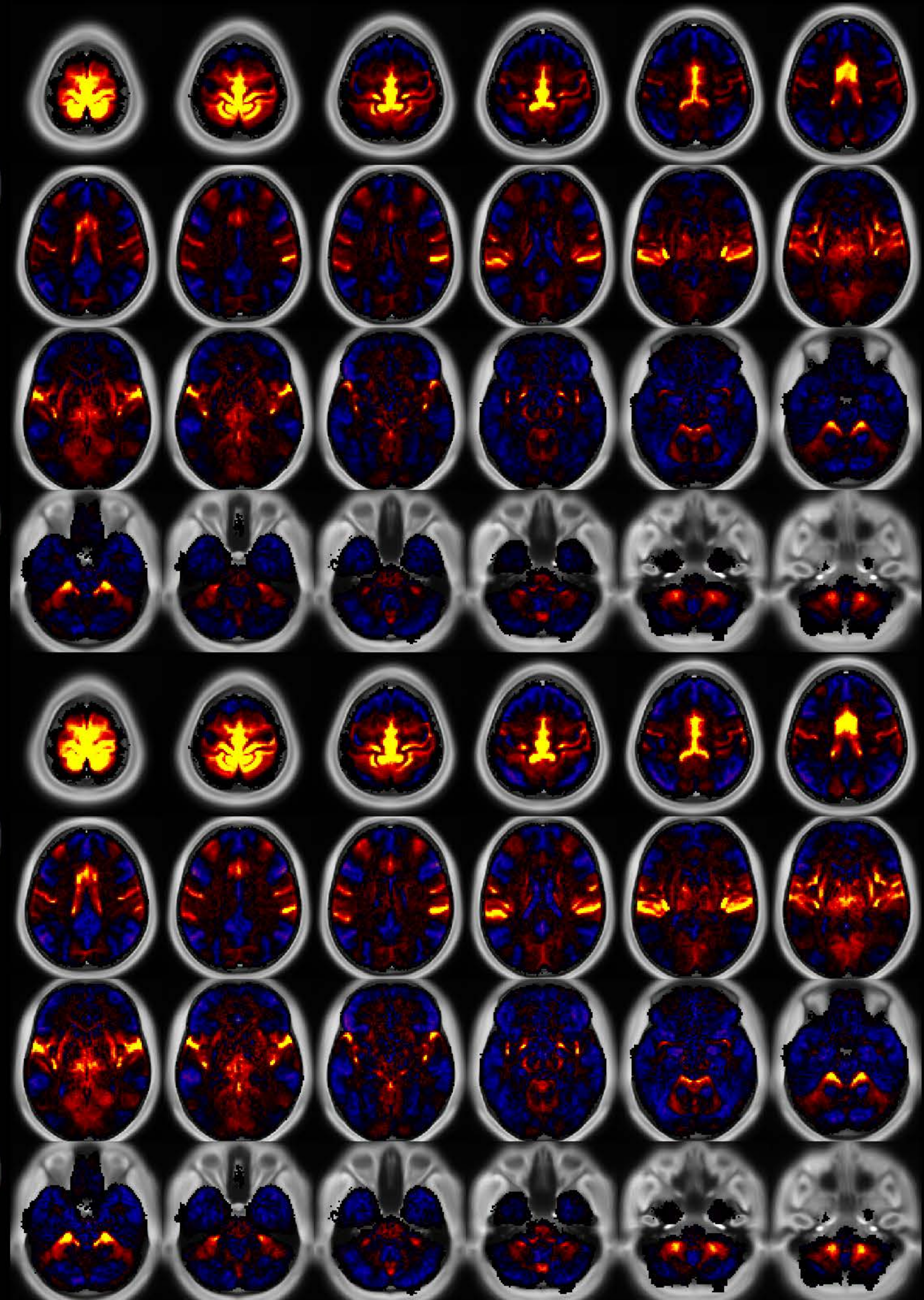
Seconds



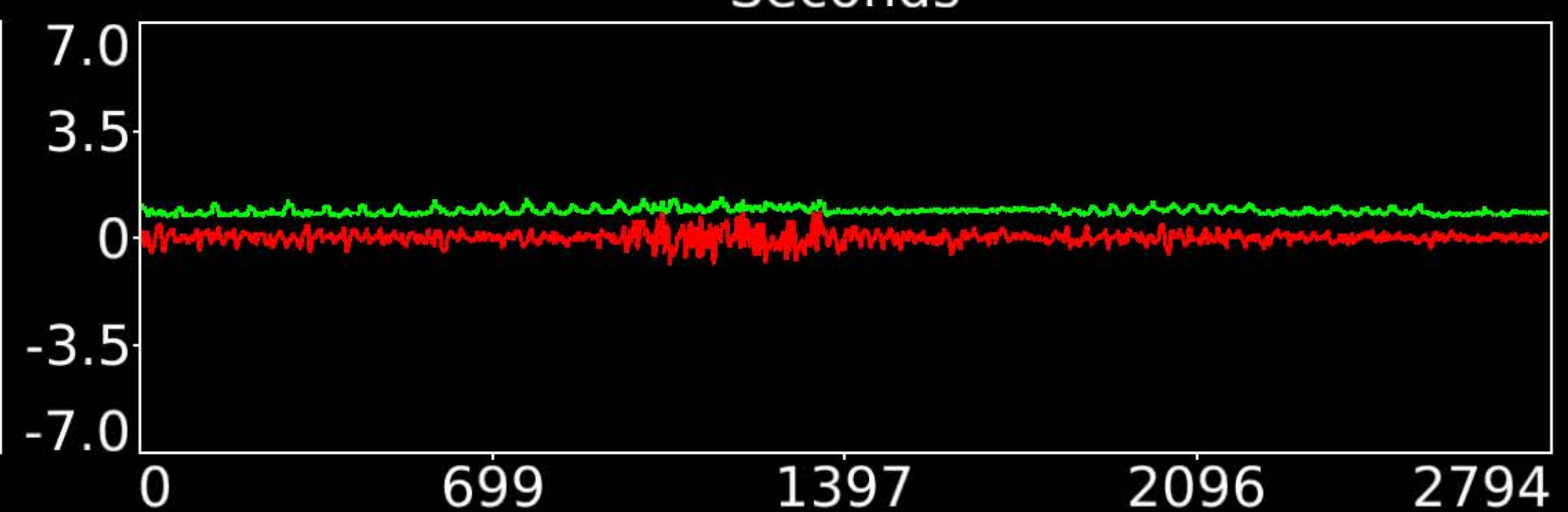
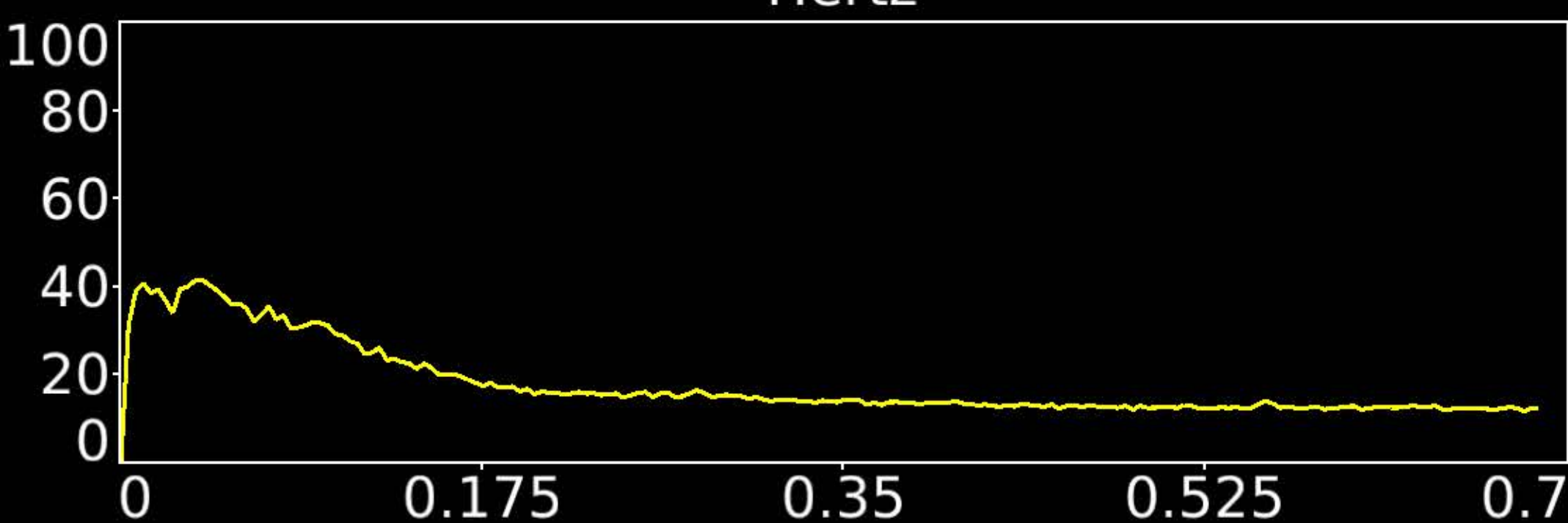
Number & Class: 23 Signal		Name: Unknown Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.62	Globality Index: 0.49	
Task Component: No	Rest Component: 12	Task Modulated: No	
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Fronto-Parietal Network)			



Hertz

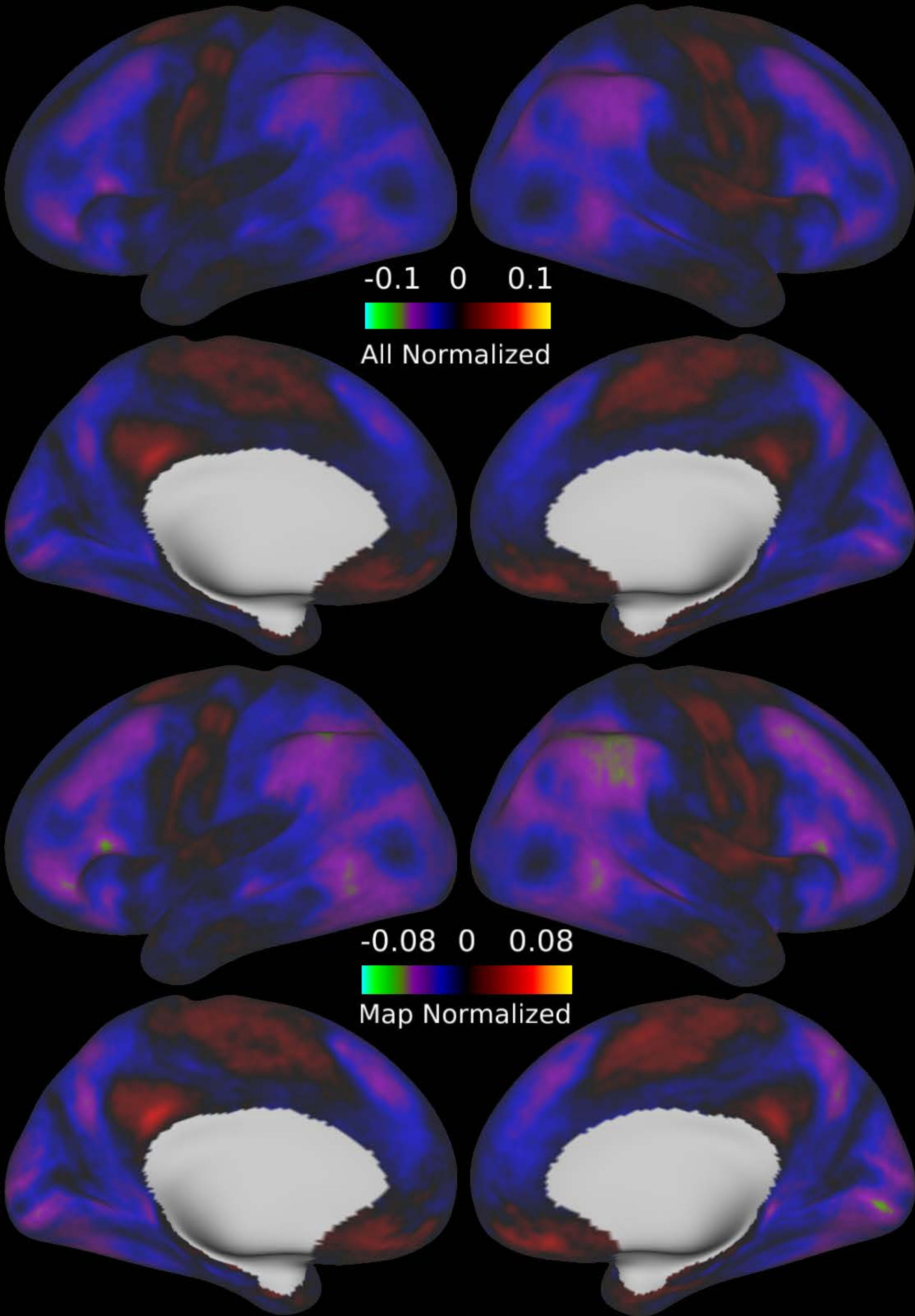


Seconds

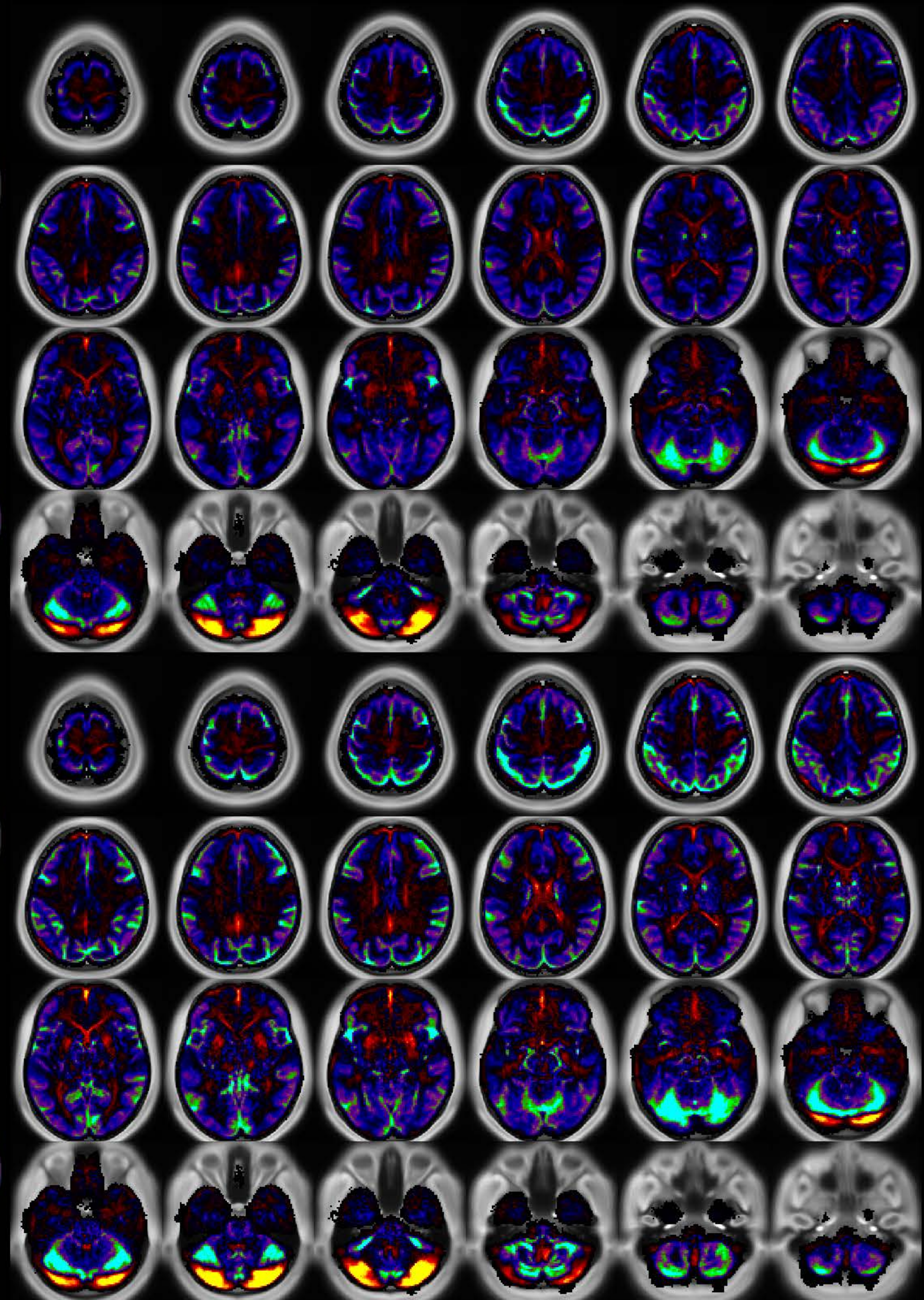


Number & Class: 24 Signal		Name: Feet Motor Network	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 1.61	Globality Index: 0.02	
Task Component: 19	Rest Component: 48	Task Modulated: No	

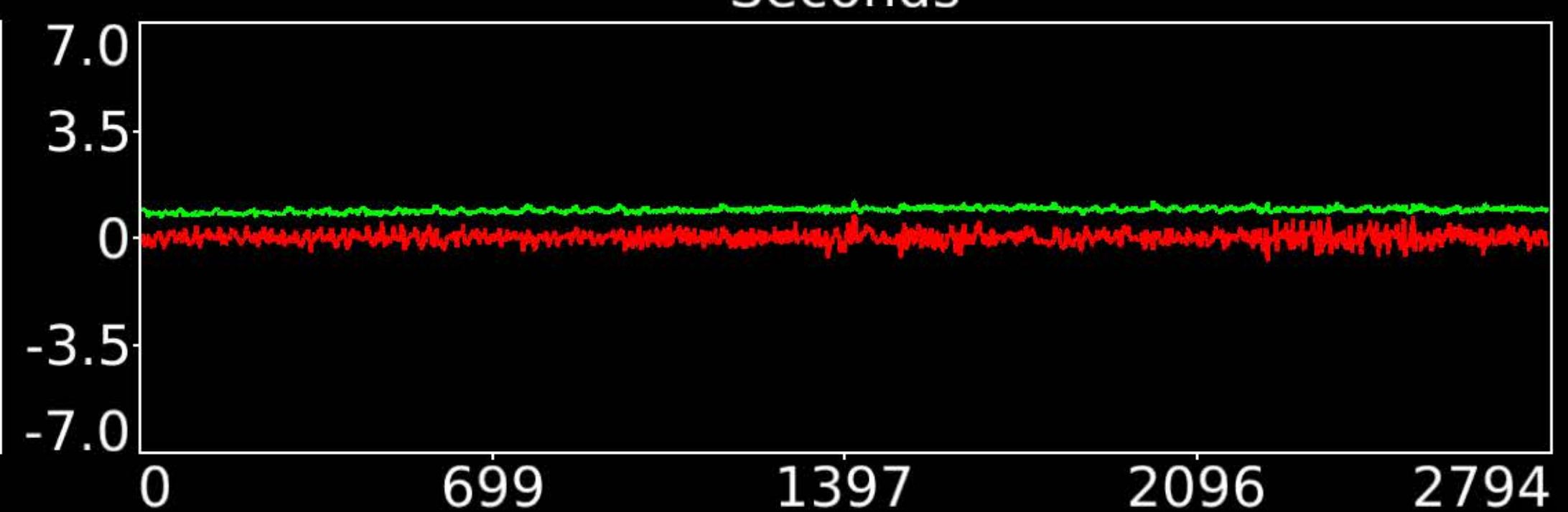
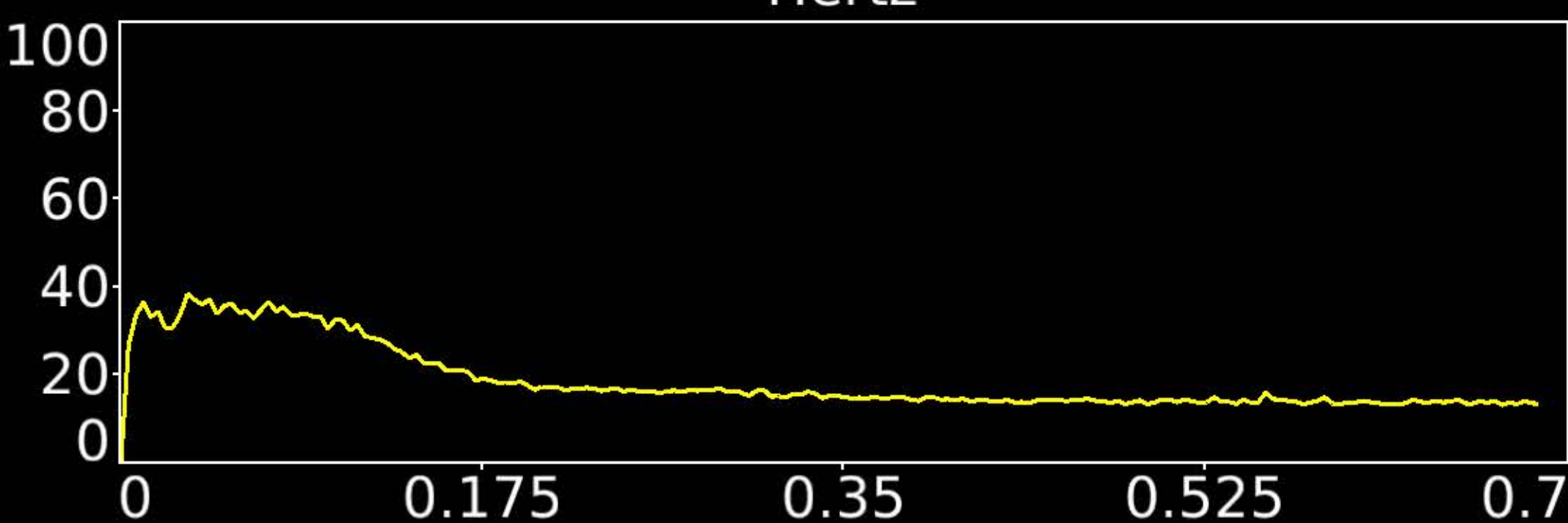
Rationale: Spatial map includes positive and negative patches that respect known somatotopic sensori-motor organization (Feet)



Hertz

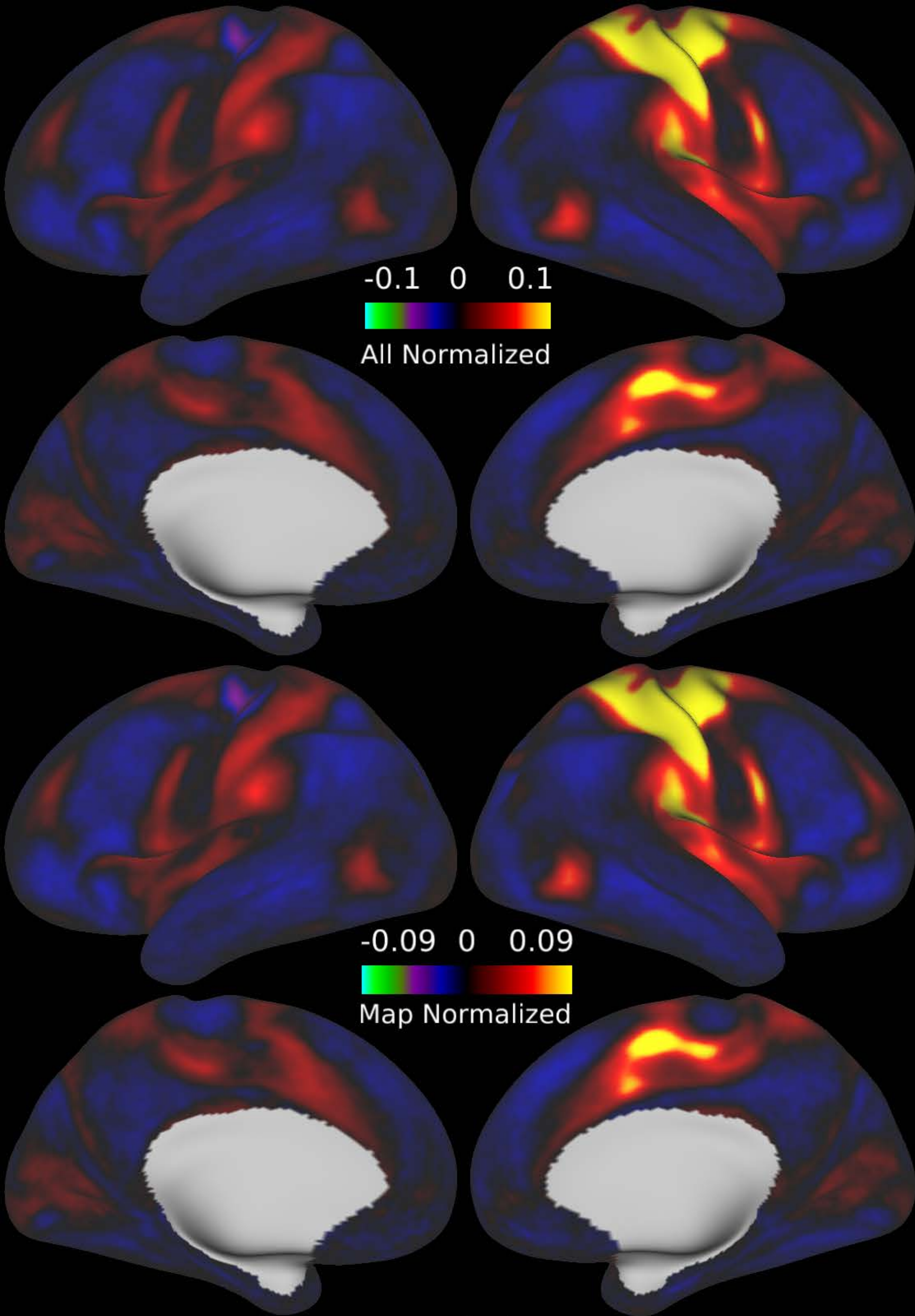


Seconds

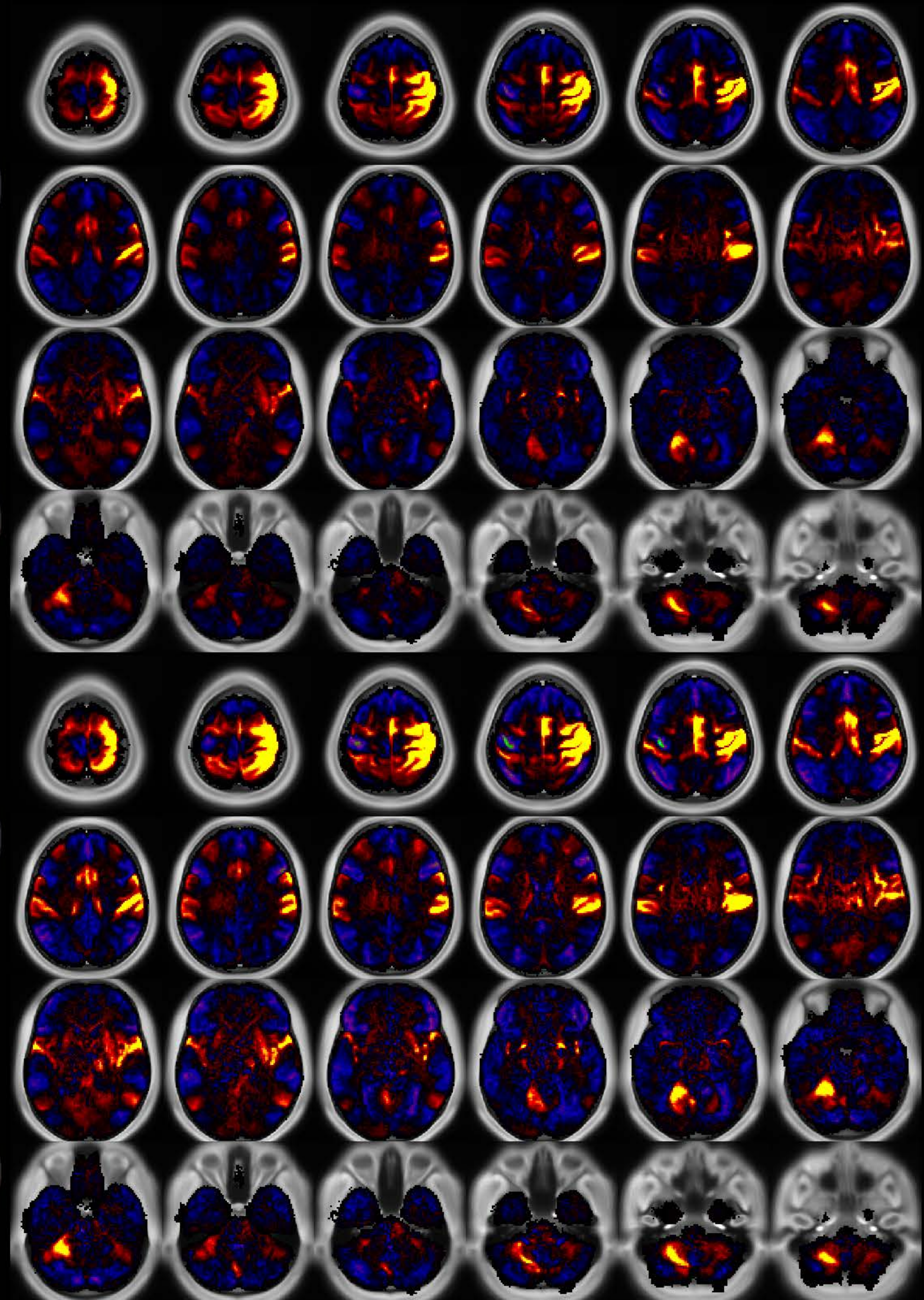


Number & Class: 25 Signal		Name: Cerebellar Unknown	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 1.57	Globality Index: 1.74	
Task Component: 35	Rest Component: No	Task Modulated: No	

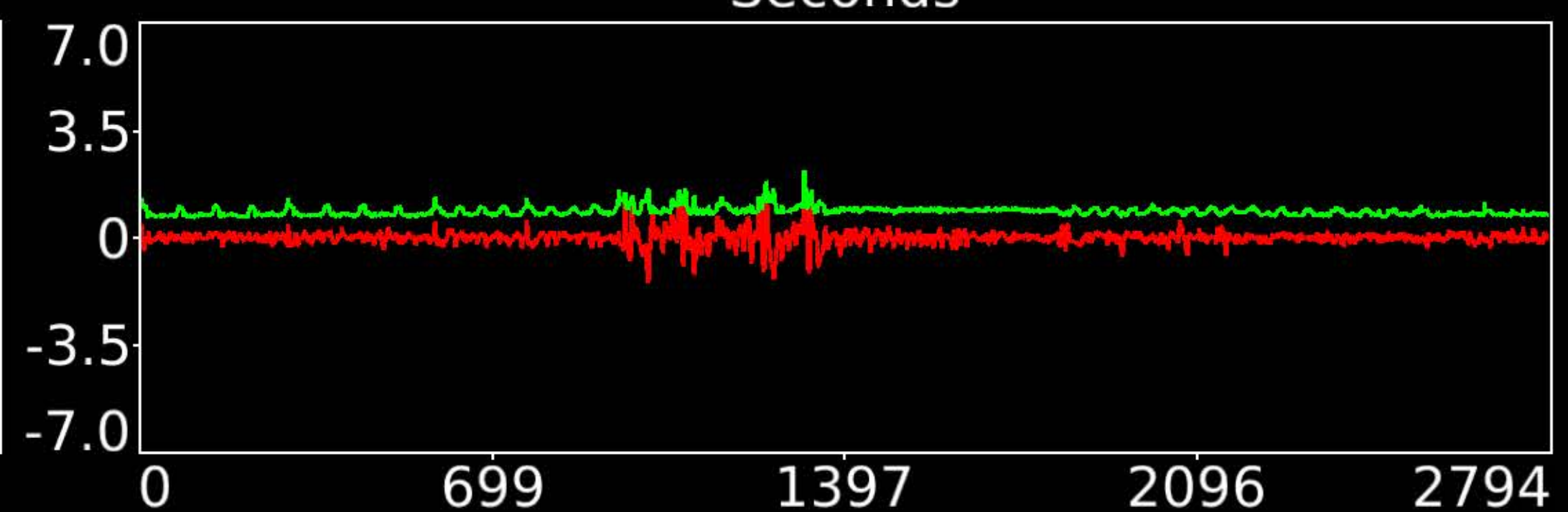
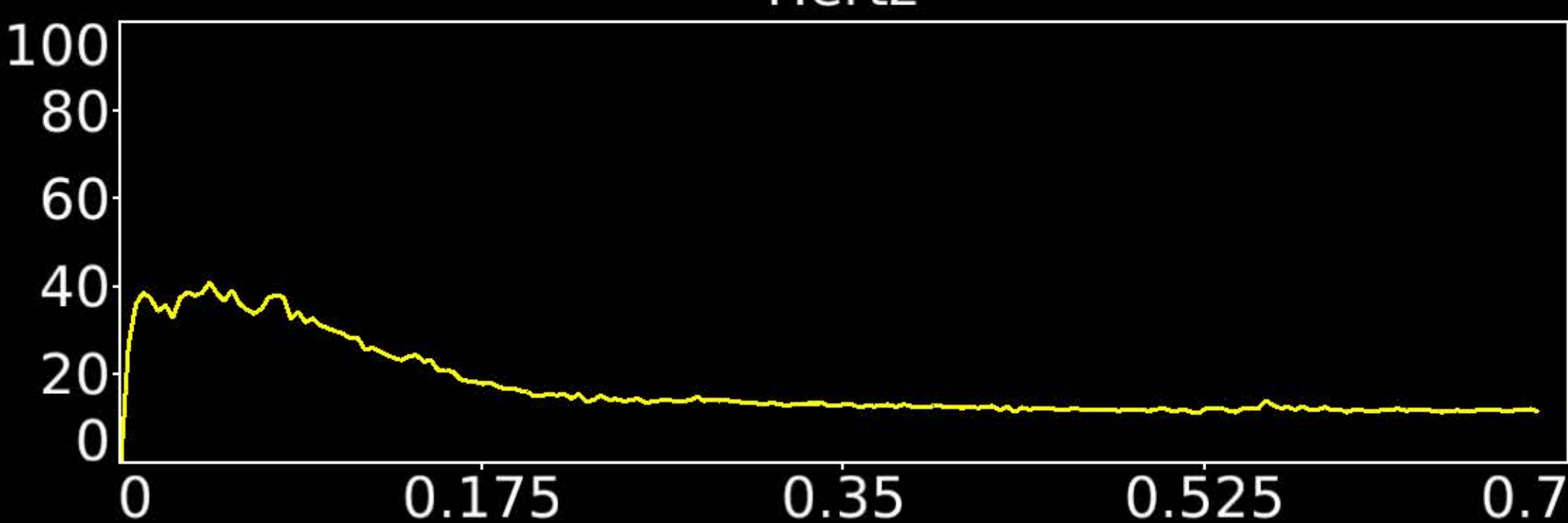
Rationale: Spatial map includes positive and negative patches that respect known RSN boundaries in the cerebellum



Hertz

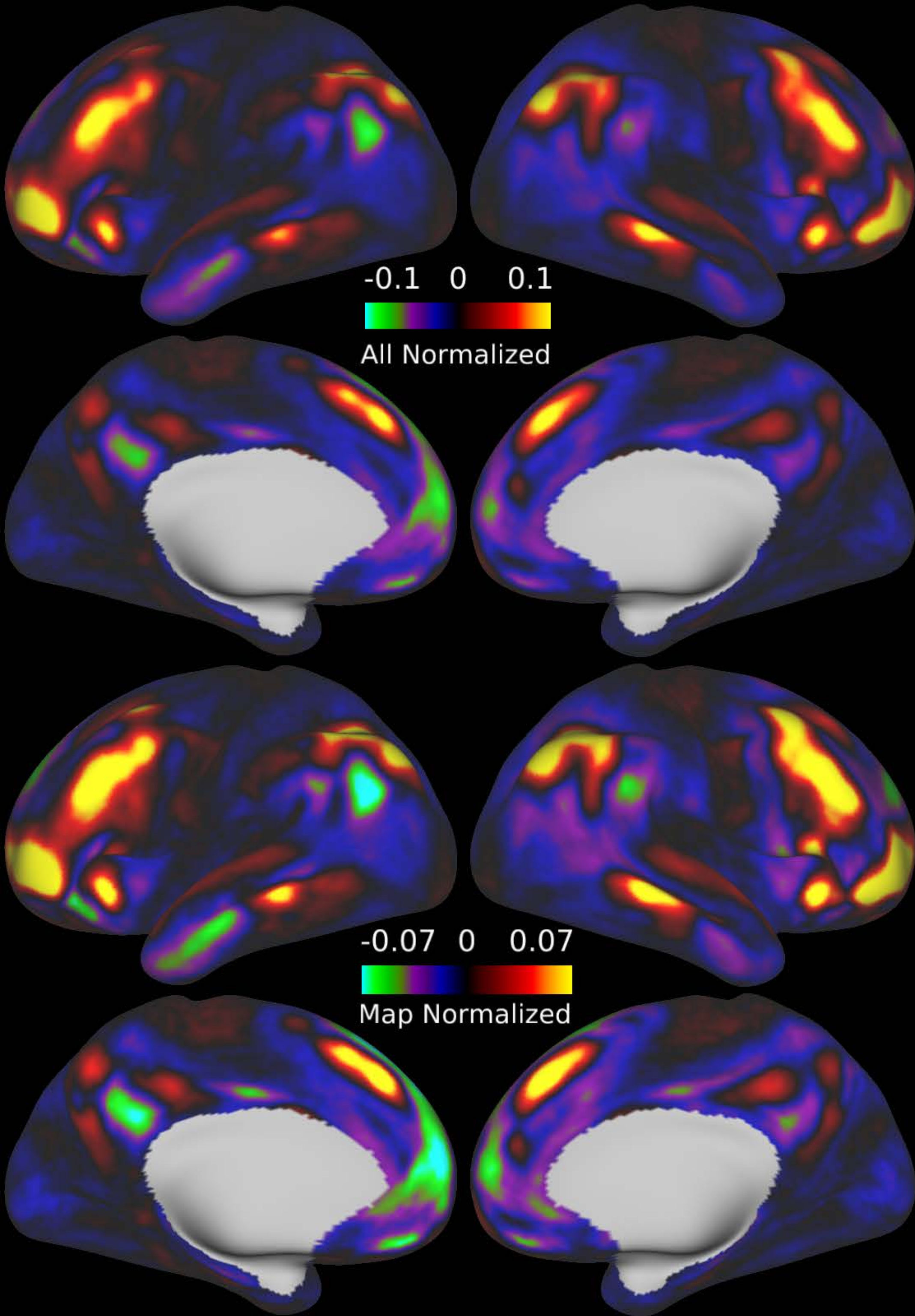


Seconds

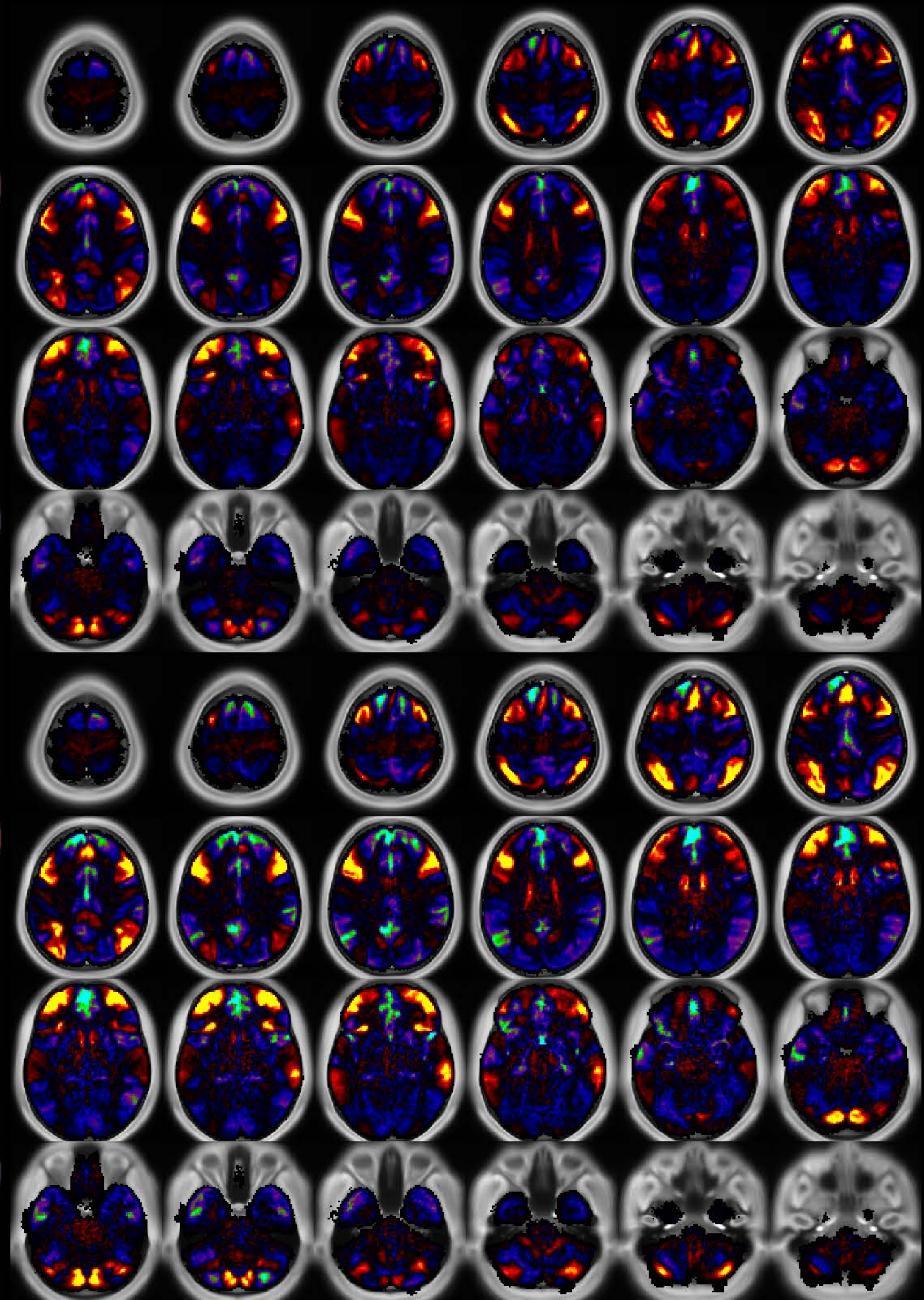


Number & Class: 26 Signal		Name: Left Hand Motor Network	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: Yes	% Variance Explained: 1.55	Globality Index: 0.26	
Task Component: 31	Rest Component: 40	Task Modulated: No	

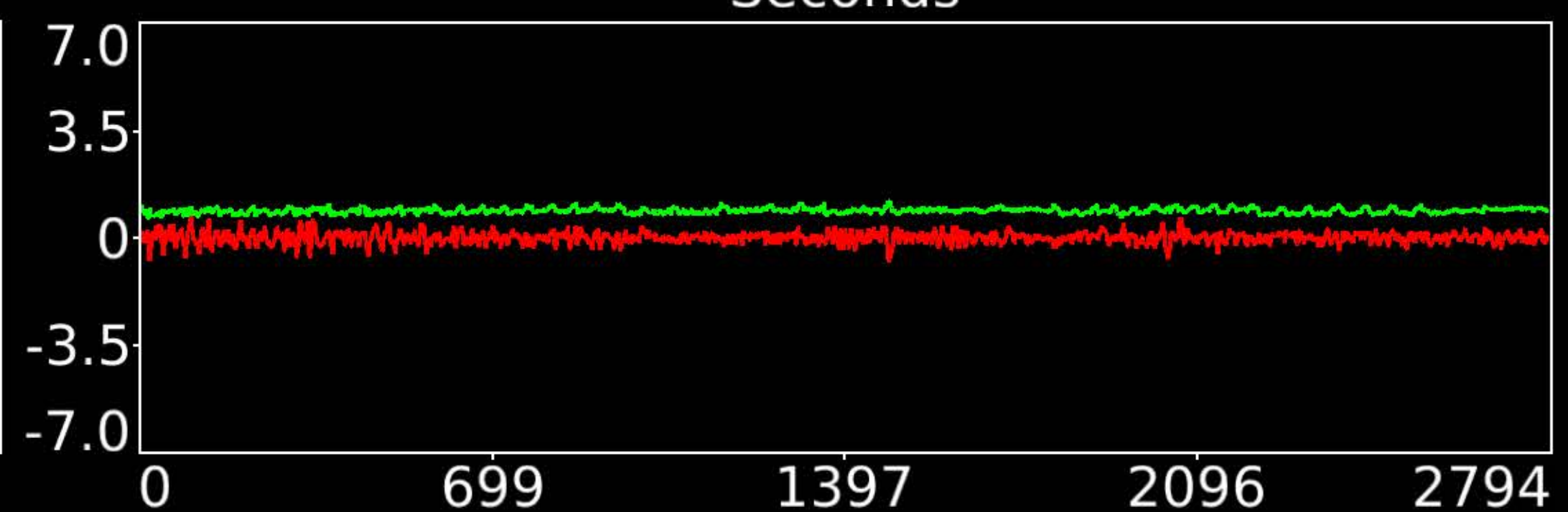
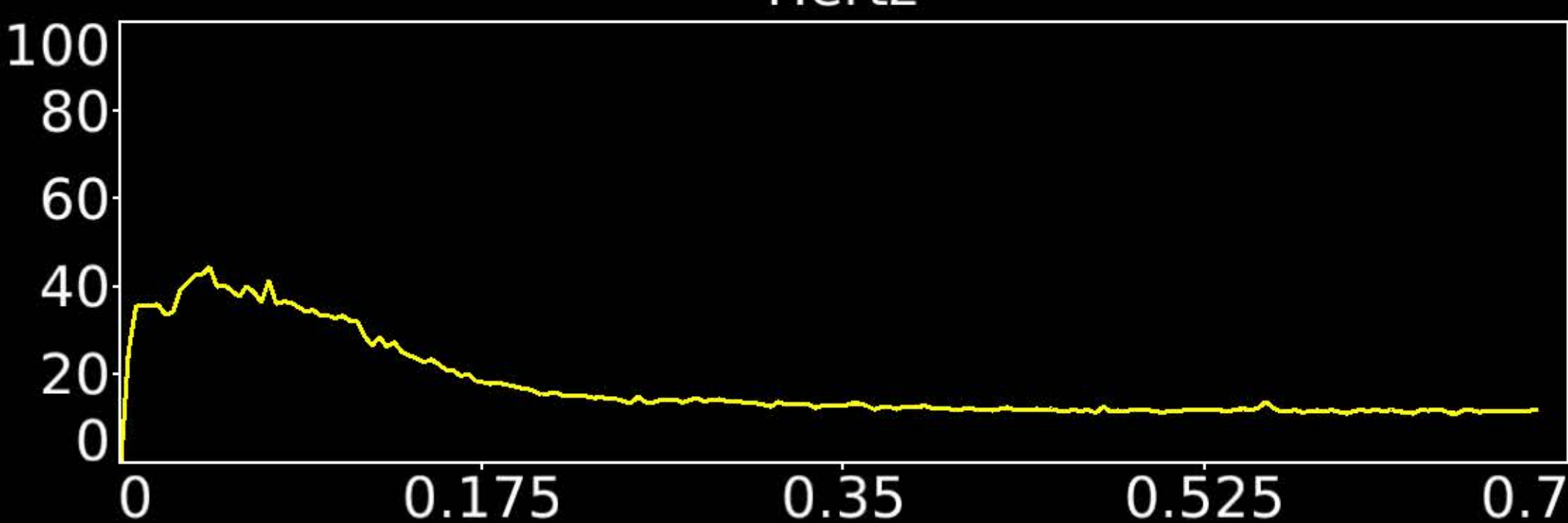
Rationale: Spatial map includes positive and negative patches that respect known somatotopic sensori-motor organization (Left Hand)



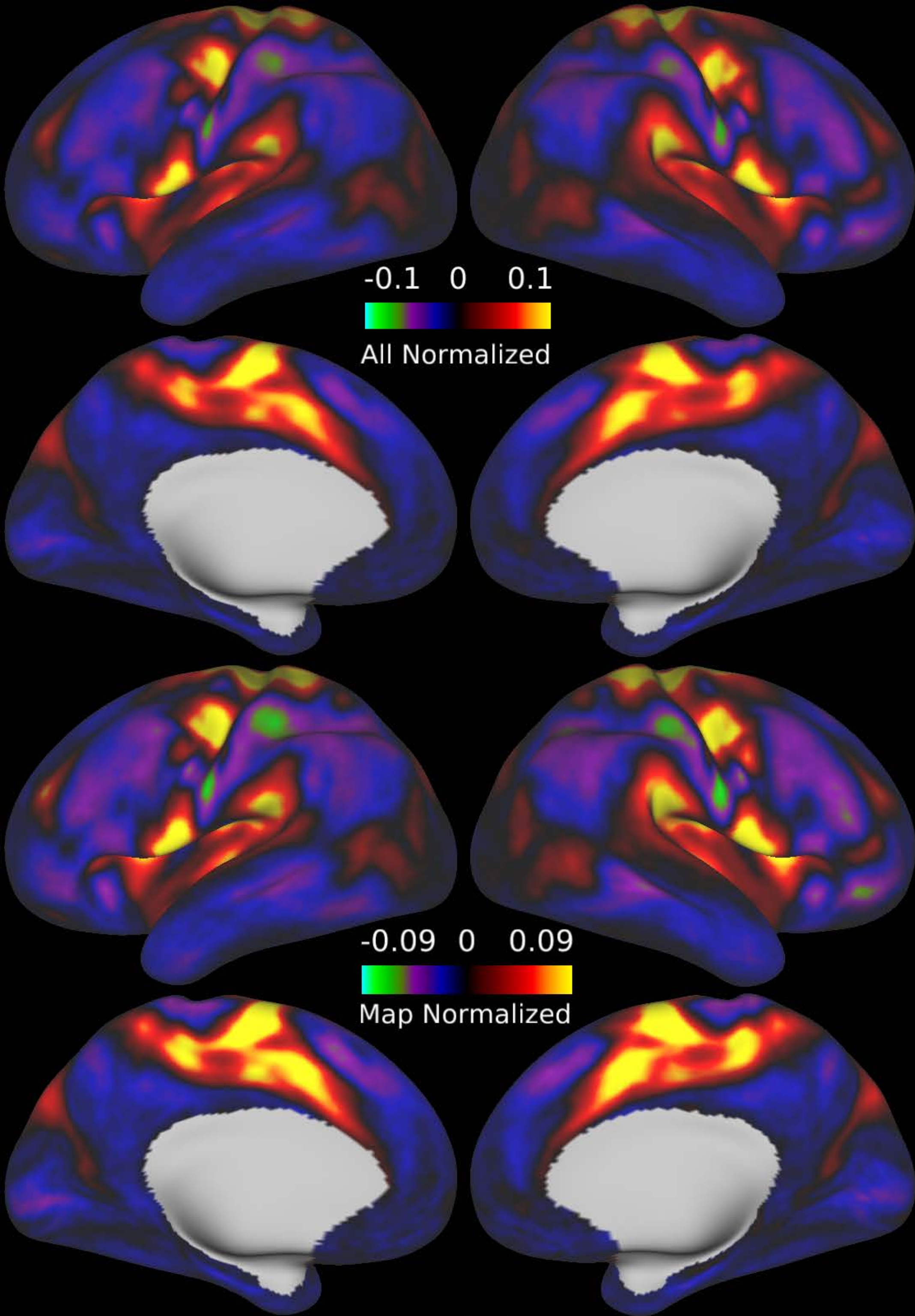
Hertz



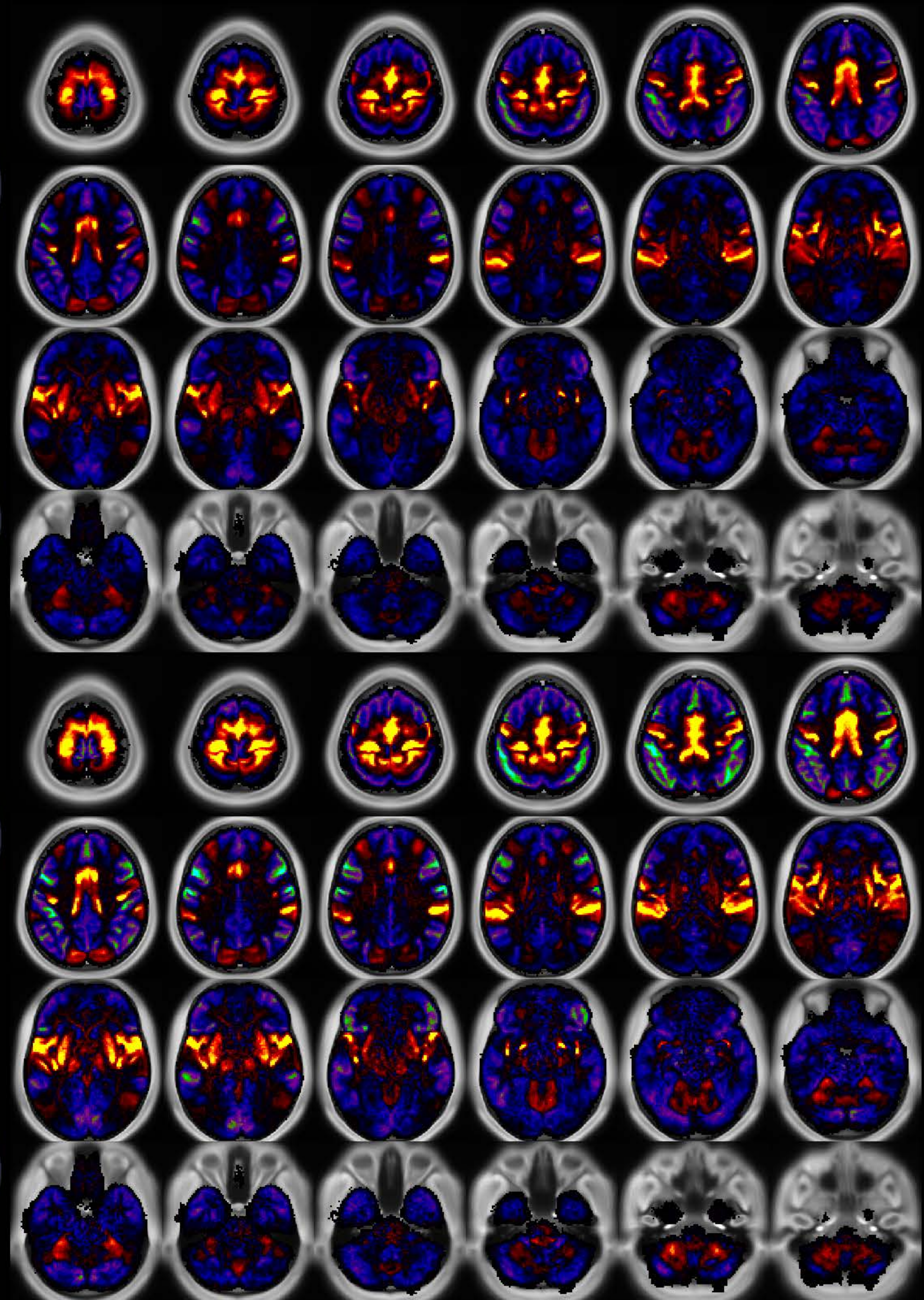
Seconds



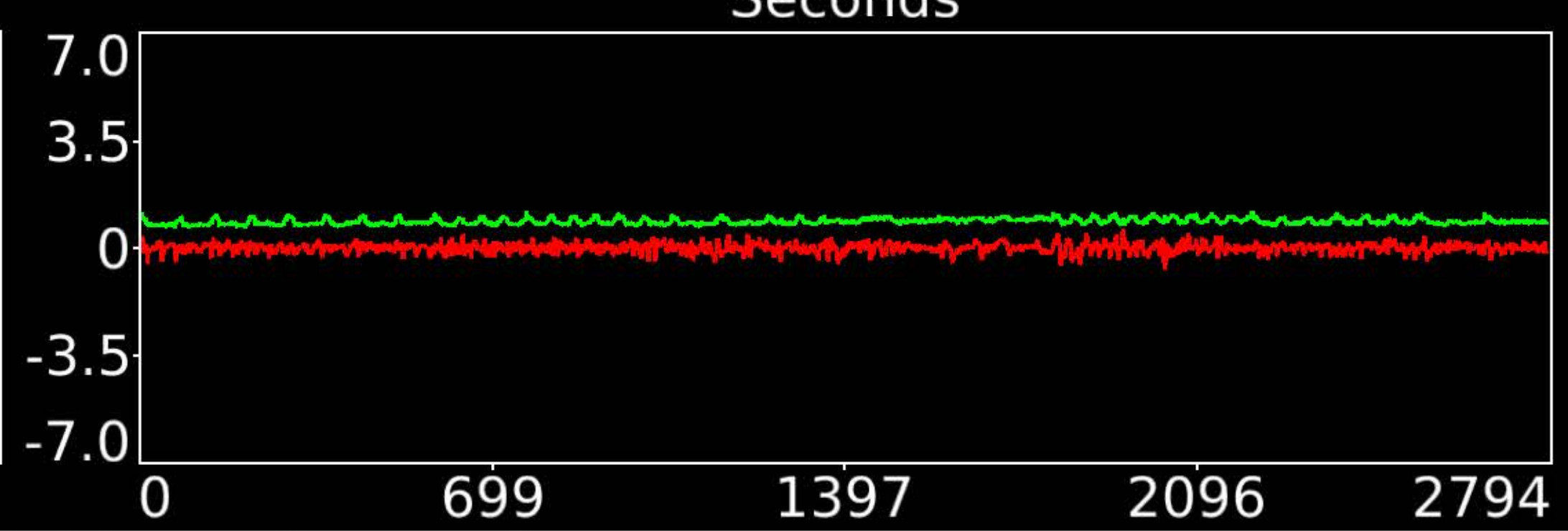
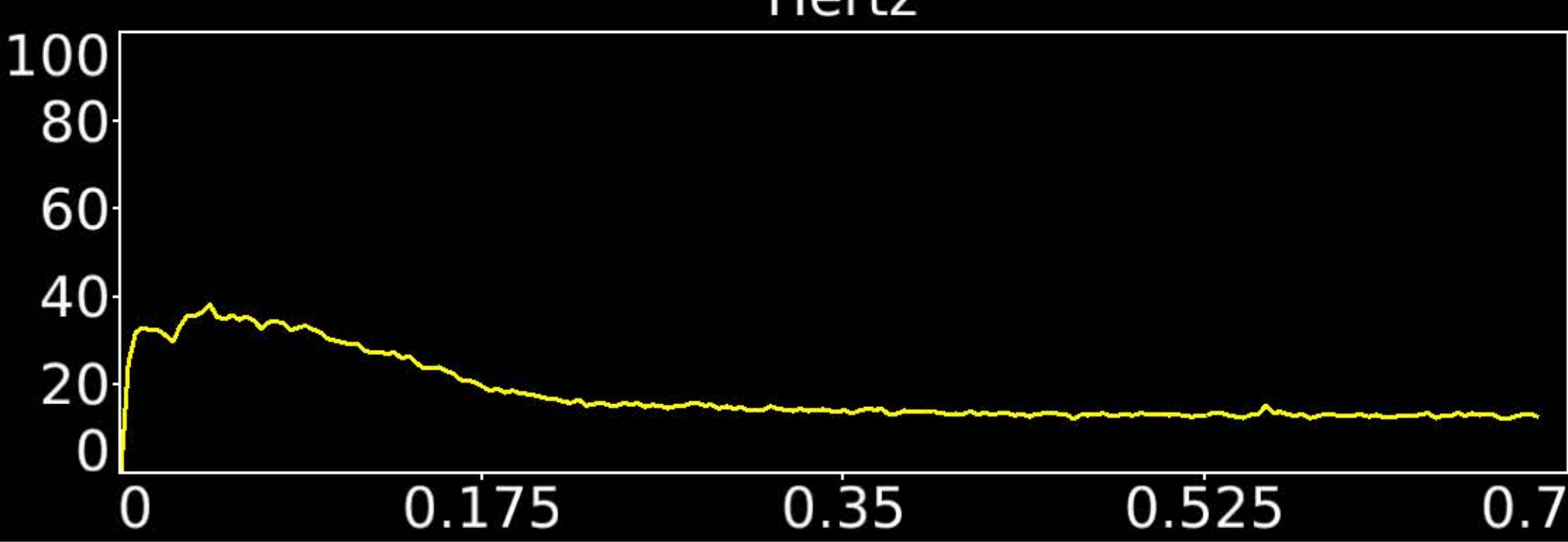
Number & Class: 27 Signal		Name: Fronto-Parietal Bilateral	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.49	Globality Index: 0.79	
Task Component: No	Rest Component: No	Task Modulated: No	
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Fronto-Parietal Network)			



Hertz

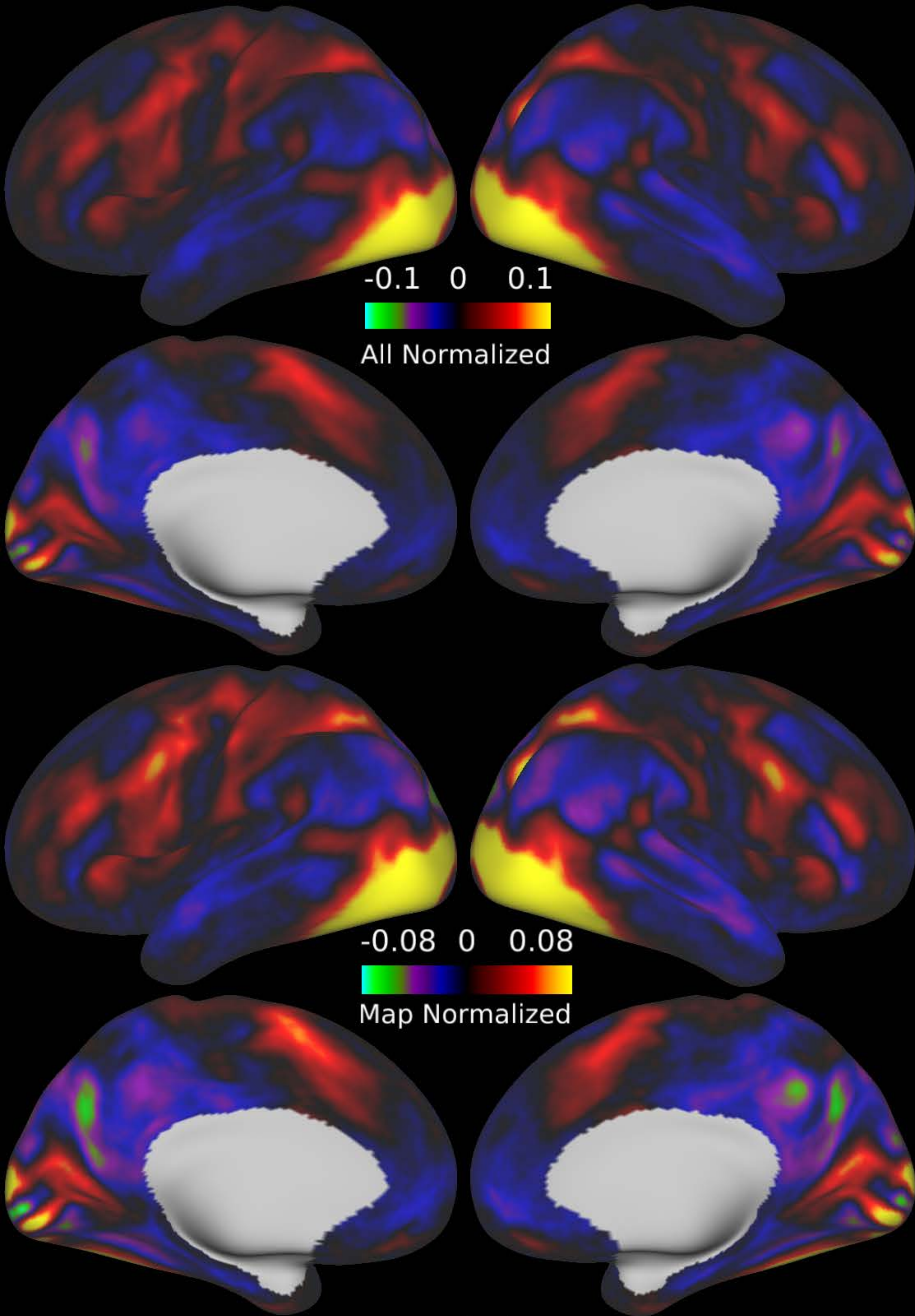


Seconds

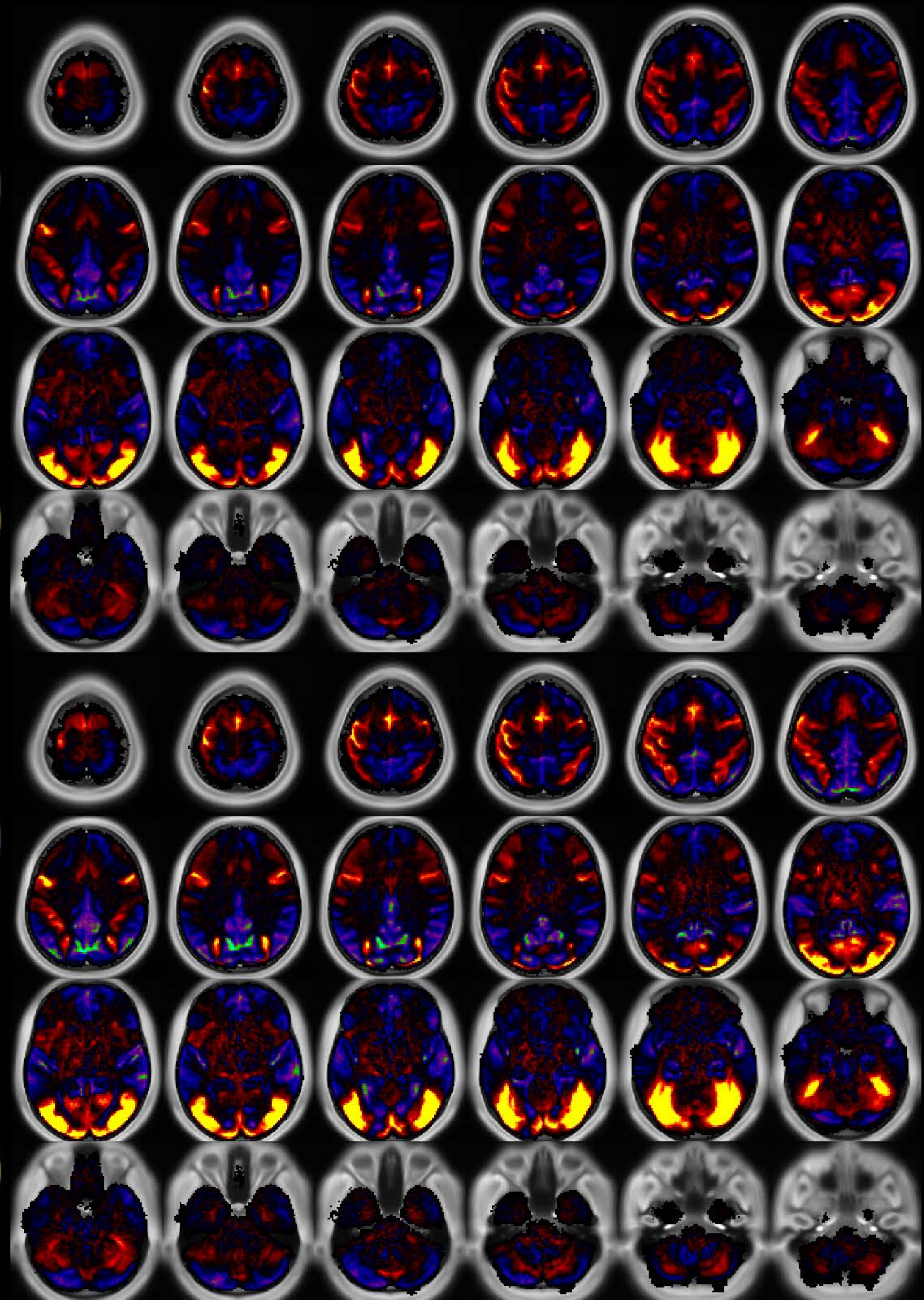


Number & Class: 28 Signal		Name: Eye + Trunk Motor Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.48	Globality Index: 0.69	
Task Component: 29	Rest Component: 39	Task Modulated: No	

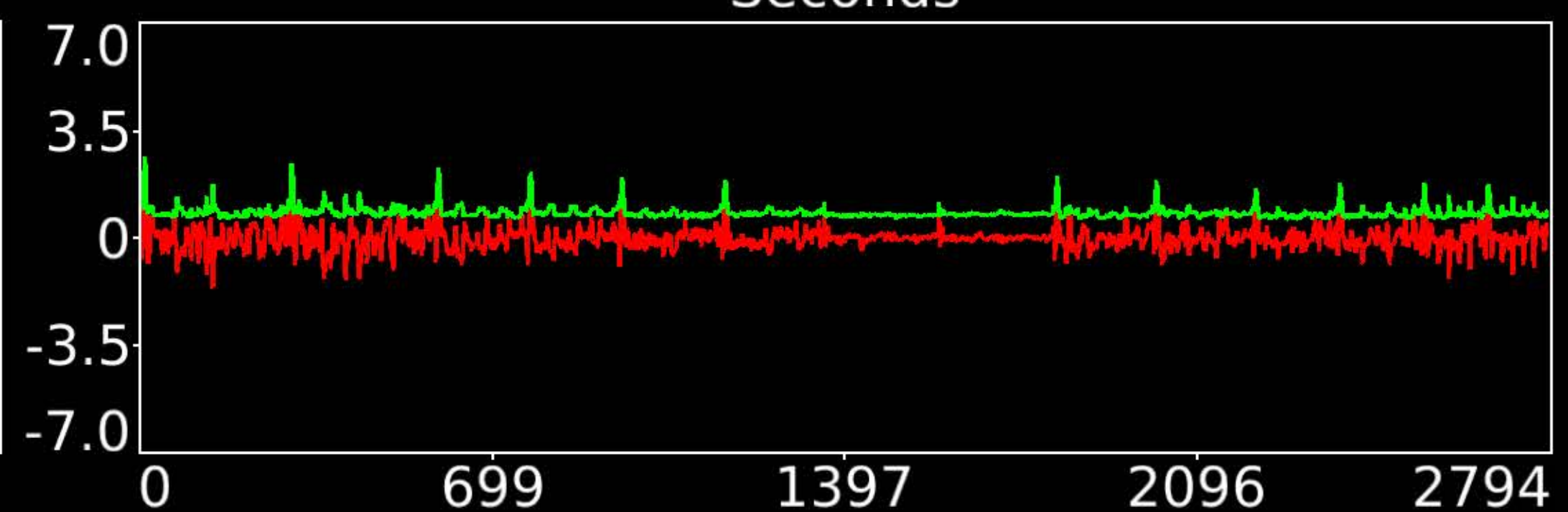
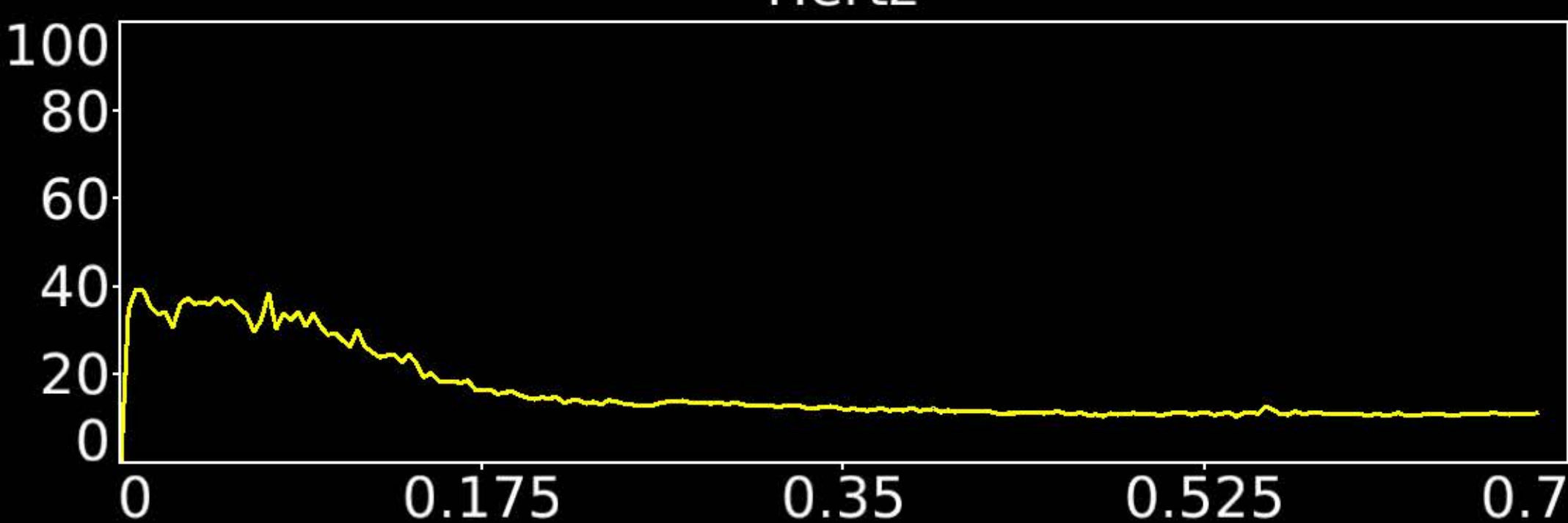
Rationale: Spatial map includes positive and negative patches that respect known somatotopic sensori-motor organization (Eye and Trunk)



Hertz

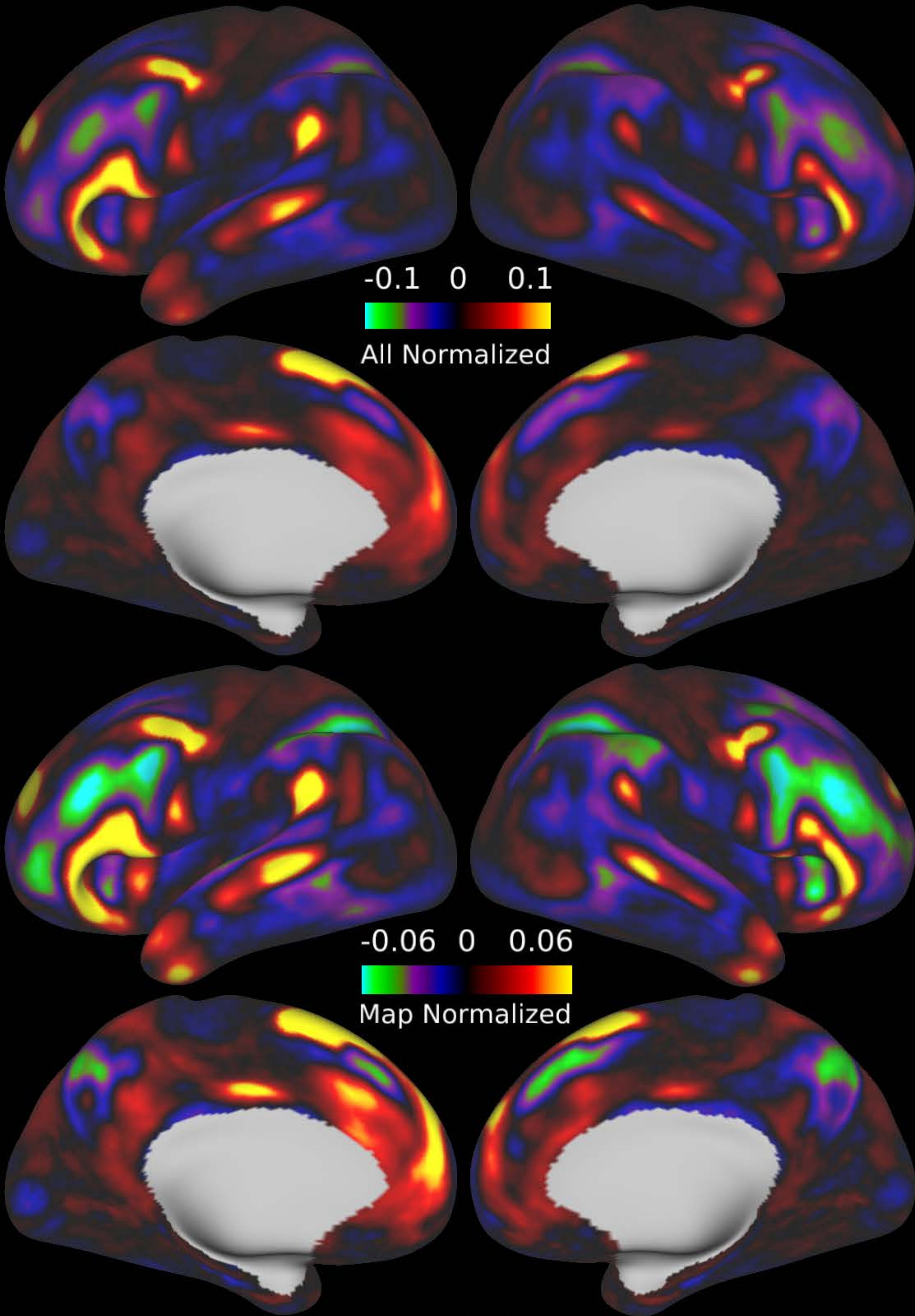


Seconds

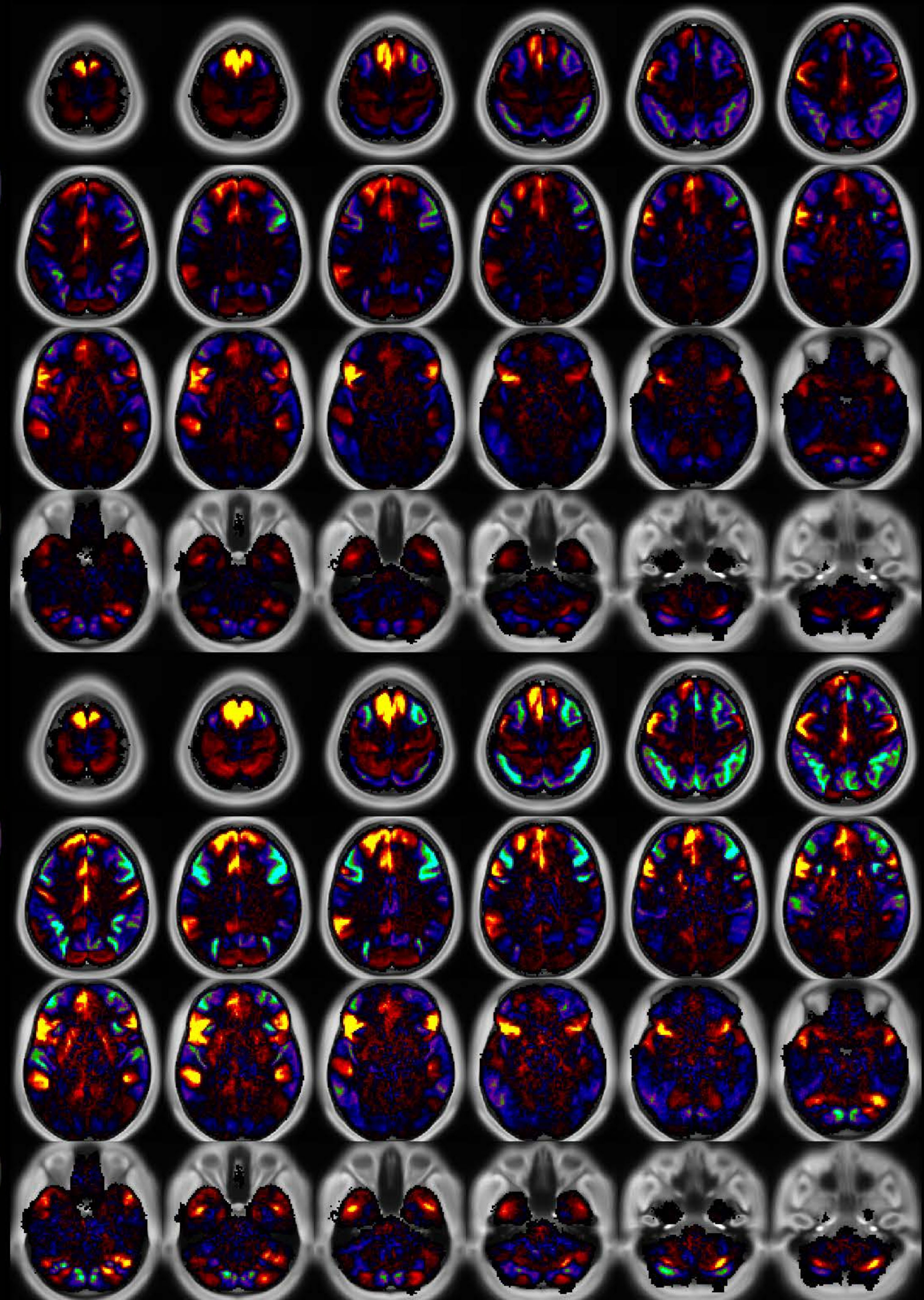


Number & Class: 29 Signal		Name: Extrastriate Visual	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.31	Globality Index: 0.04	
Task Component: 7	Rest Component: No	Task Modulated: No	

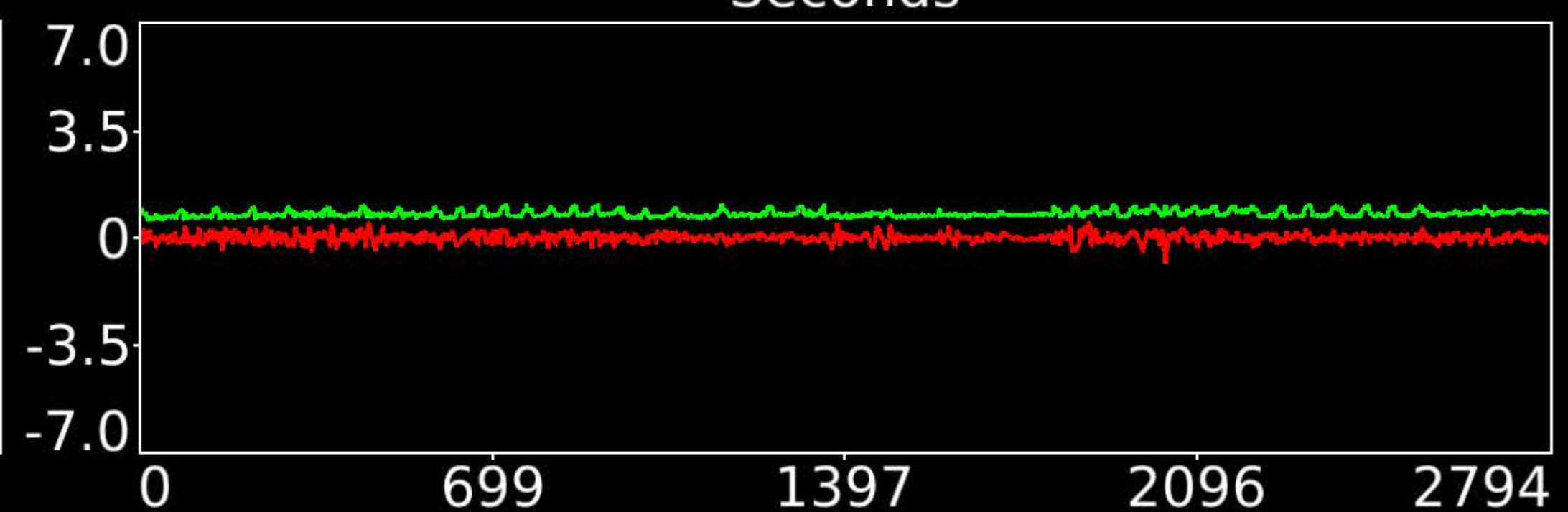
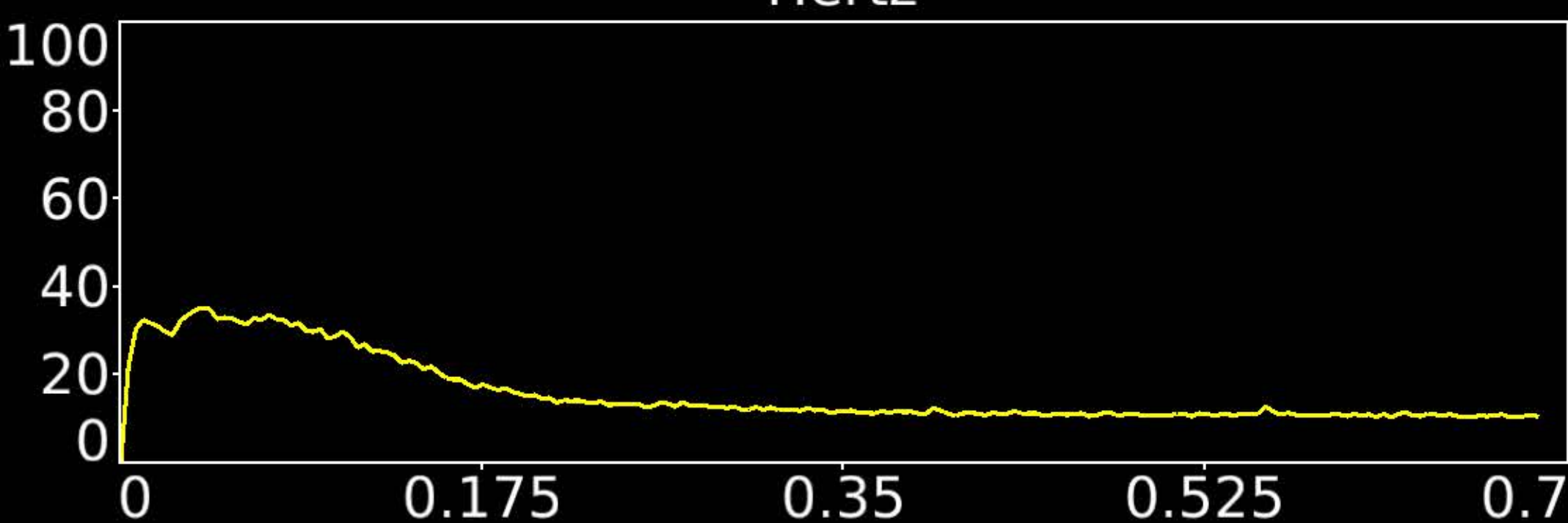
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Vertical vs Horizontal Meridians); Extrastriate Visual RSN



Hertz

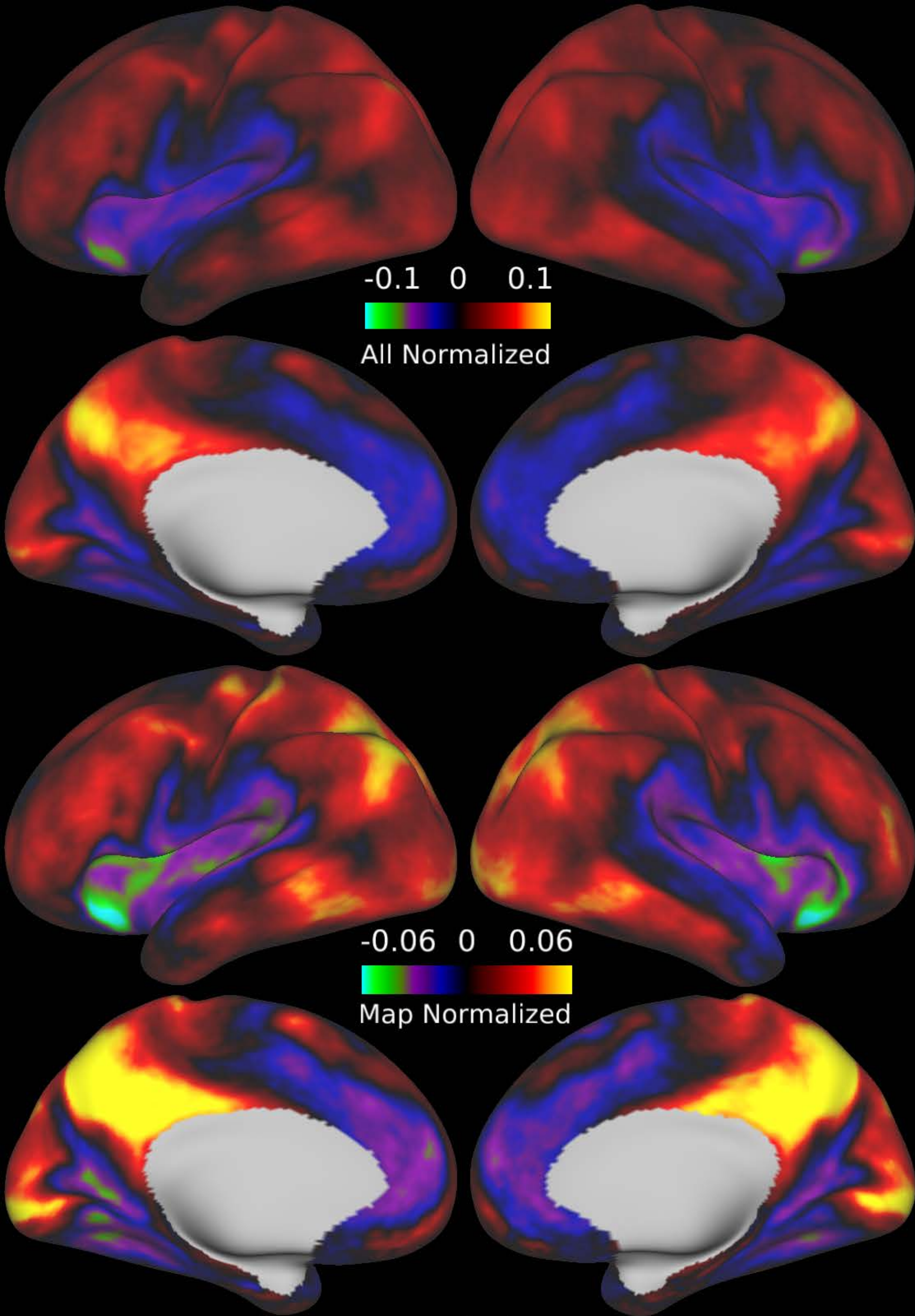


Seconds

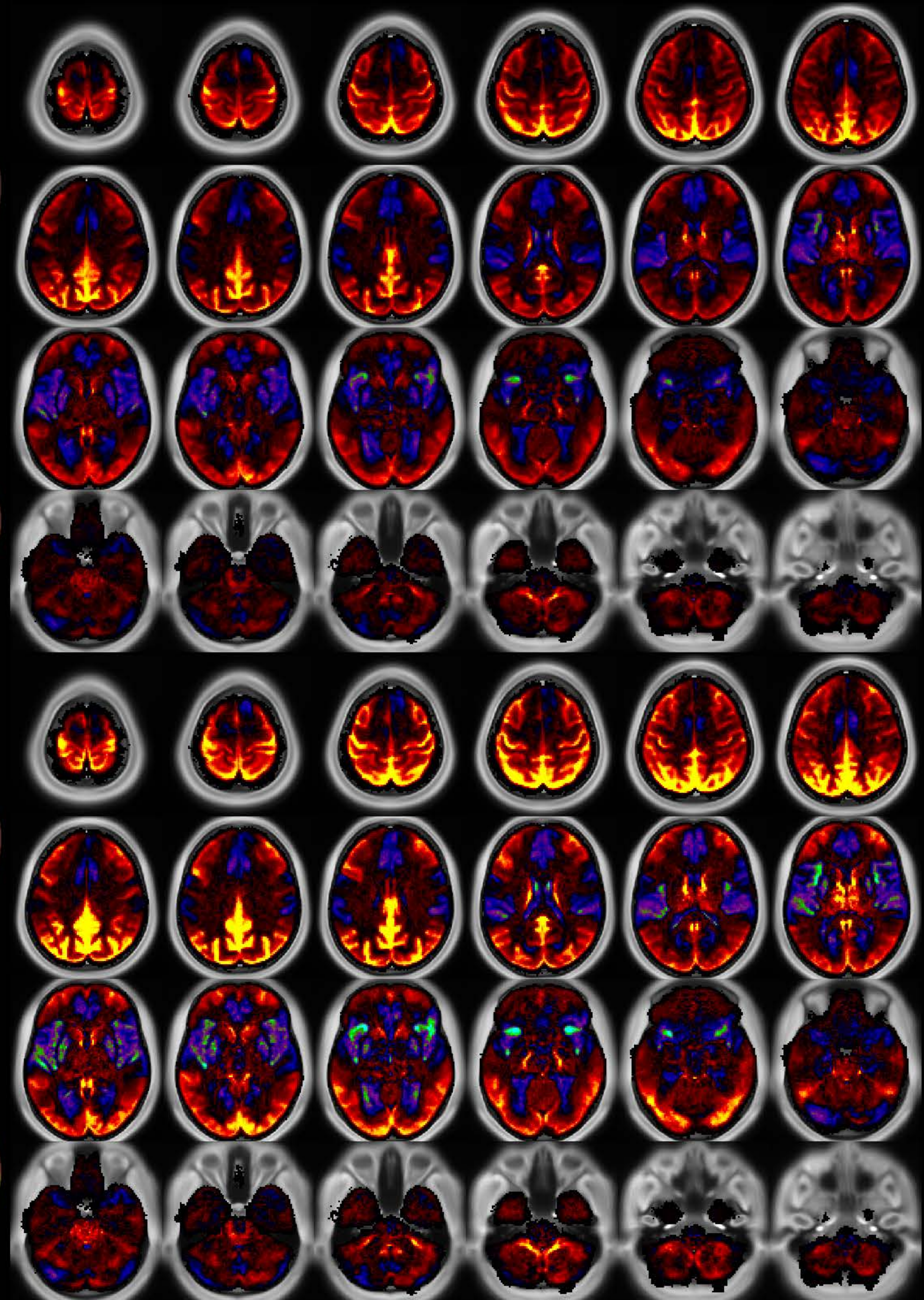


Number & Class: 30 Signal		Name: Left Lateralized Language Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.19	Globality Index: 0.01	
Task Component: 22	Rest Component: 20	Task Modulated: No	

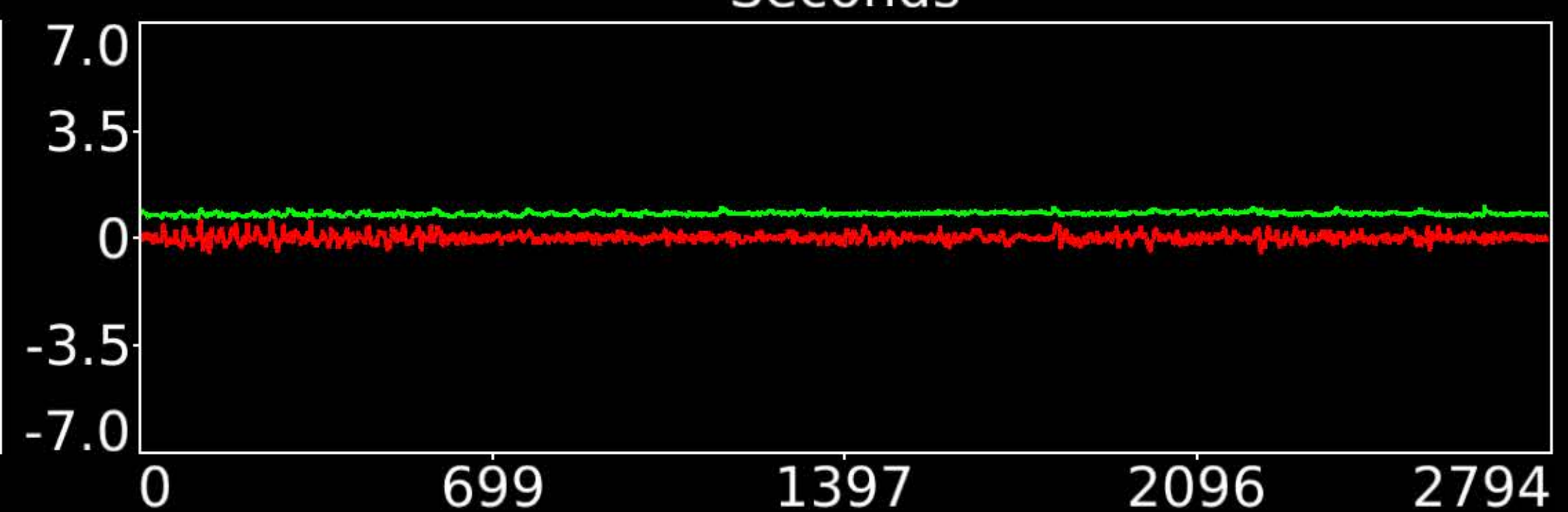
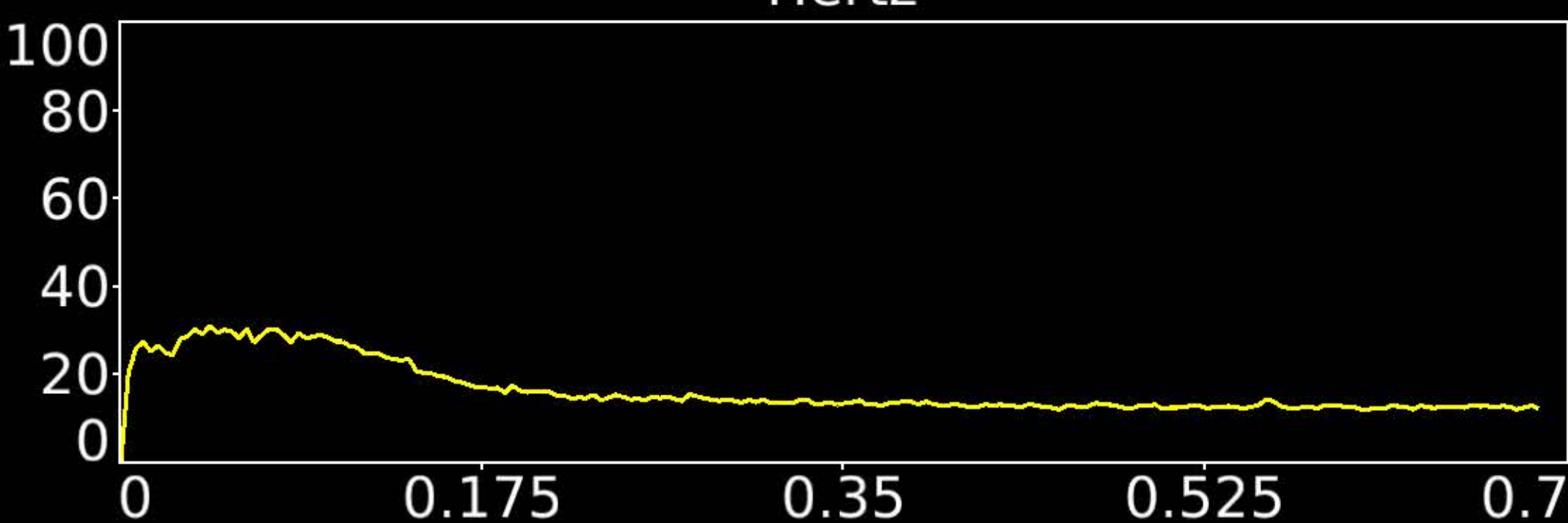
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Language Network and areal boundaries (44; 45; 55b; PSL; SFL)



Hertz

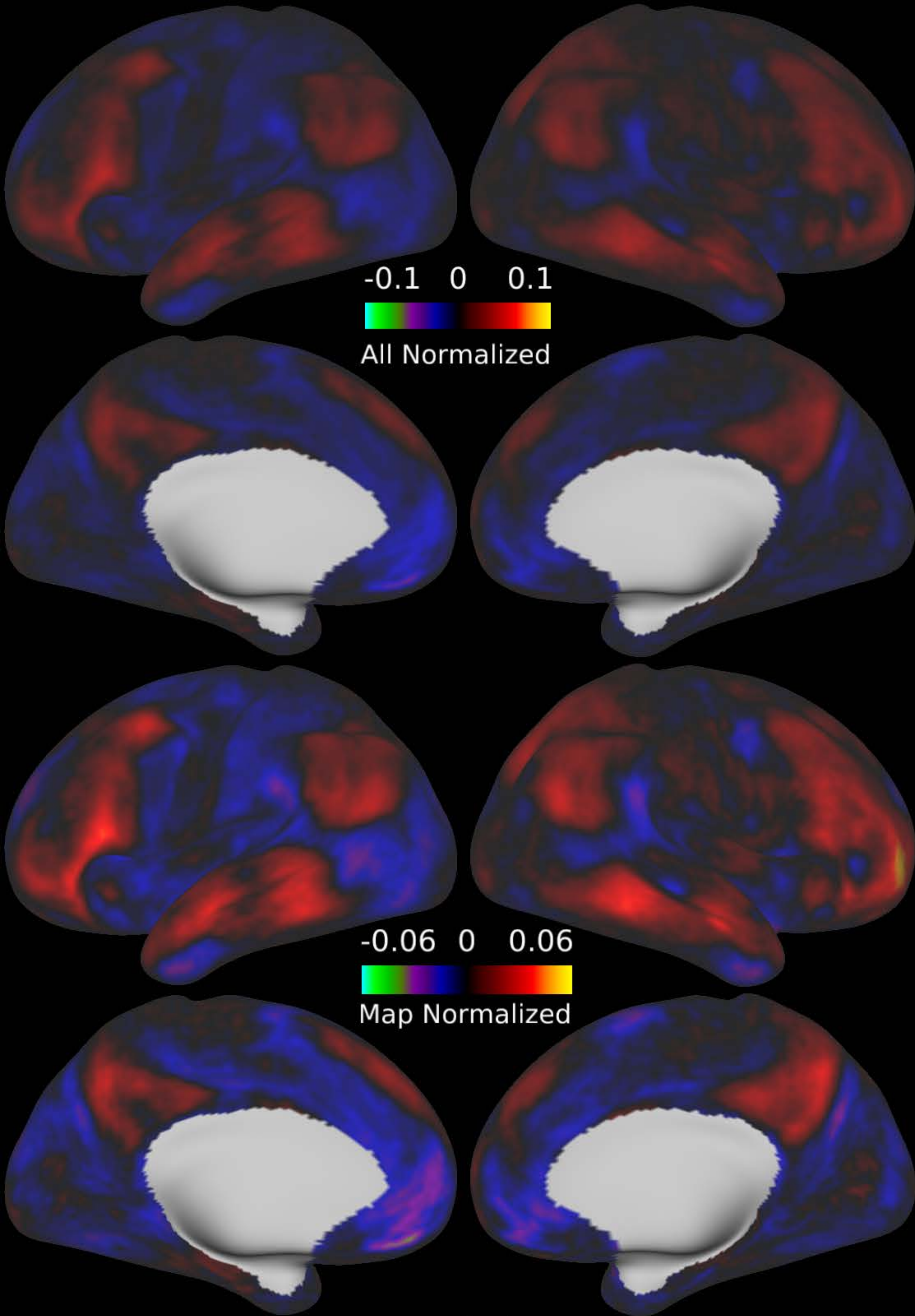


Seconds

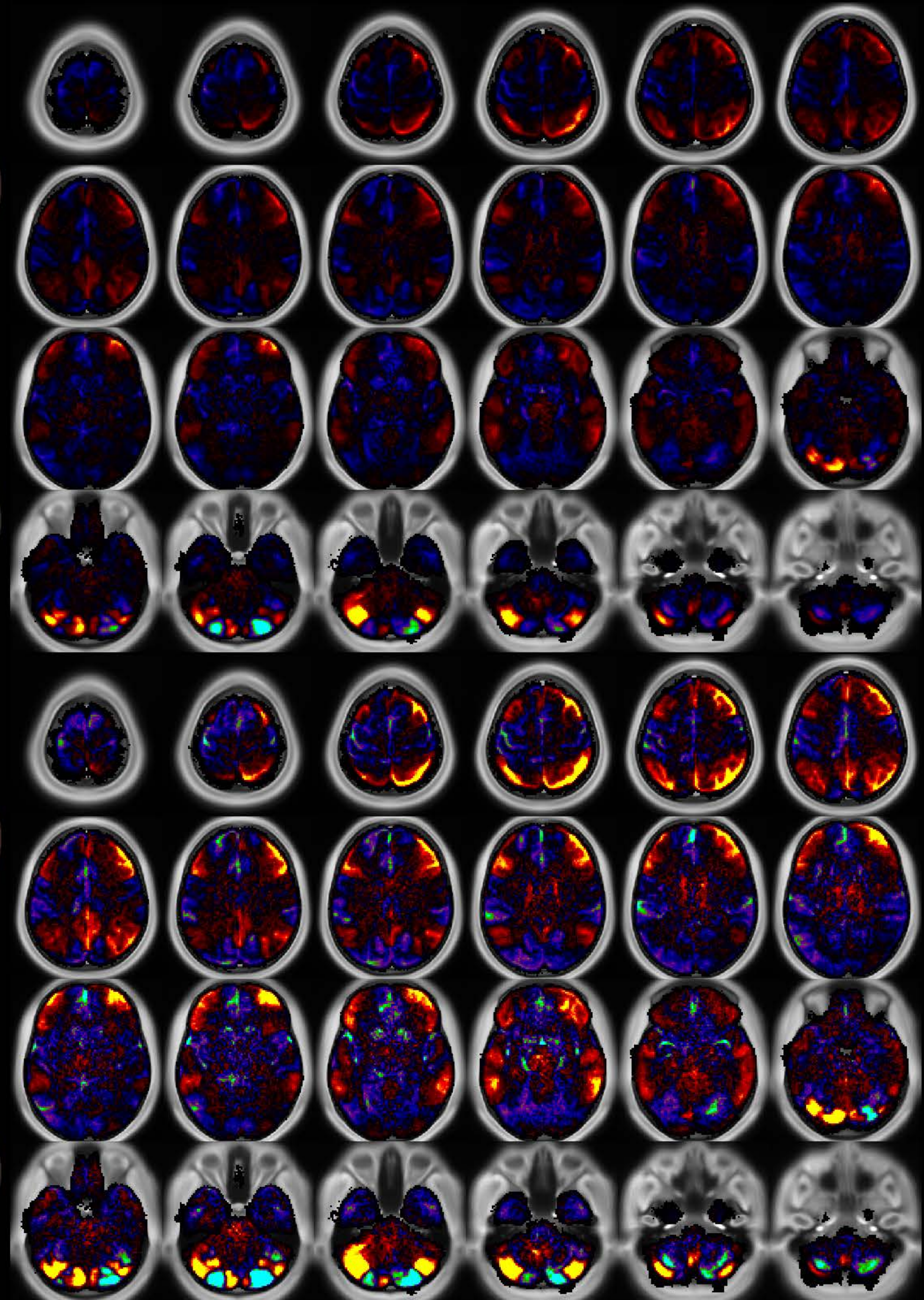


Number & Class: 31 Noise		Name: Semi-Global Physiological BOLD?	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: Yes	% Variance Explained: 1.19	Globality Index: 1.21	
Task Component: 30	Rest Component: 25	Task Modulated: No	

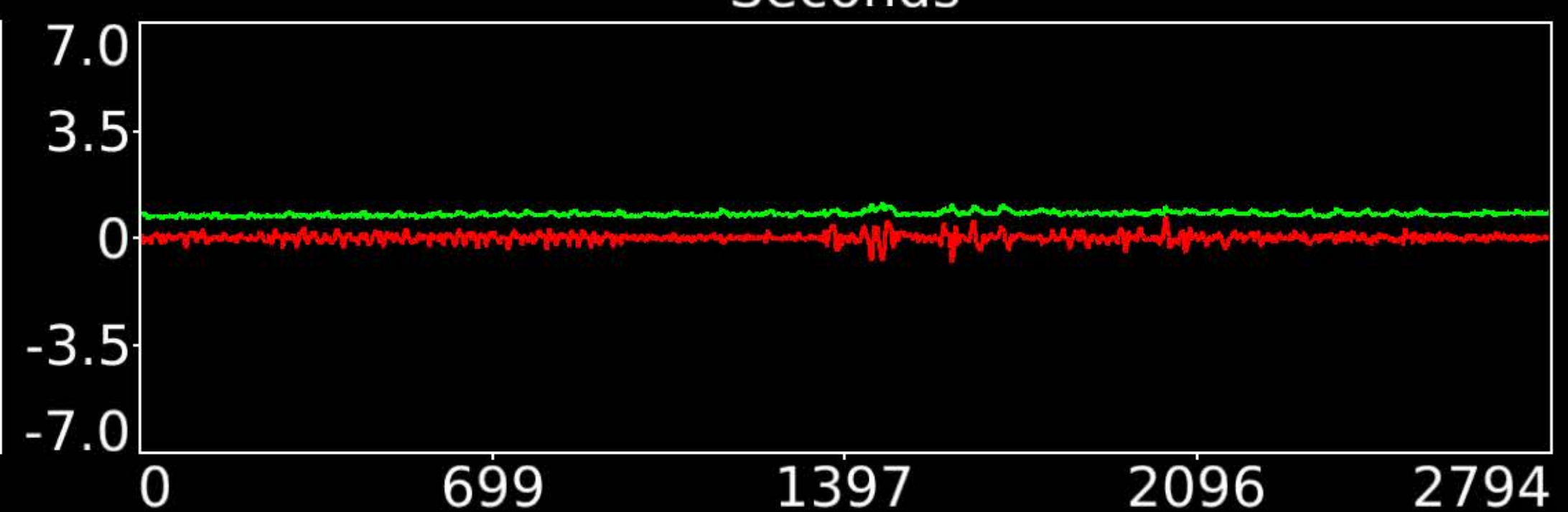
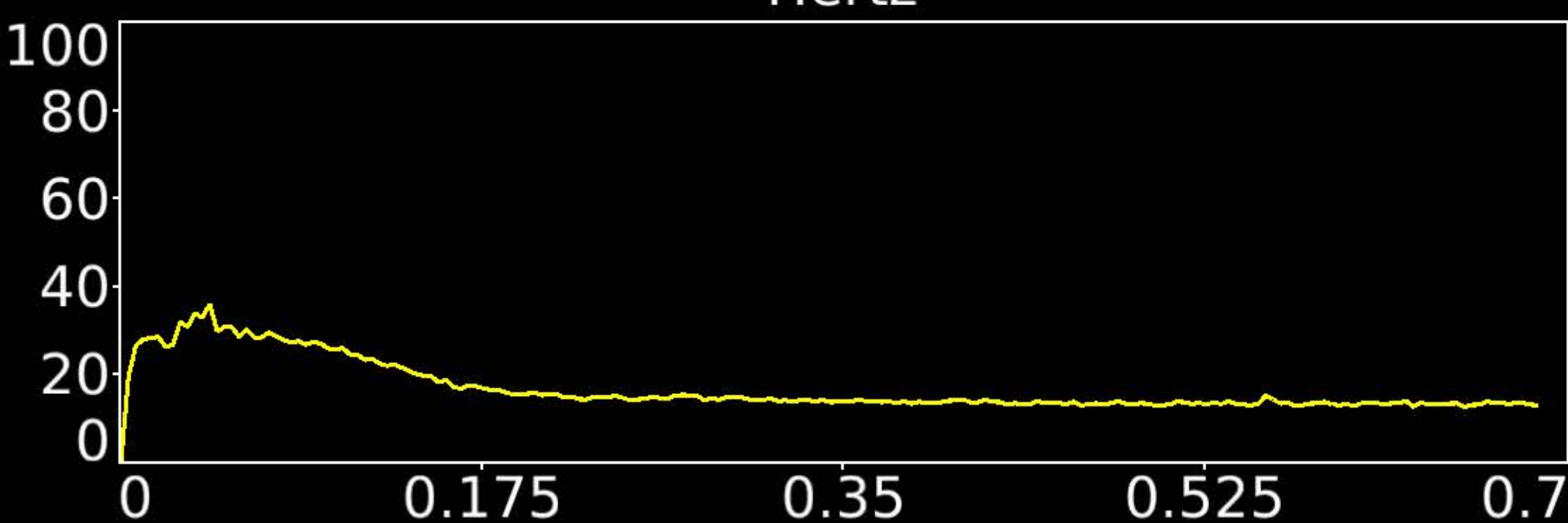
Rationale: Controversial: Bears some resemblance to RC25 and TC30; positive and negative patches do not clearly reflect RSNs or areal borders



Hertz

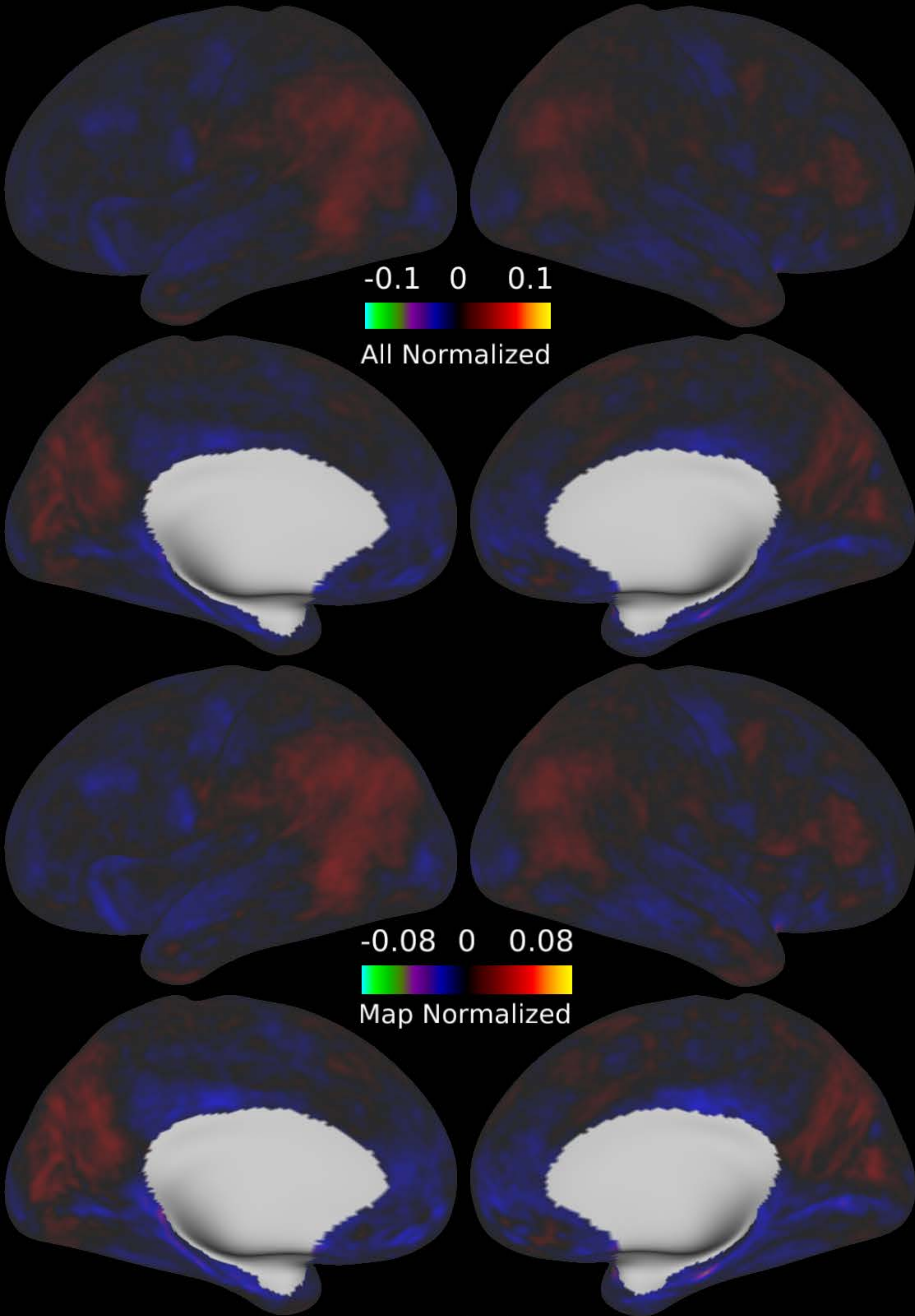


Seconds

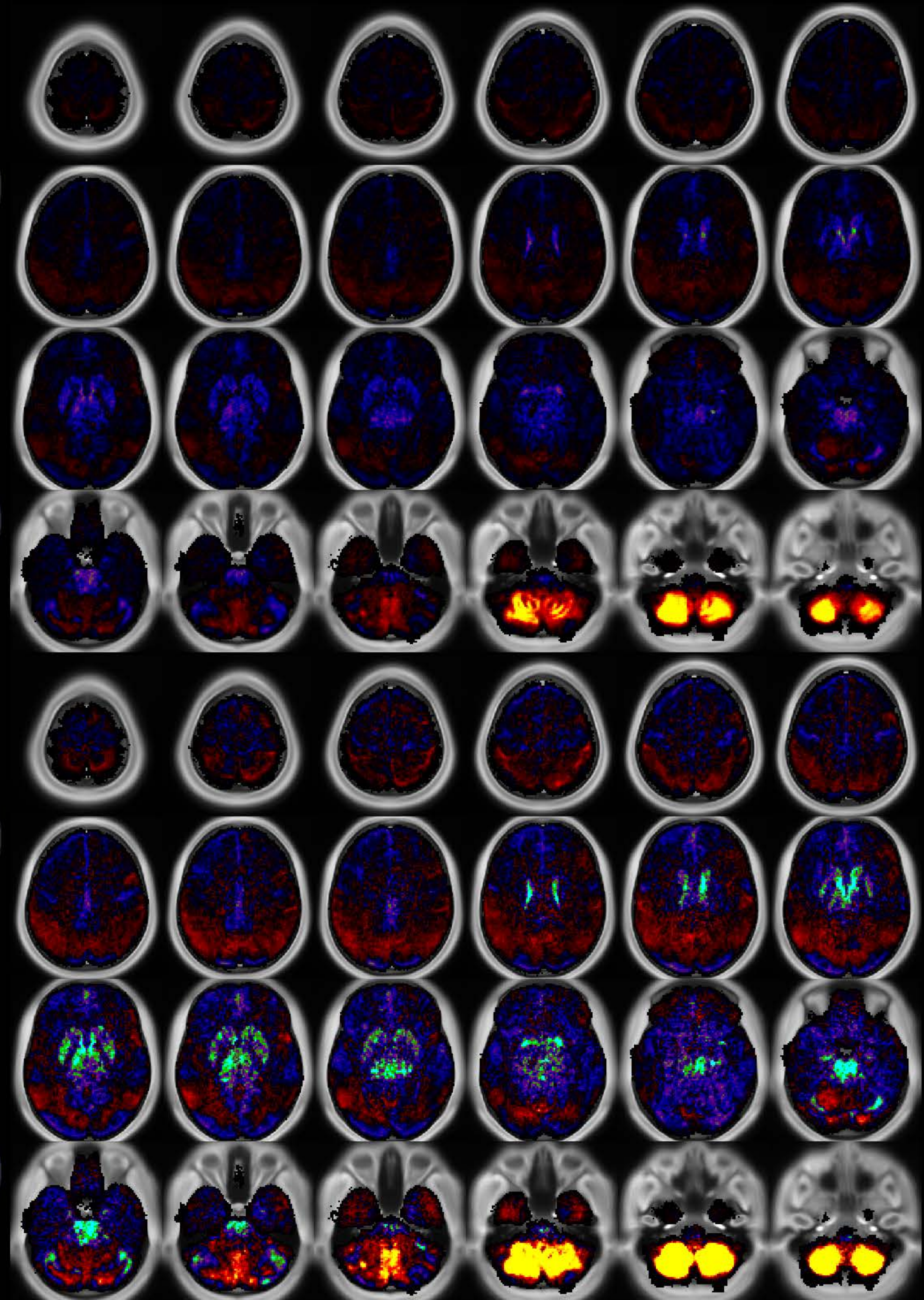


Number & Class: 32 Signal		Name: Cerebellar Unknown	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.16	Globality Index: 0.28	
Task Component: -36	Rest Component: 20	Task Modulated: No	

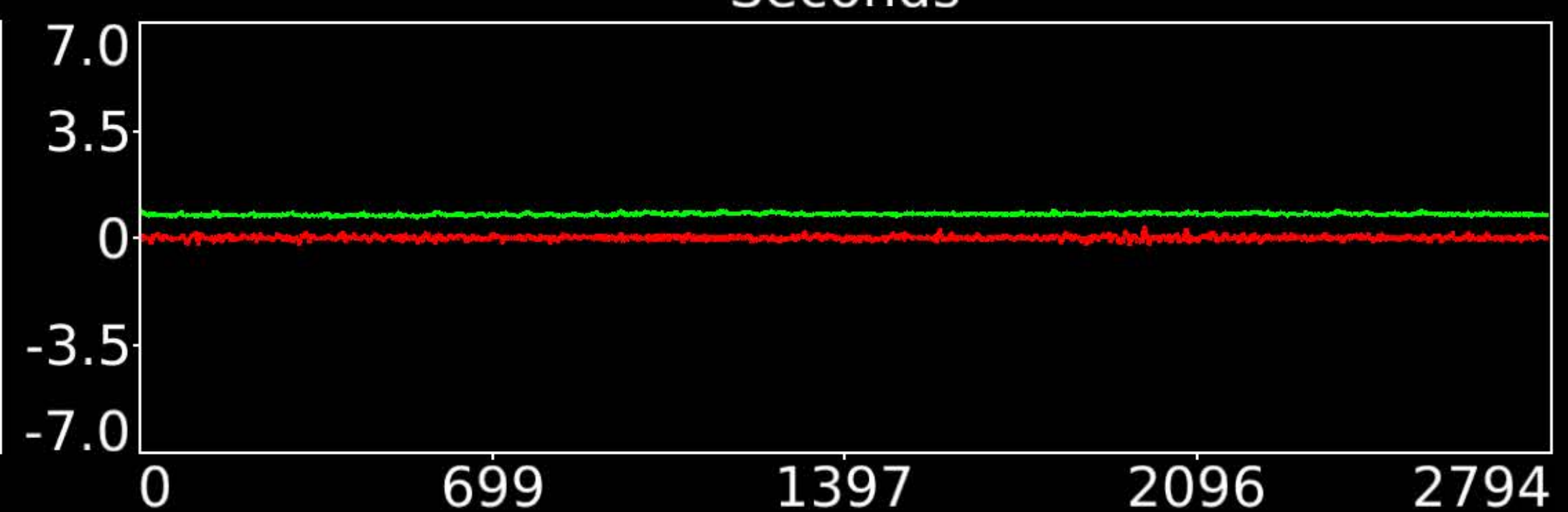
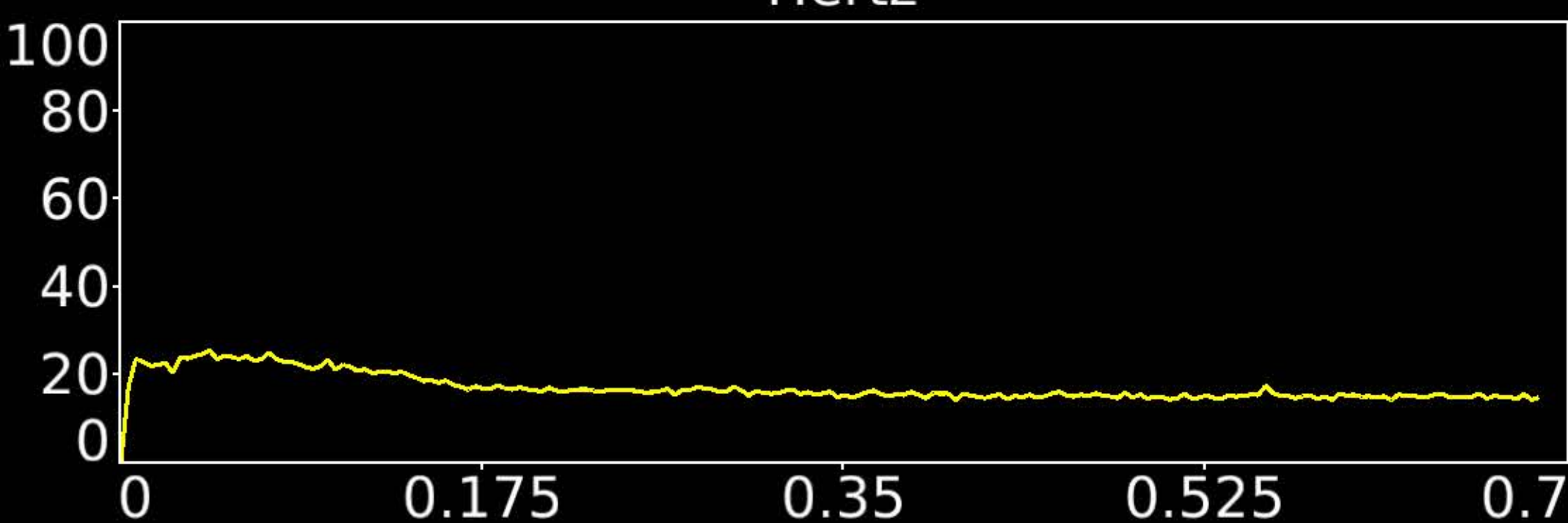
Rationale: Spatial map includes positive and negative patches that respect known RSN boundaries in the cerebellum



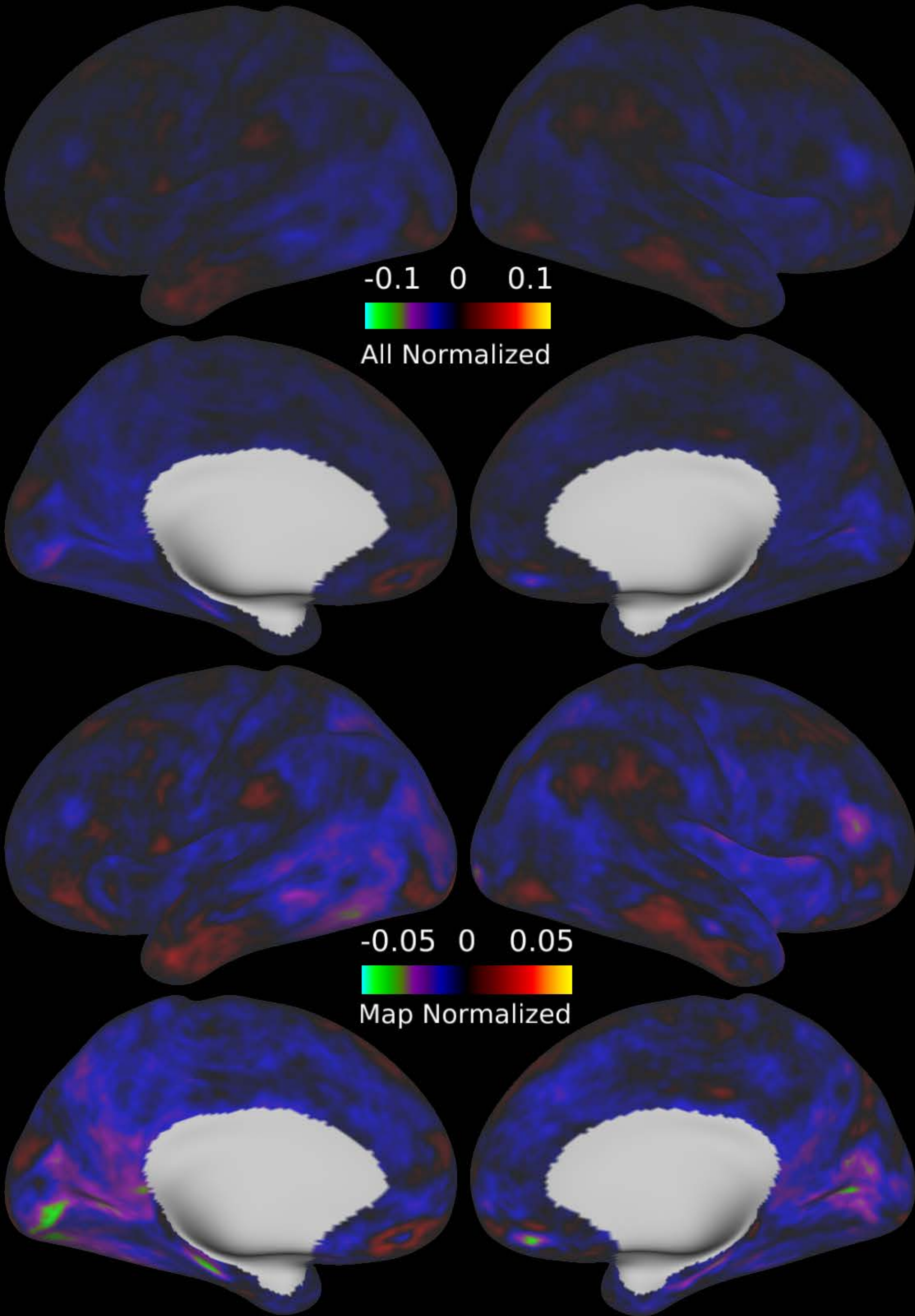
Hertz



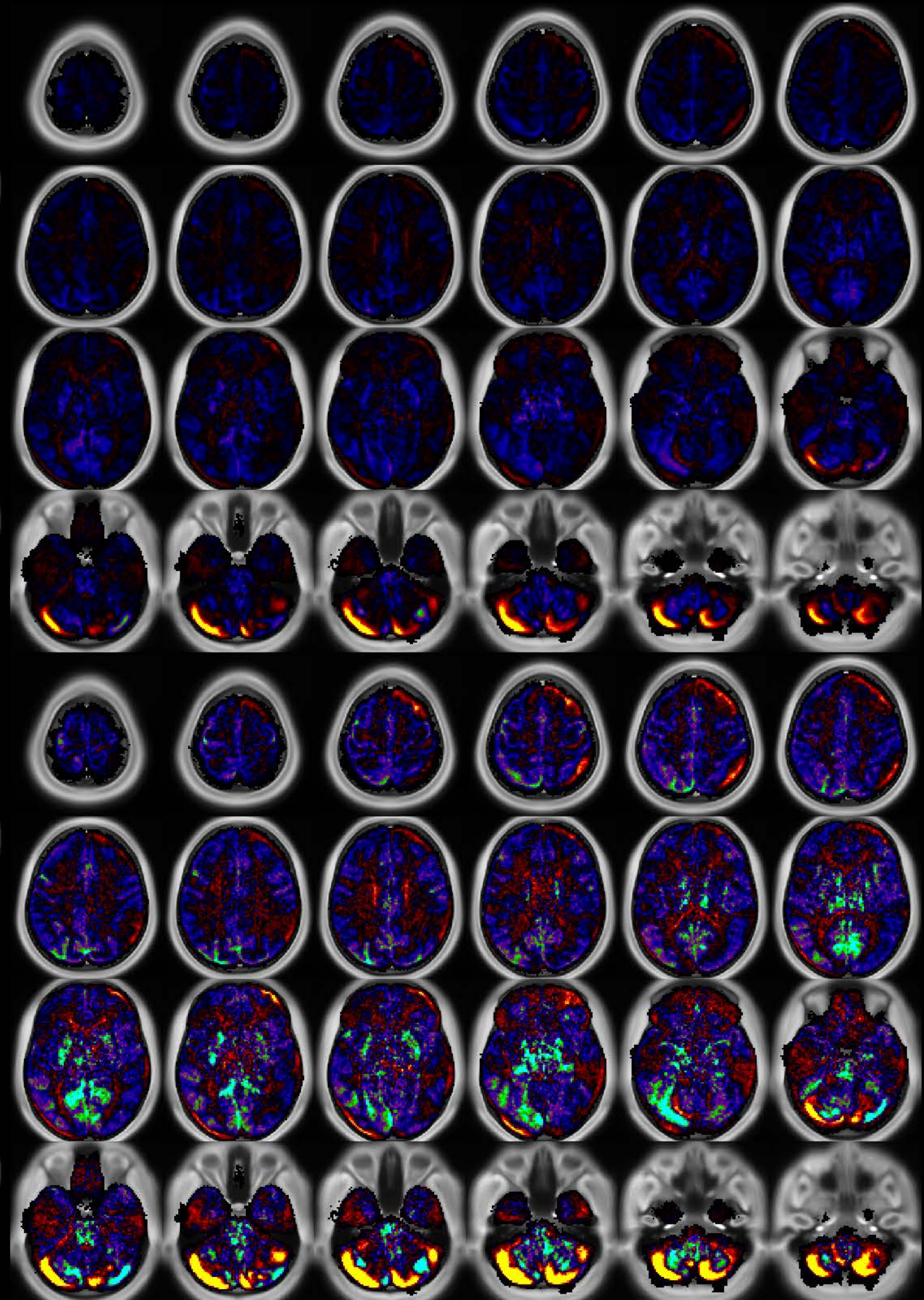
Seconds



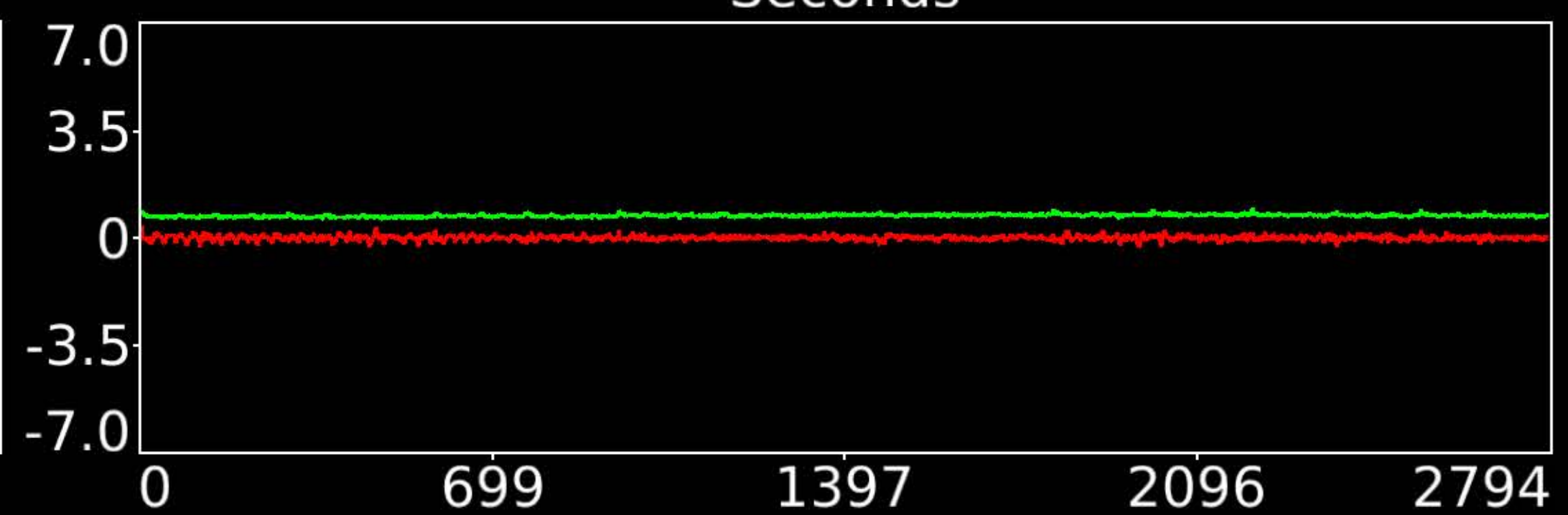
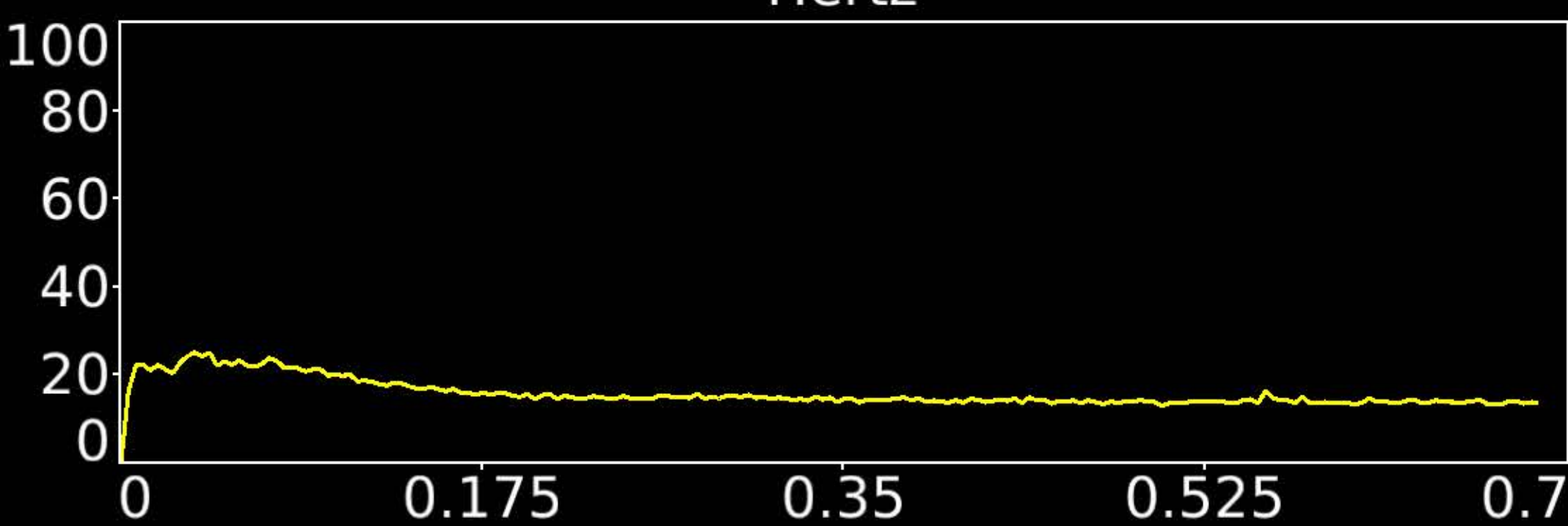
Number & Class: 33 Noise		Name: Bilateral Inferior Cerebellum	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: Yes	% Variance Explained: 1.11	Globality Index: 0.61	
Task Component: 41	Rest Component: No	Task Modulated: No	
Rationale: Component is DVARS Dips associated and single subject; perhaps related to motion; reconstruction; or unstructured noise			



Hertz

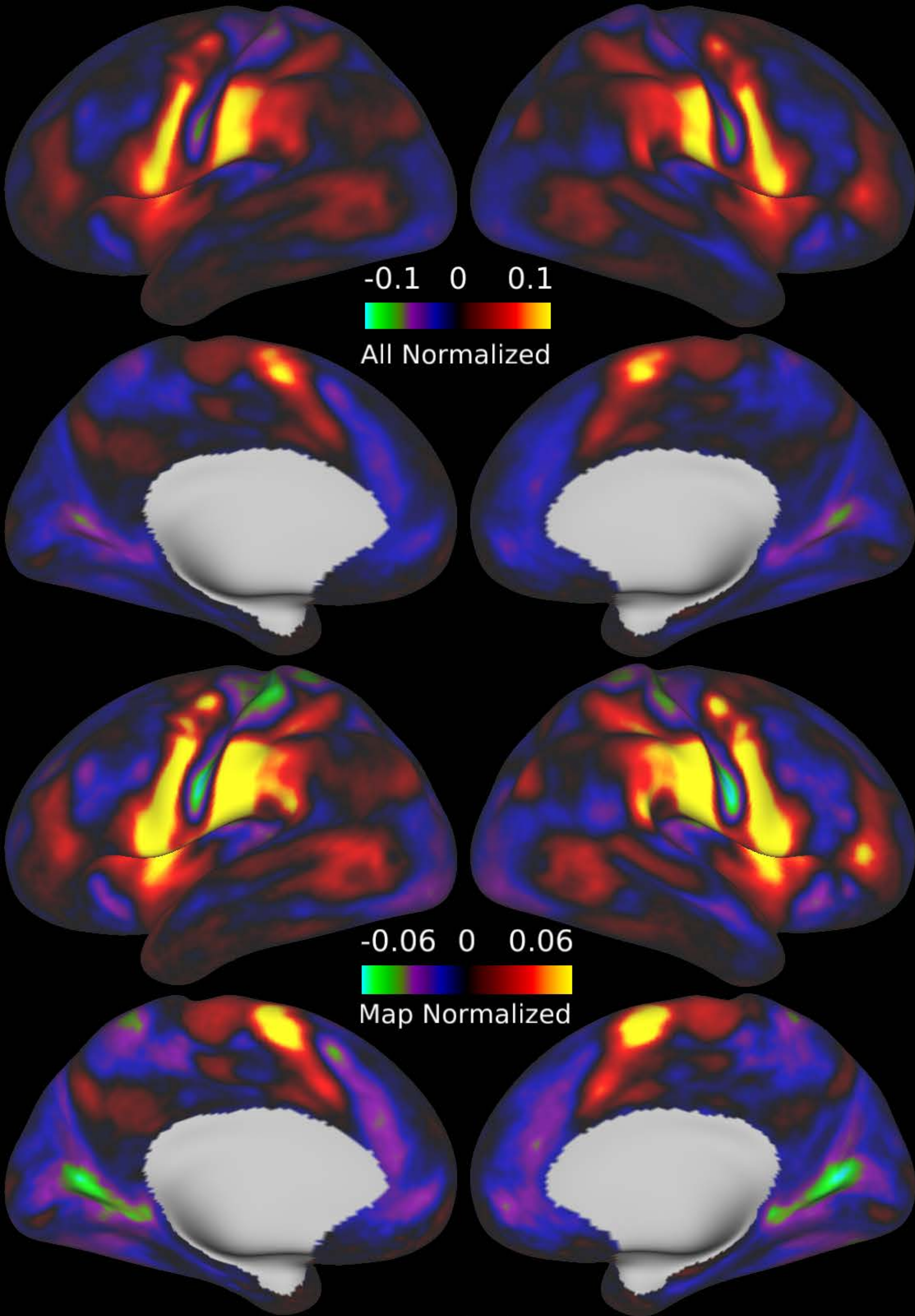


Seconds

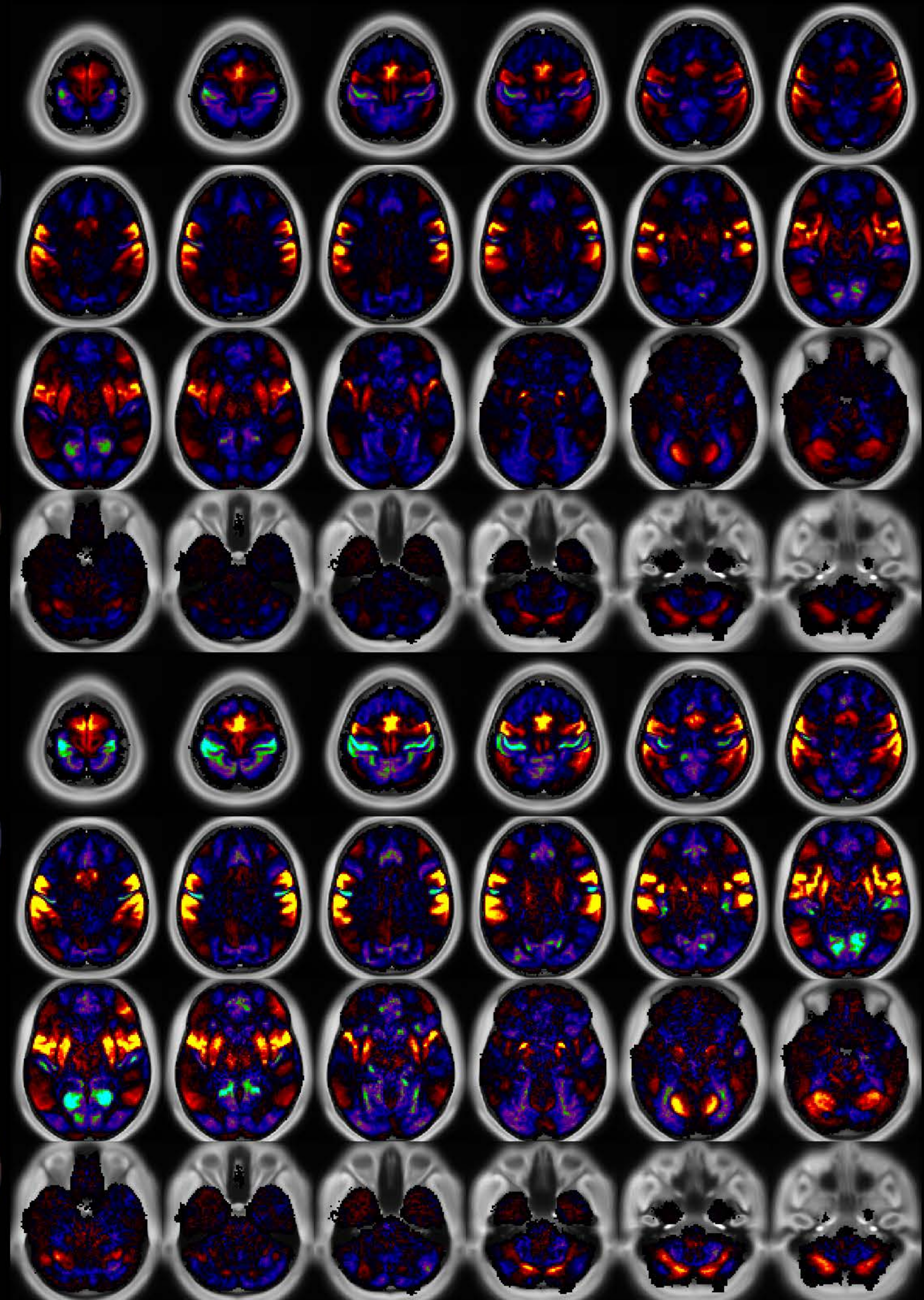


Number & Class: 34 Noise		Name: Cerebellar Movement Artifact Left	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: Yes	% Variance Explained: 1.05	Globality Index: 1.82	
Task Component: 44	Rest Component: 57	Task Modulated: No	

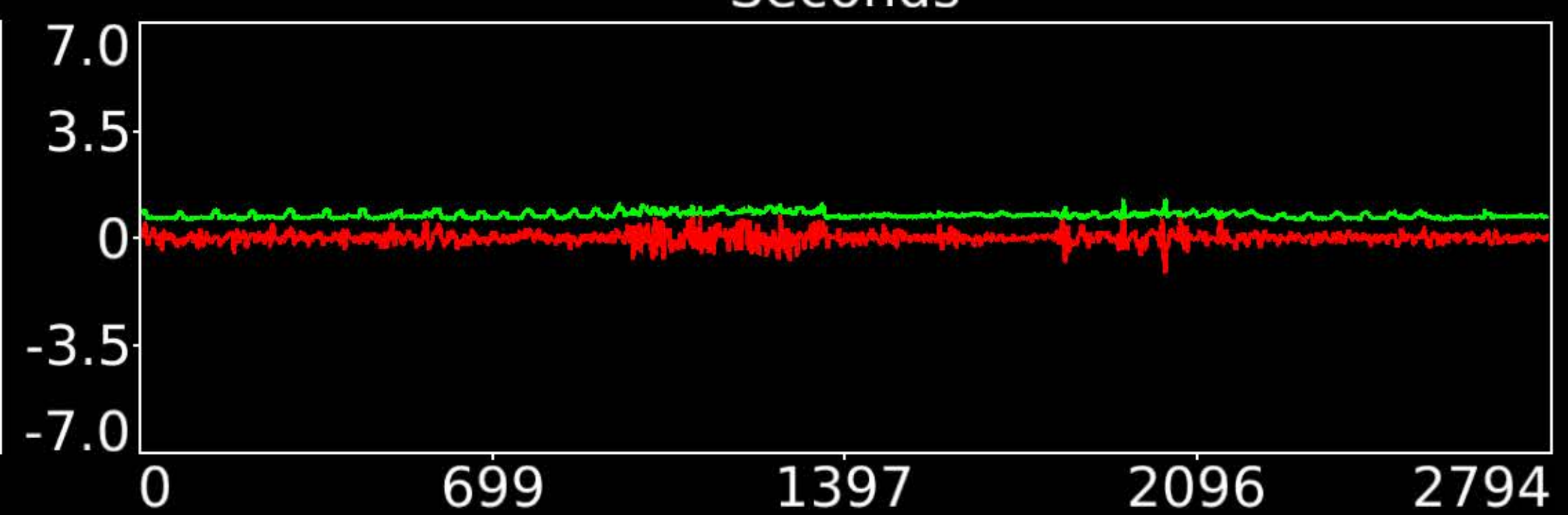
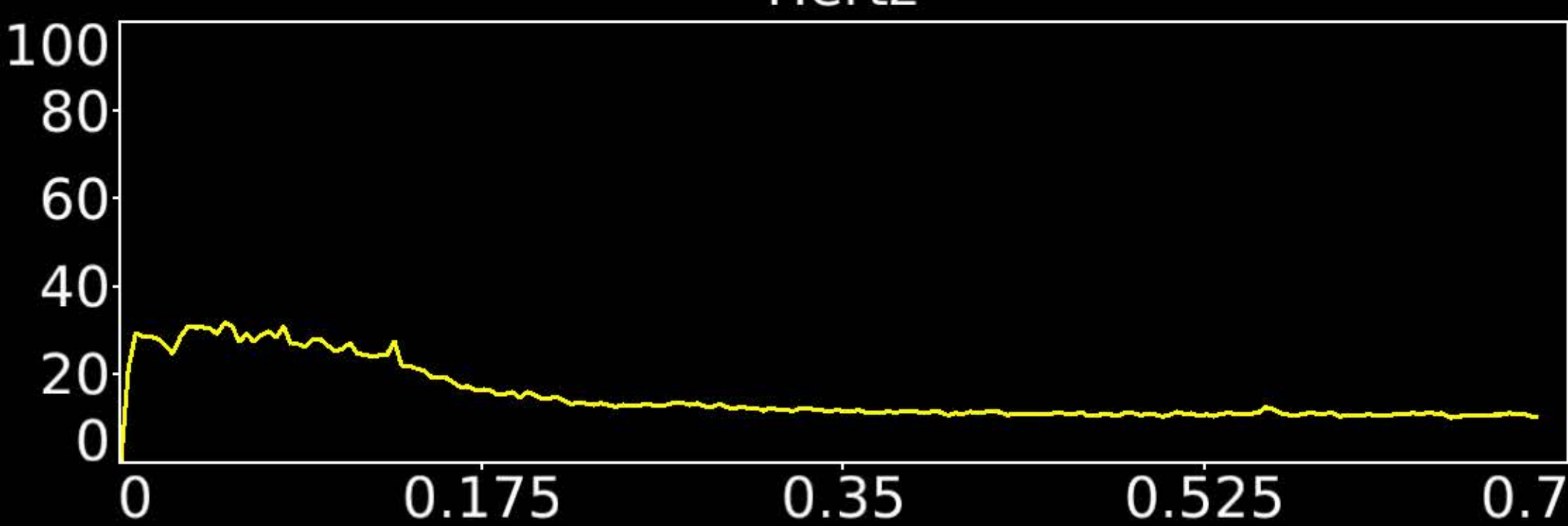
Rationale: Cerebellar edge motion component with high correlation to DVARS dipoles; looks like movement regressor beta map (derivative of X translation)



Hertz

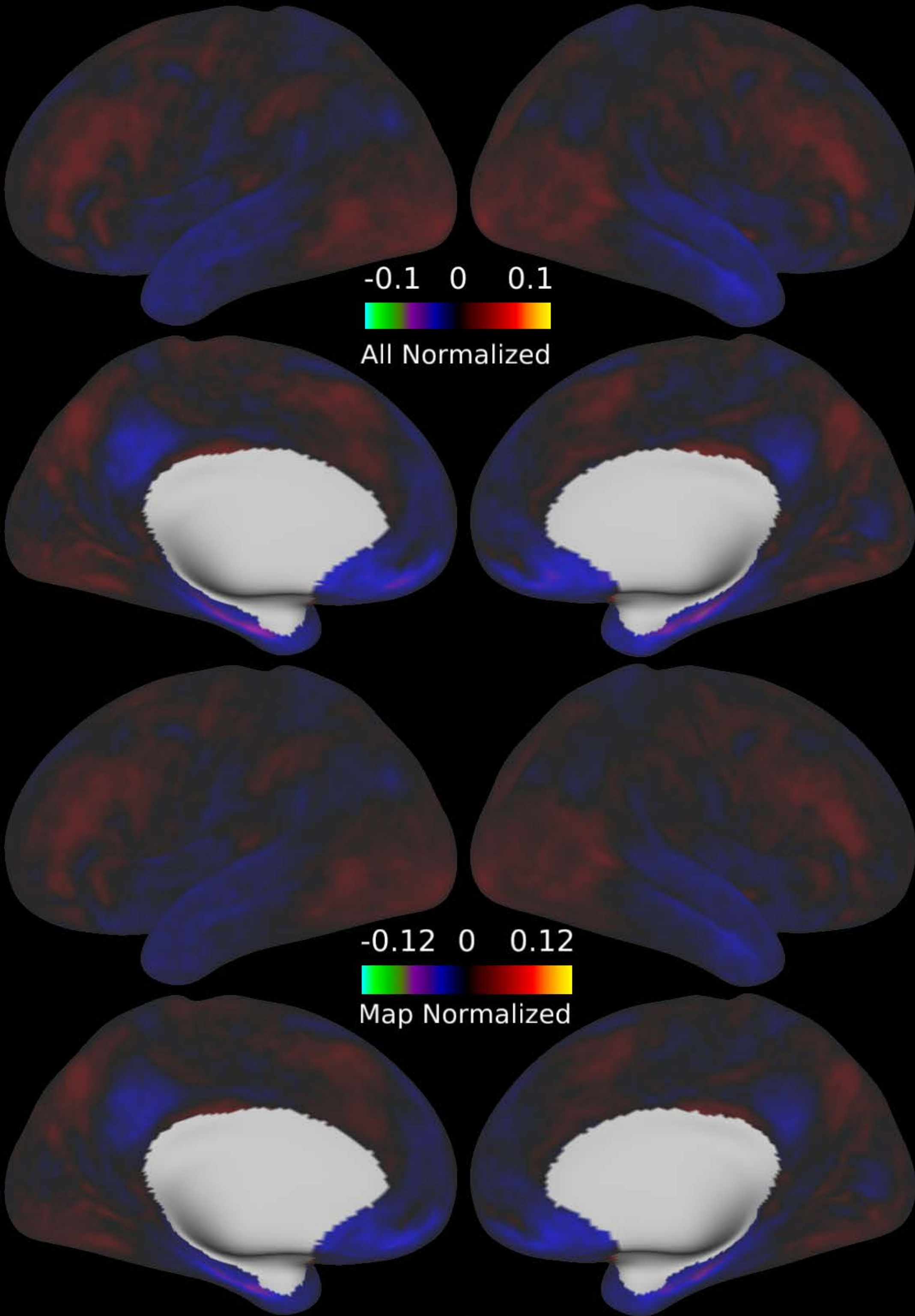


Seconds

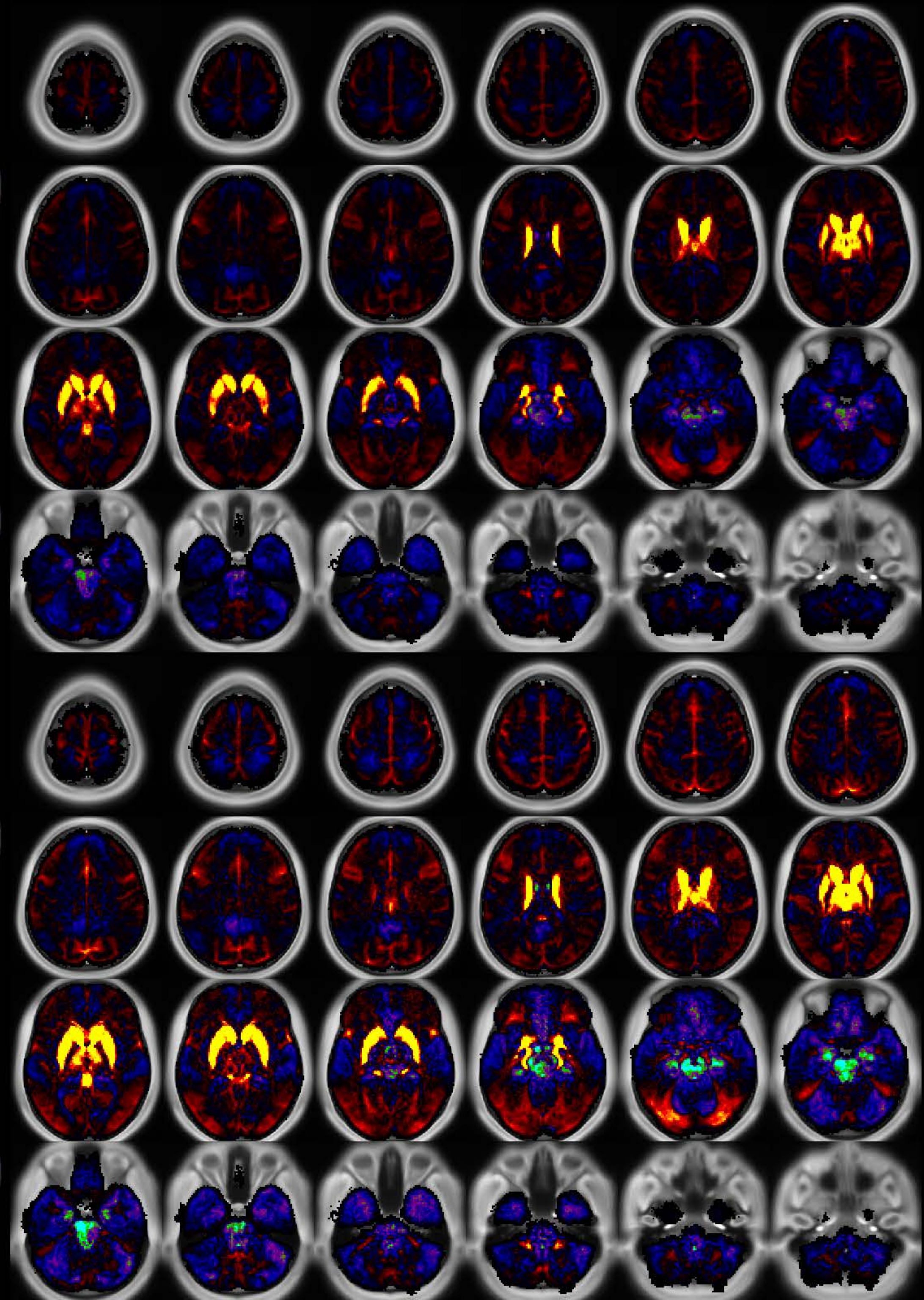


Number & Class: 35 Signal		Name: Motor and Sensory Association	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.06	Globality Index: 0.39	
Task Component: No	Rest Component: 54	Task Modulated: No	

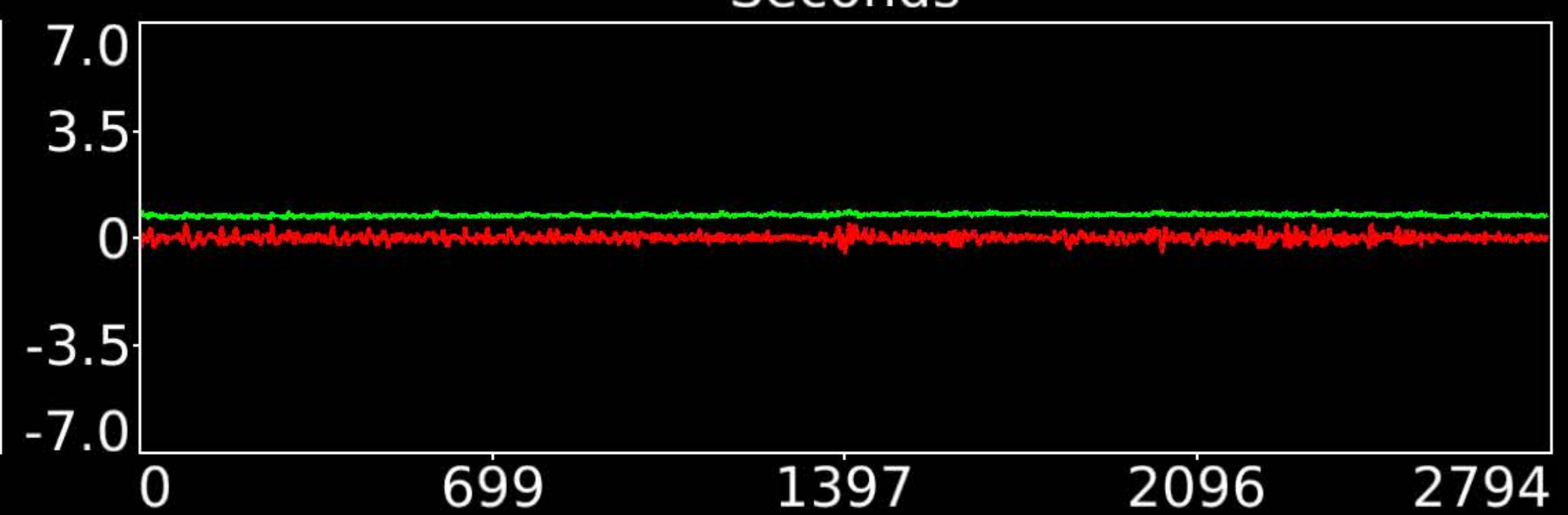
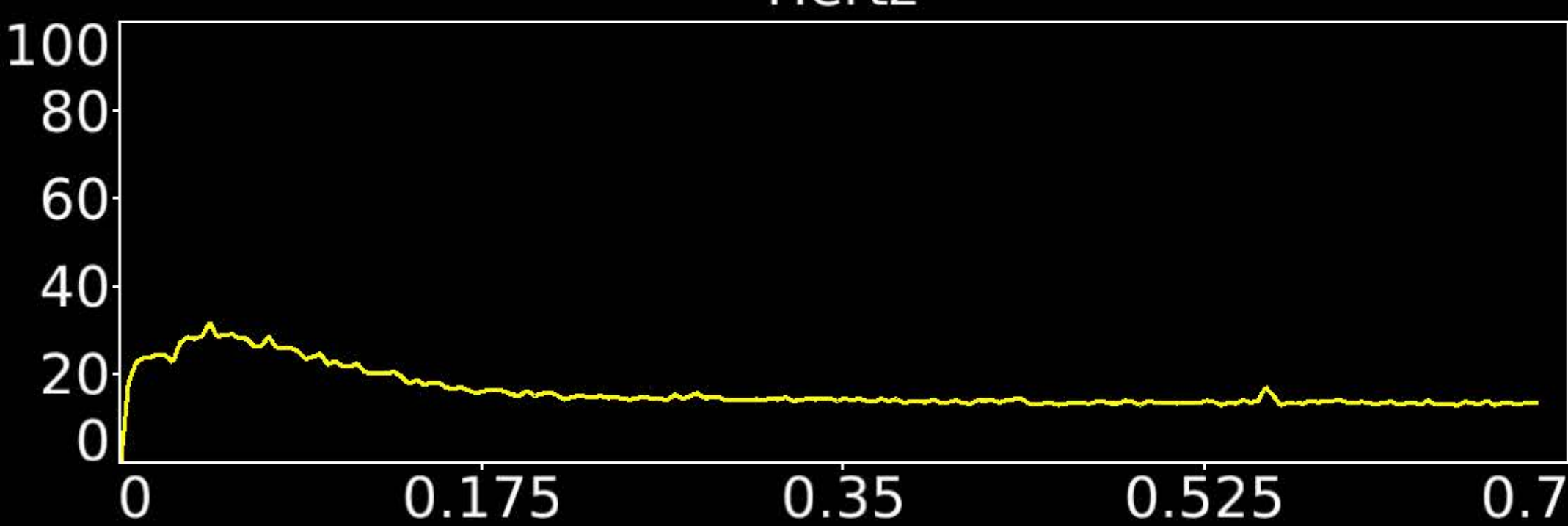
Rationale: Spatial map includes positive and negative patches that respect known areal boundaries (e.g. 4 and 1)



Hertz

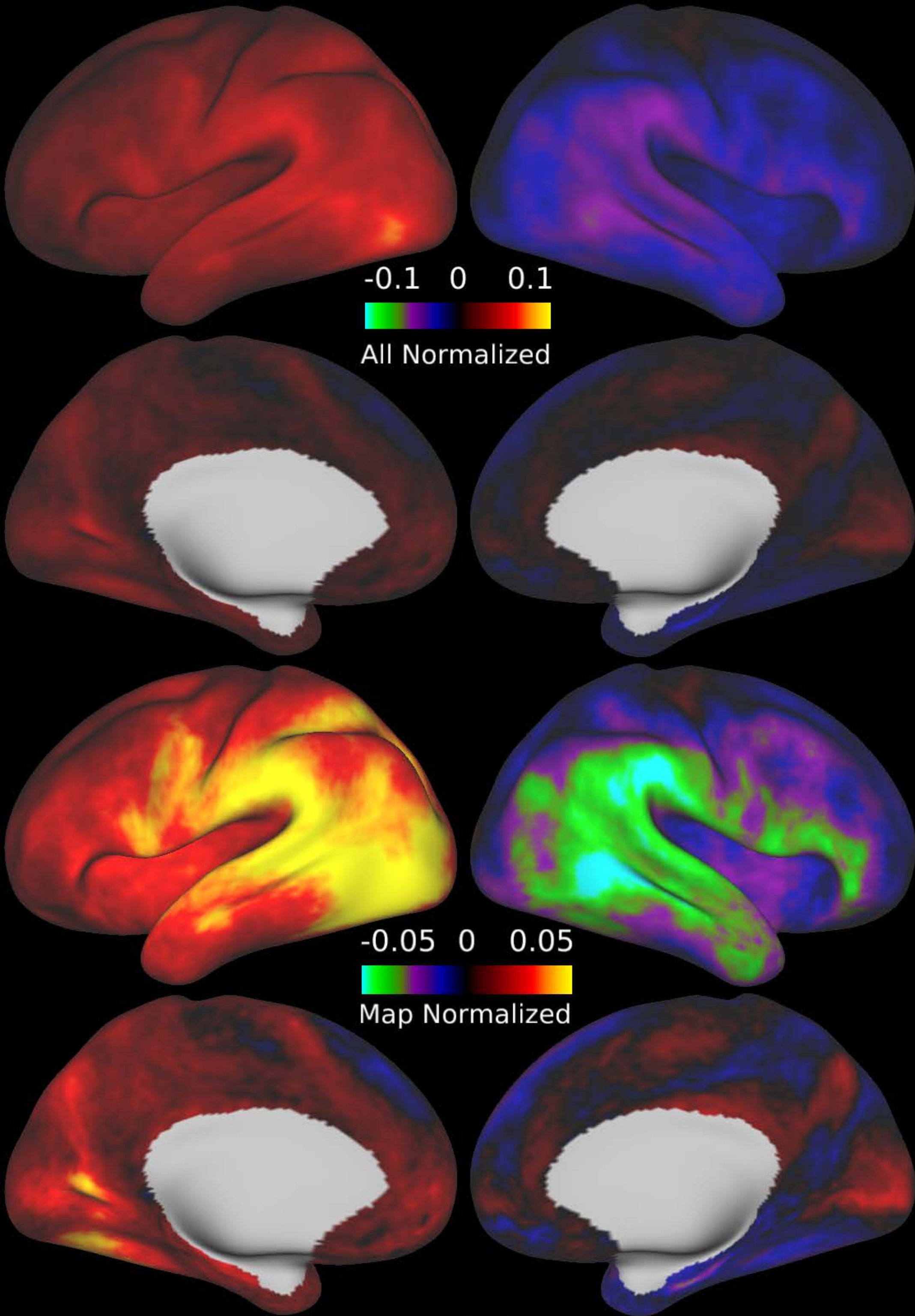


Seconds

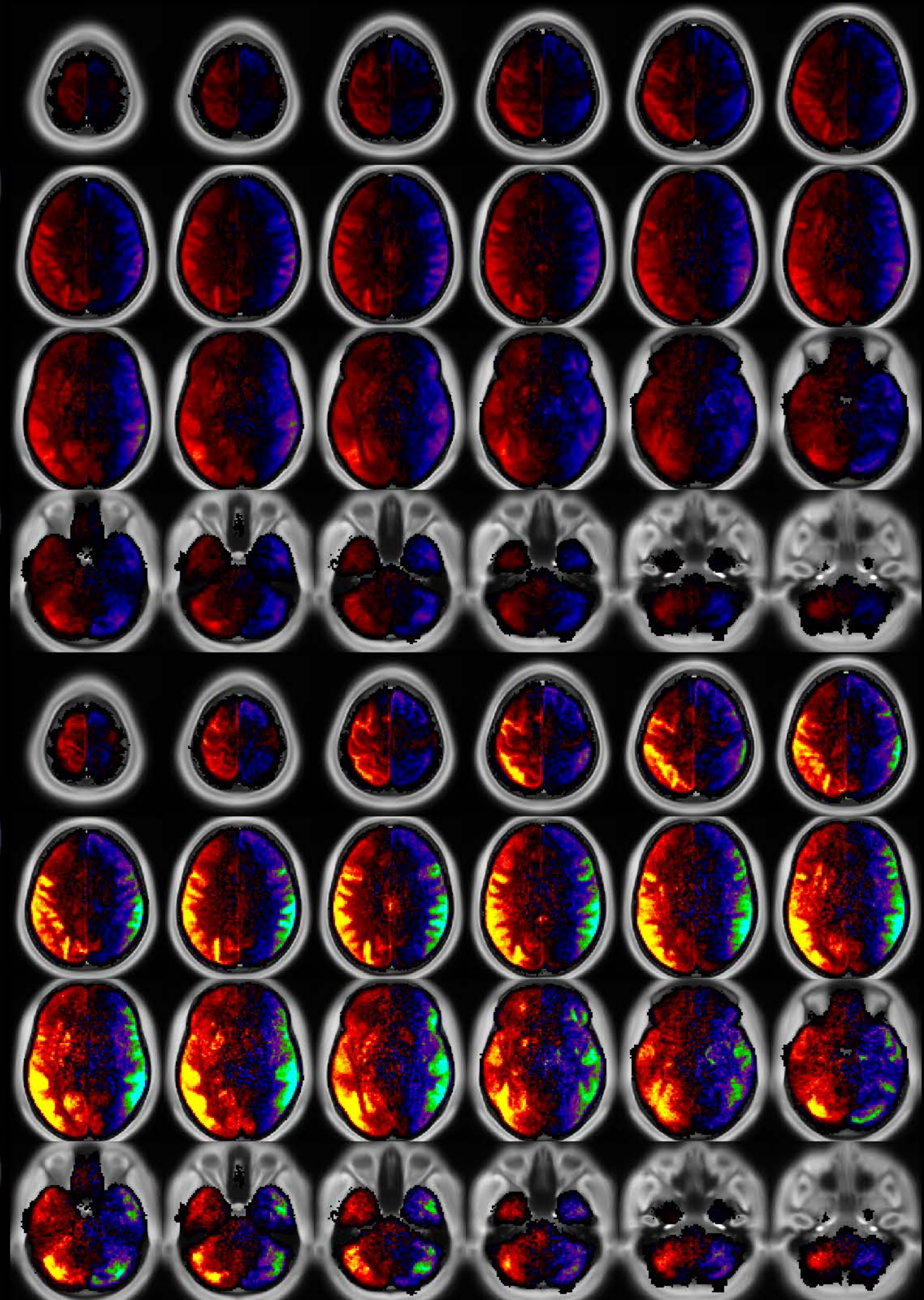


Number & Class: 36 Noise		Name: Striatum and Dorsal + Anterior Thalamus + WM	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.04	Globality Index: 0.35	
Task Component: 42	Rest Component: 44	Task Modulated: No	

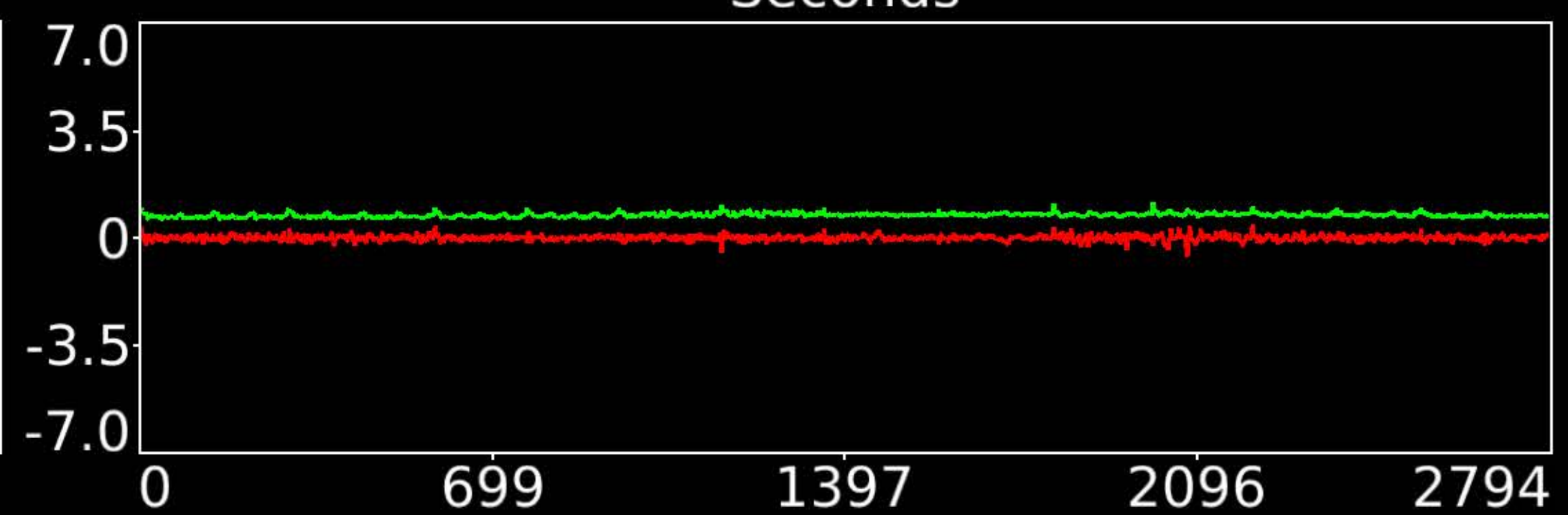
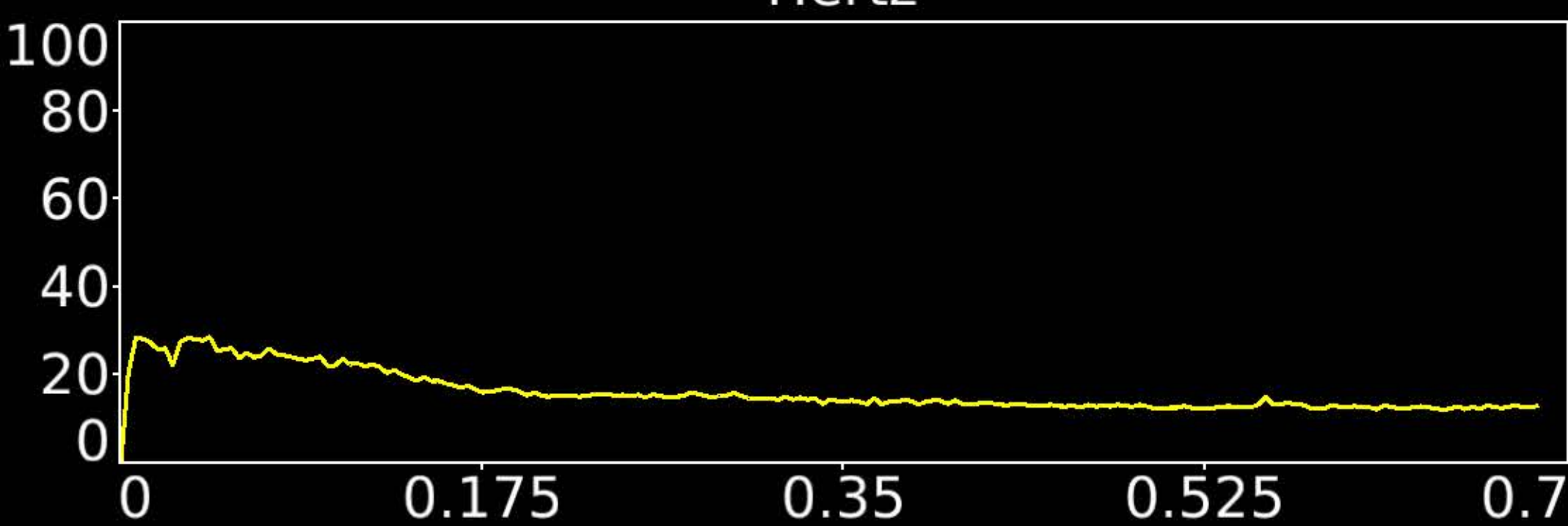
Rationale: Controversial: Diencephalon together with surrounding white matter positive vs rest of brain negative; could be due to differing vascular supplies



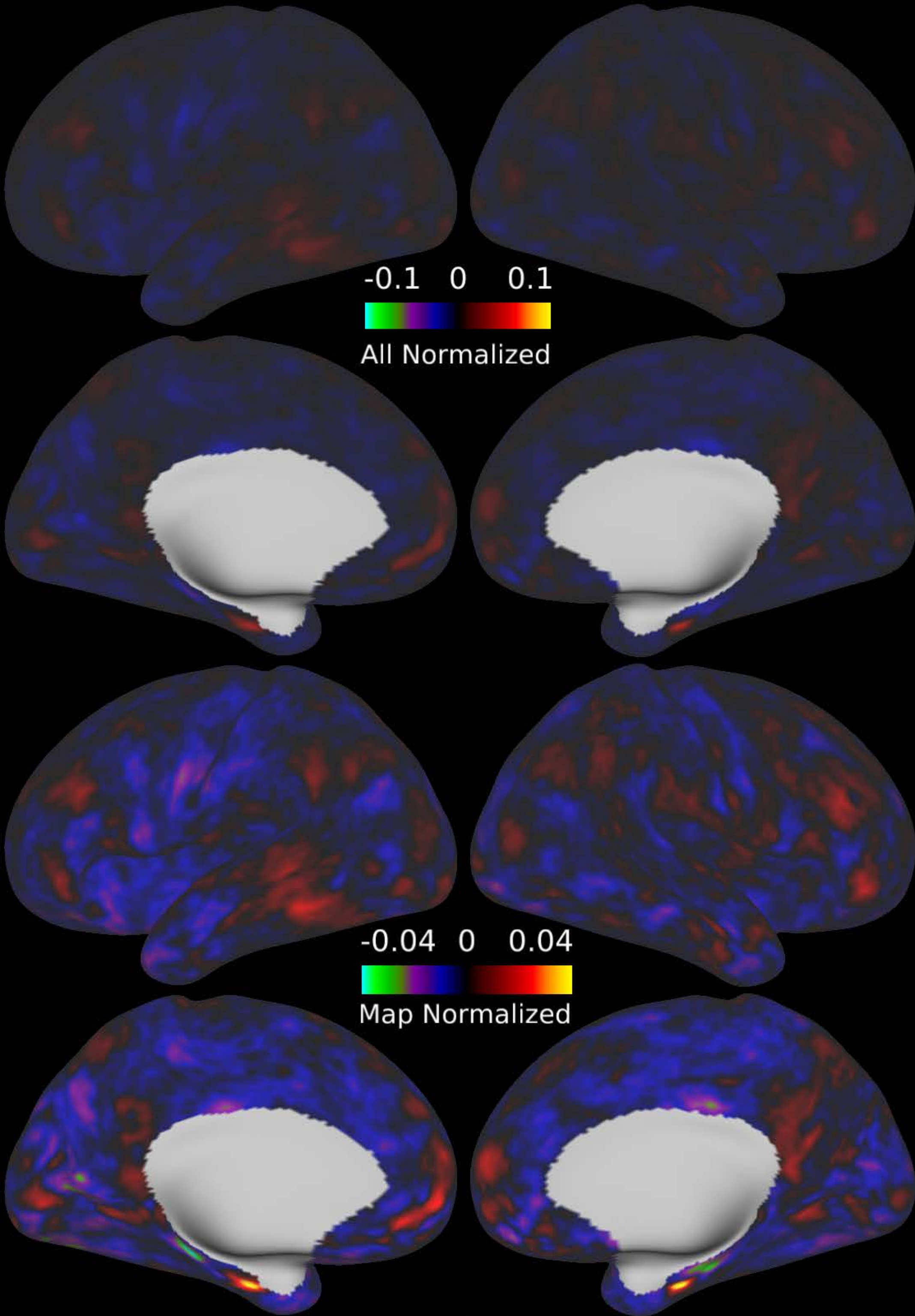
Hertz



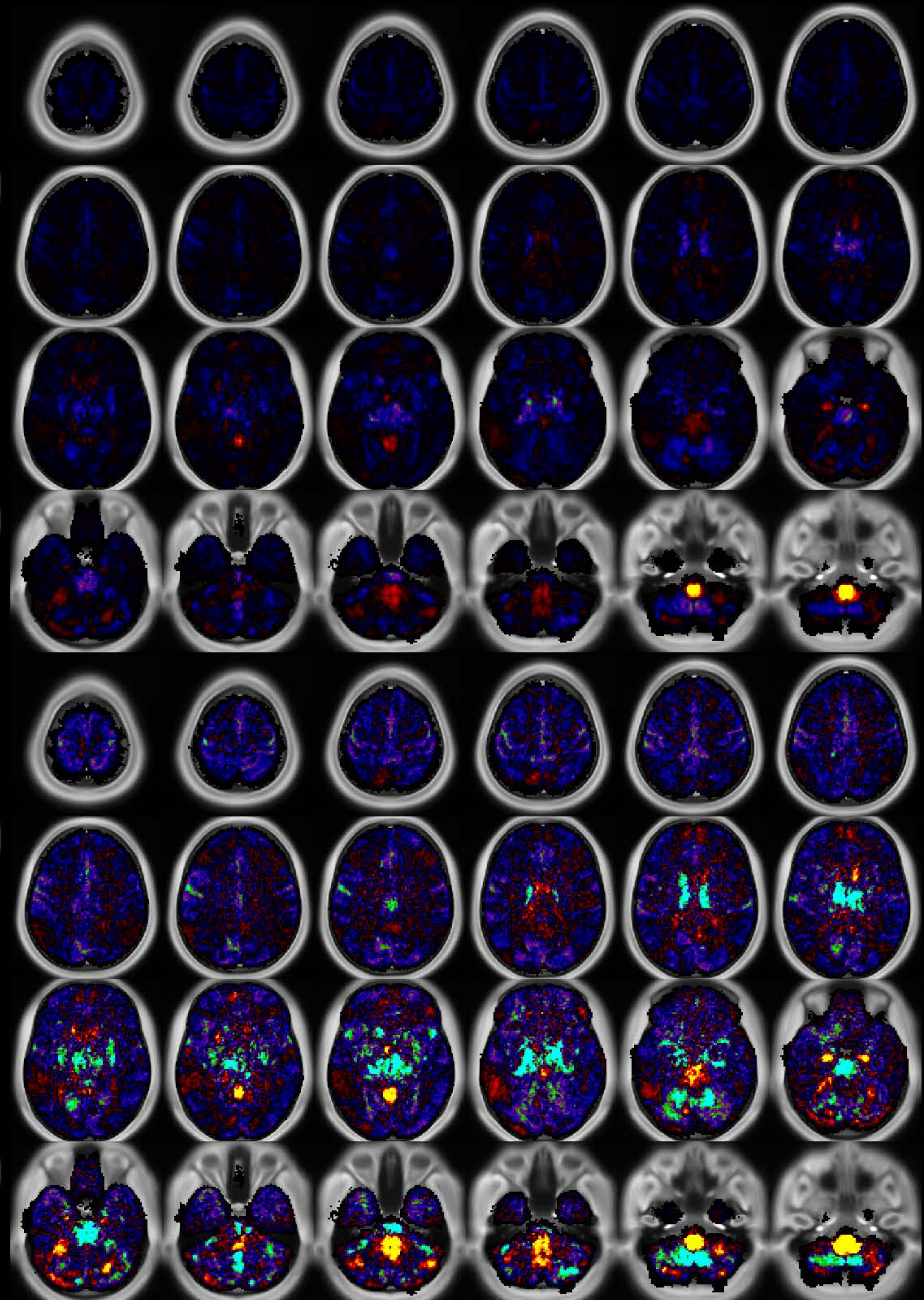
Seconds



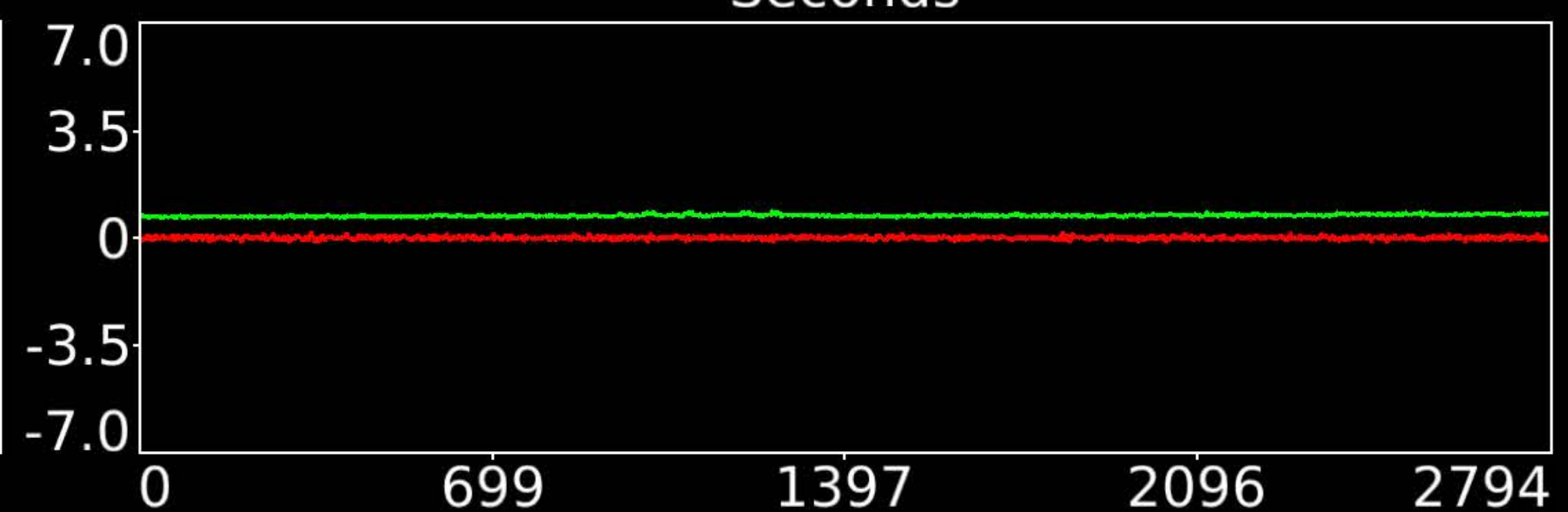
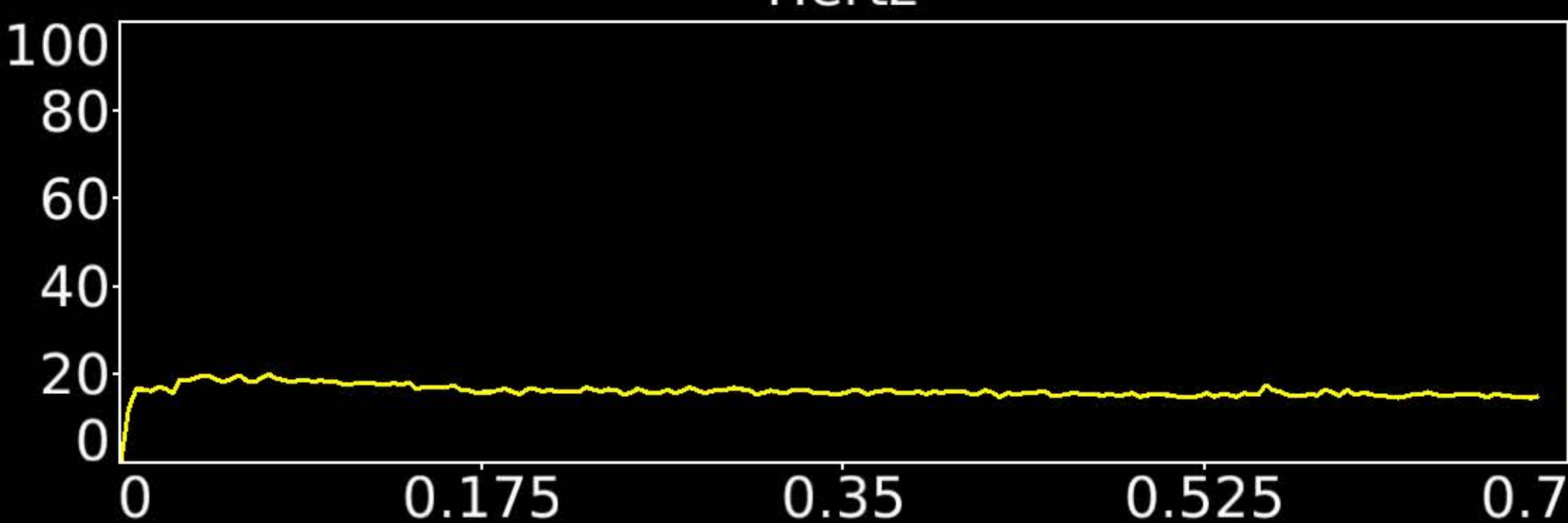
Number & Class: 37 Noise		Name: L>R Movement Artifact	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.05	Globality Index: 0.47	
Task Component: 51	Rest Component: 50	Task Modulated: No	
Rationale: Highly DVARS Dips associated component; looks like movement regressor beta map (Z rotation)			



Hertz

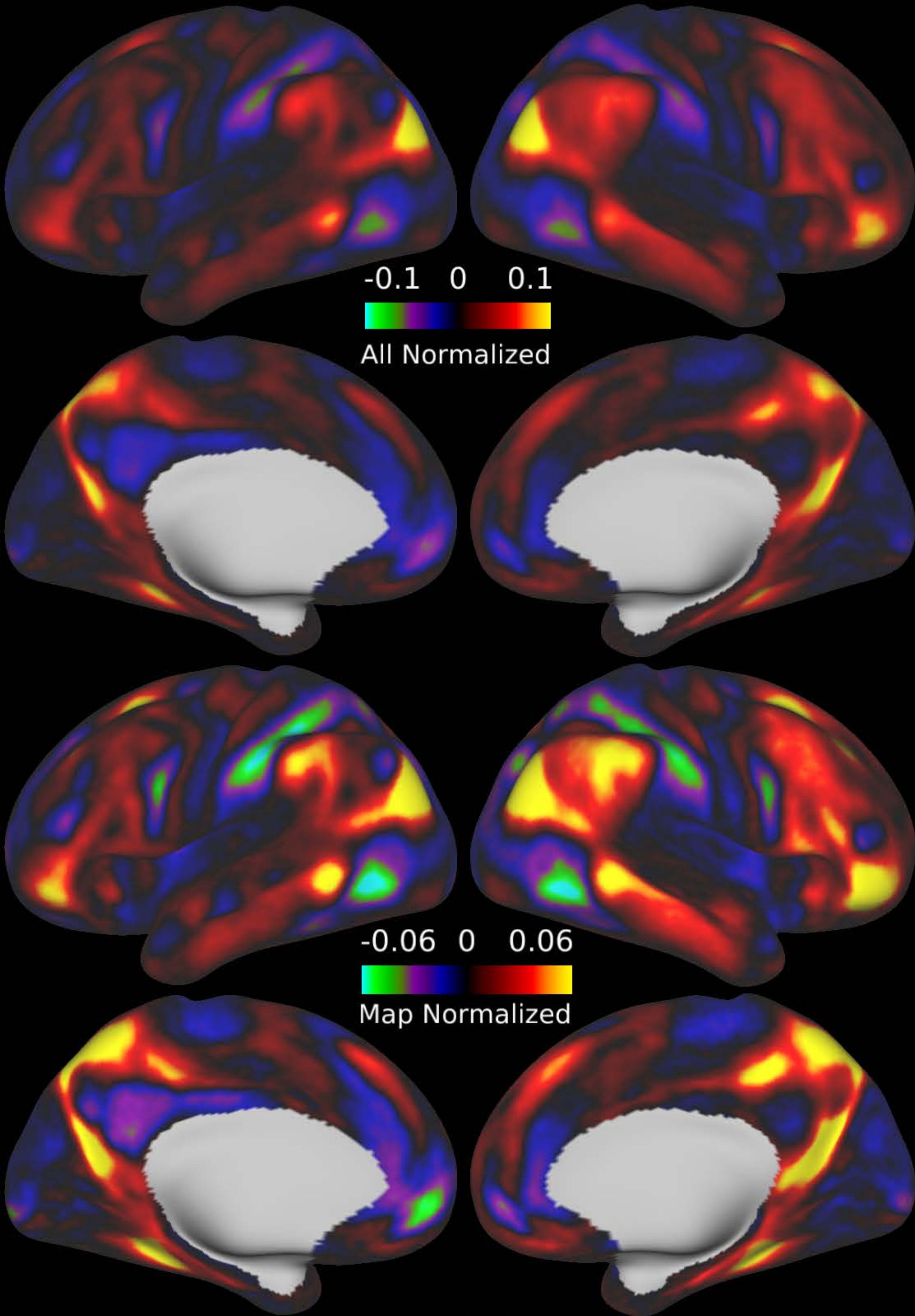


Seconds

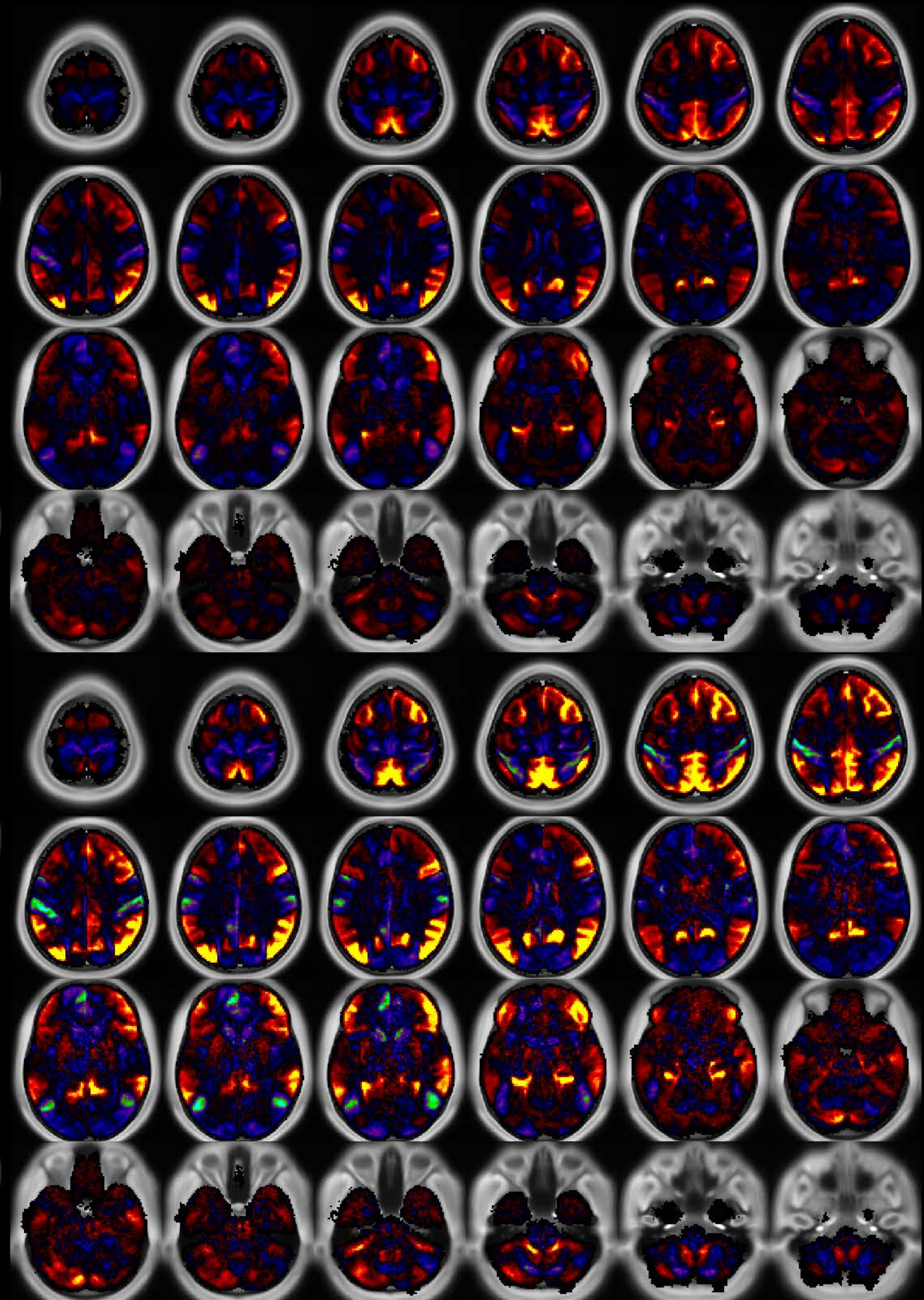


Number & Class: 38 Noise		Name: Medulla Recon Artifact	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: No	% Variance Explained: 1.05	Globality Index: 1.53	
Task Component: 43	Rest Component: 46	Task Modulated: No	

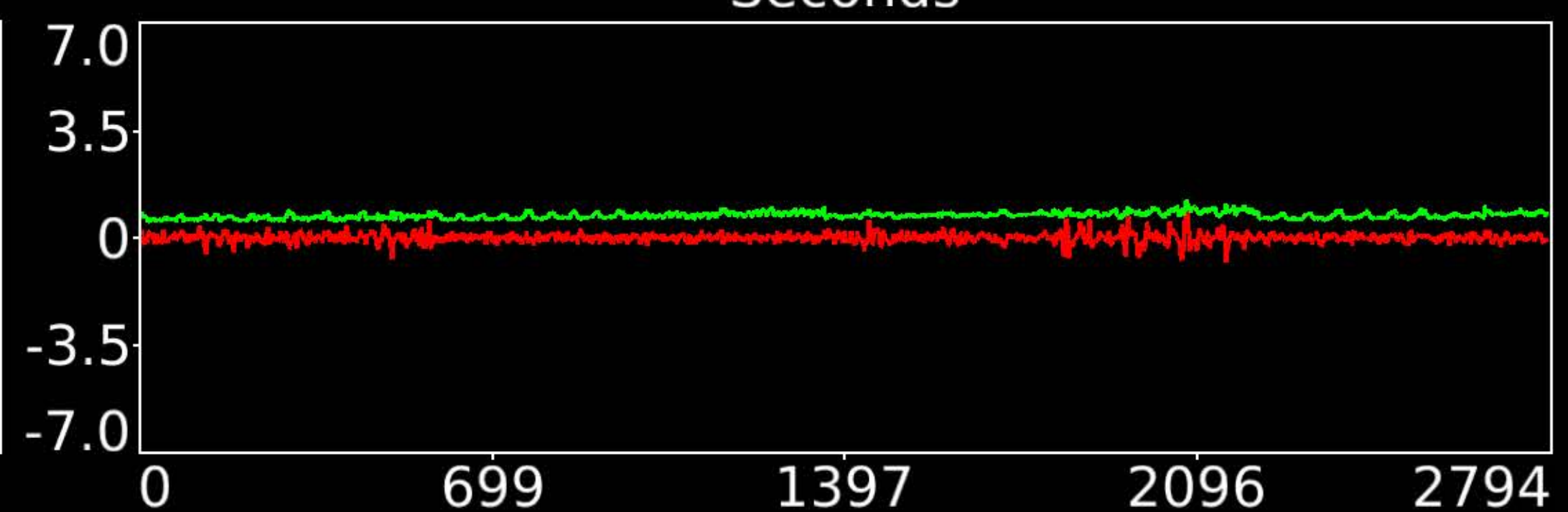
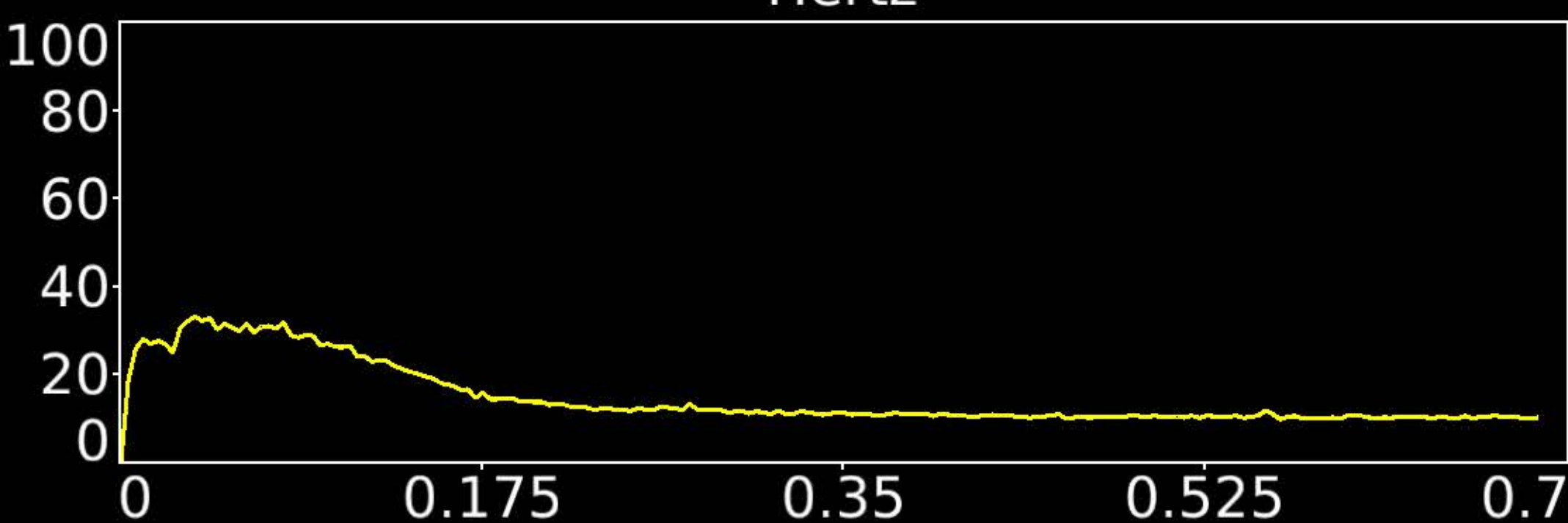
Rationale: Spatial map not reflective of known areas or RSNs without connectivity to other brain structures; some banding in sagittal plane suggestive of multi-band recon



Hertz

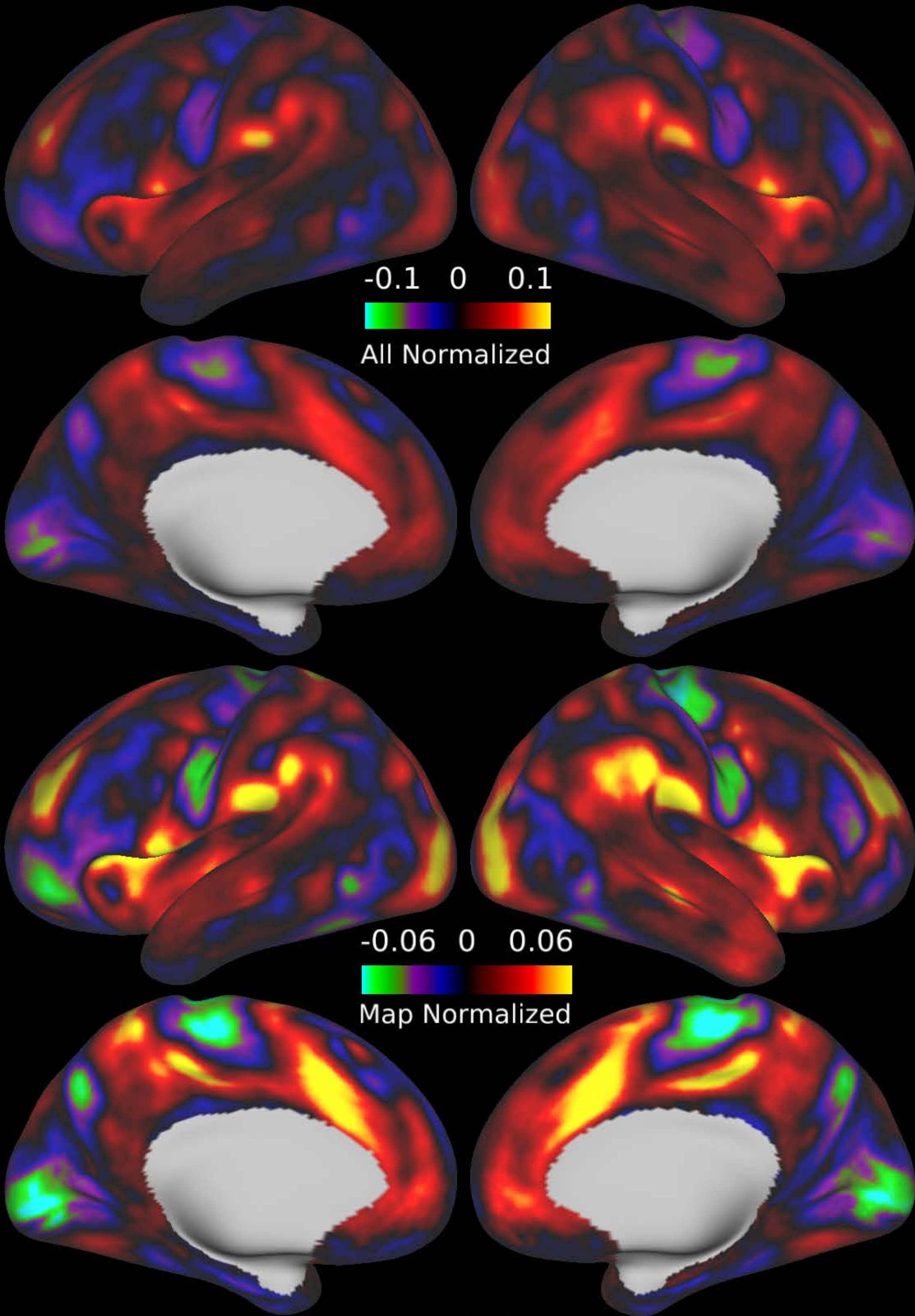


Seconds

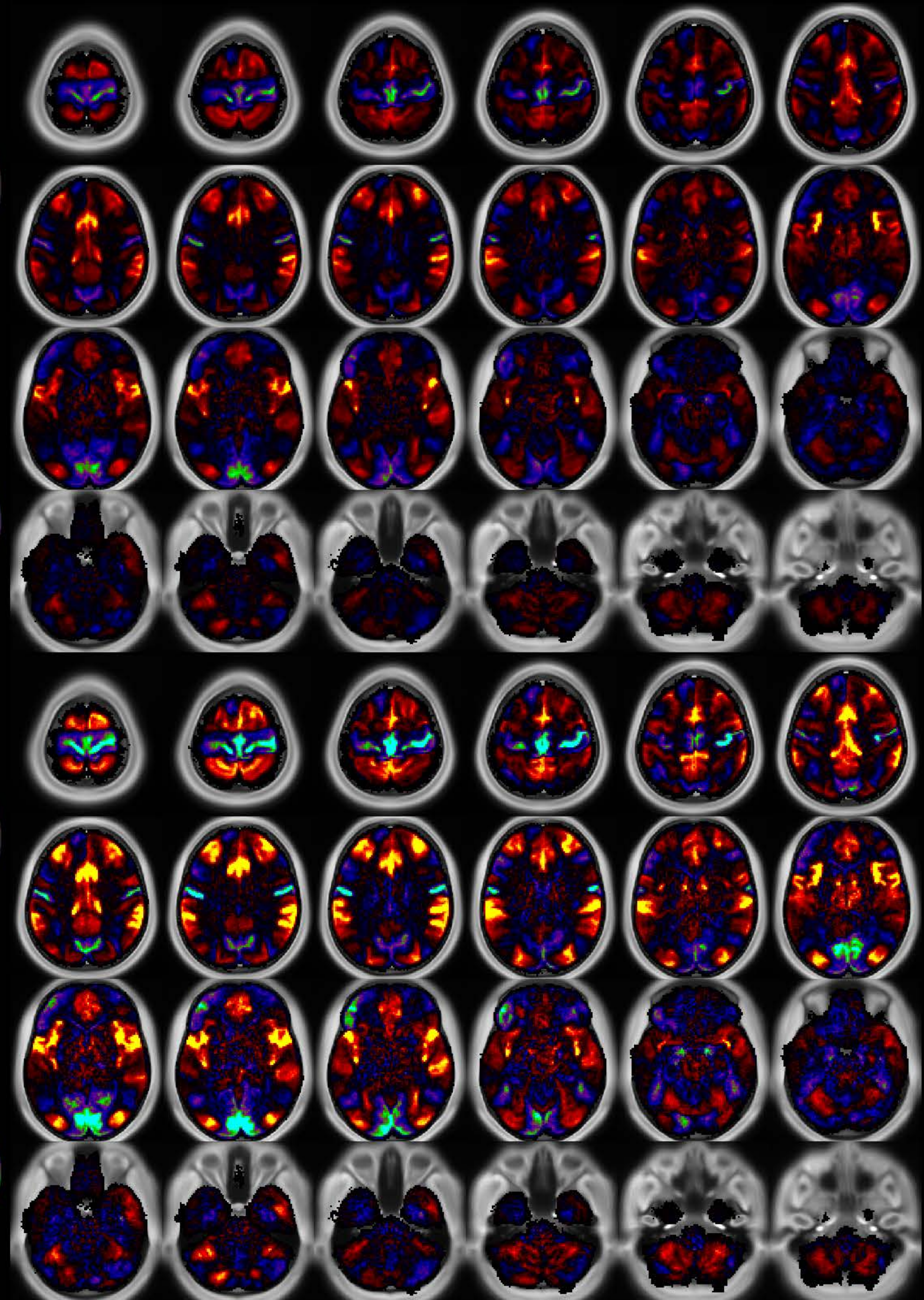


Number & Class: 39 Signal		Name: Parietal Occipital Network (Latest Modularity)	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 1.03	Globality Index: 0.43	
Task Component: No	Rest Component: 32	Task Modulated: No	

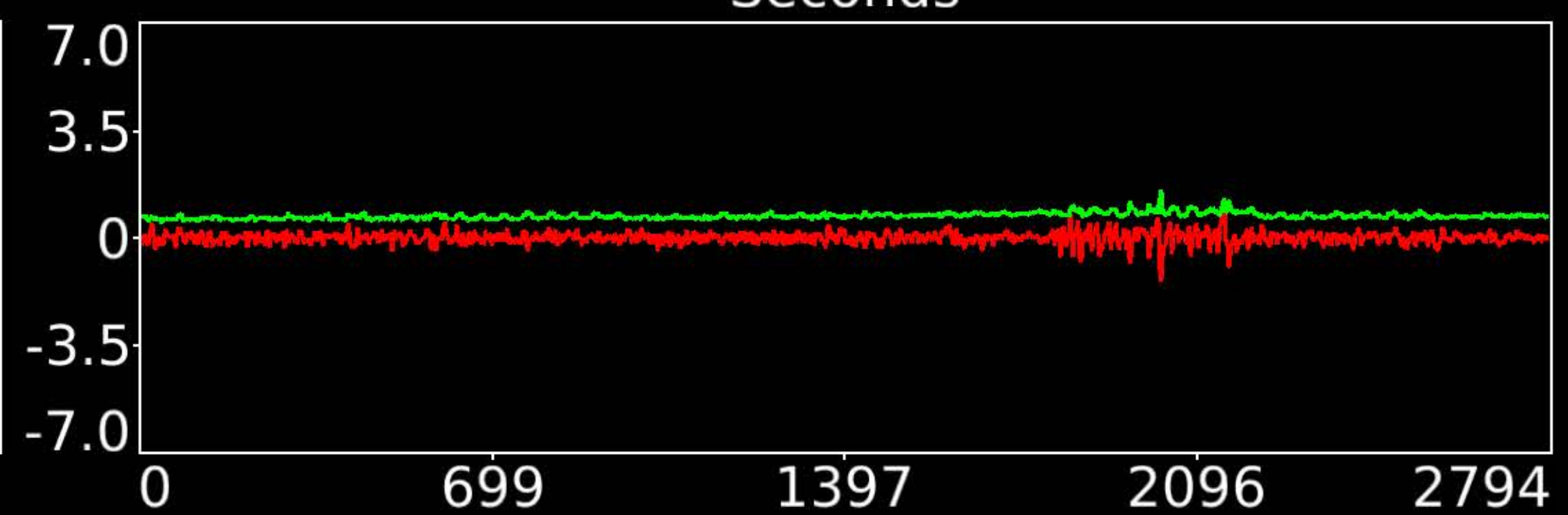
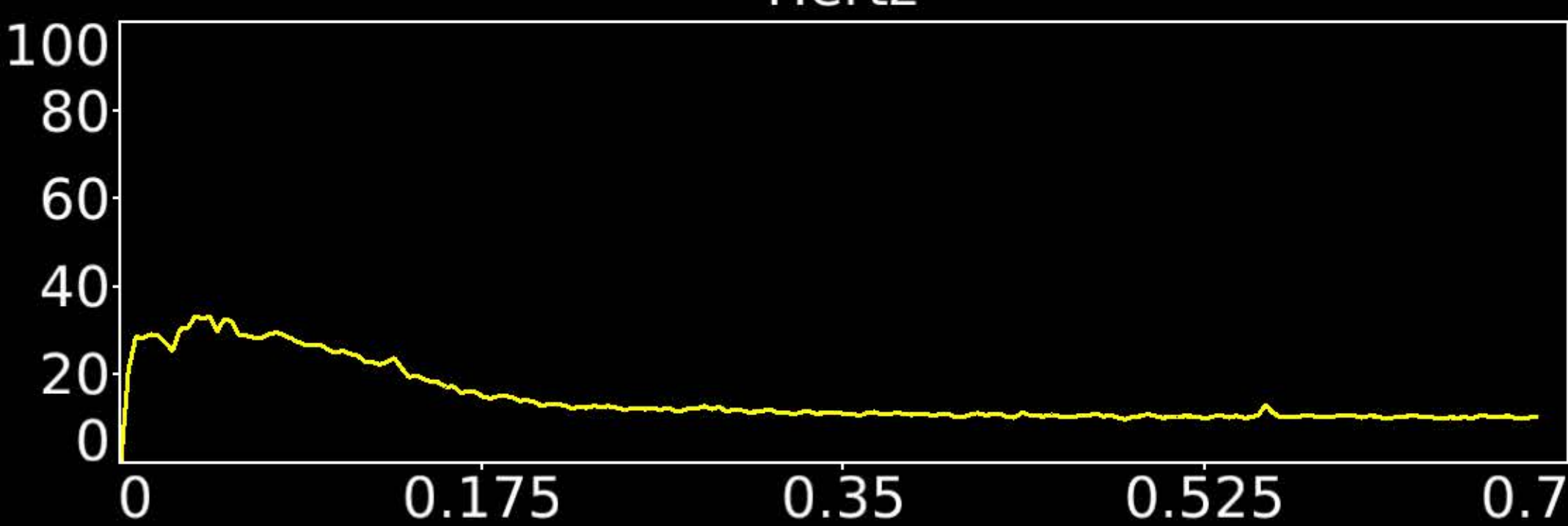
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Fronto-Parietal Network)



Hertz

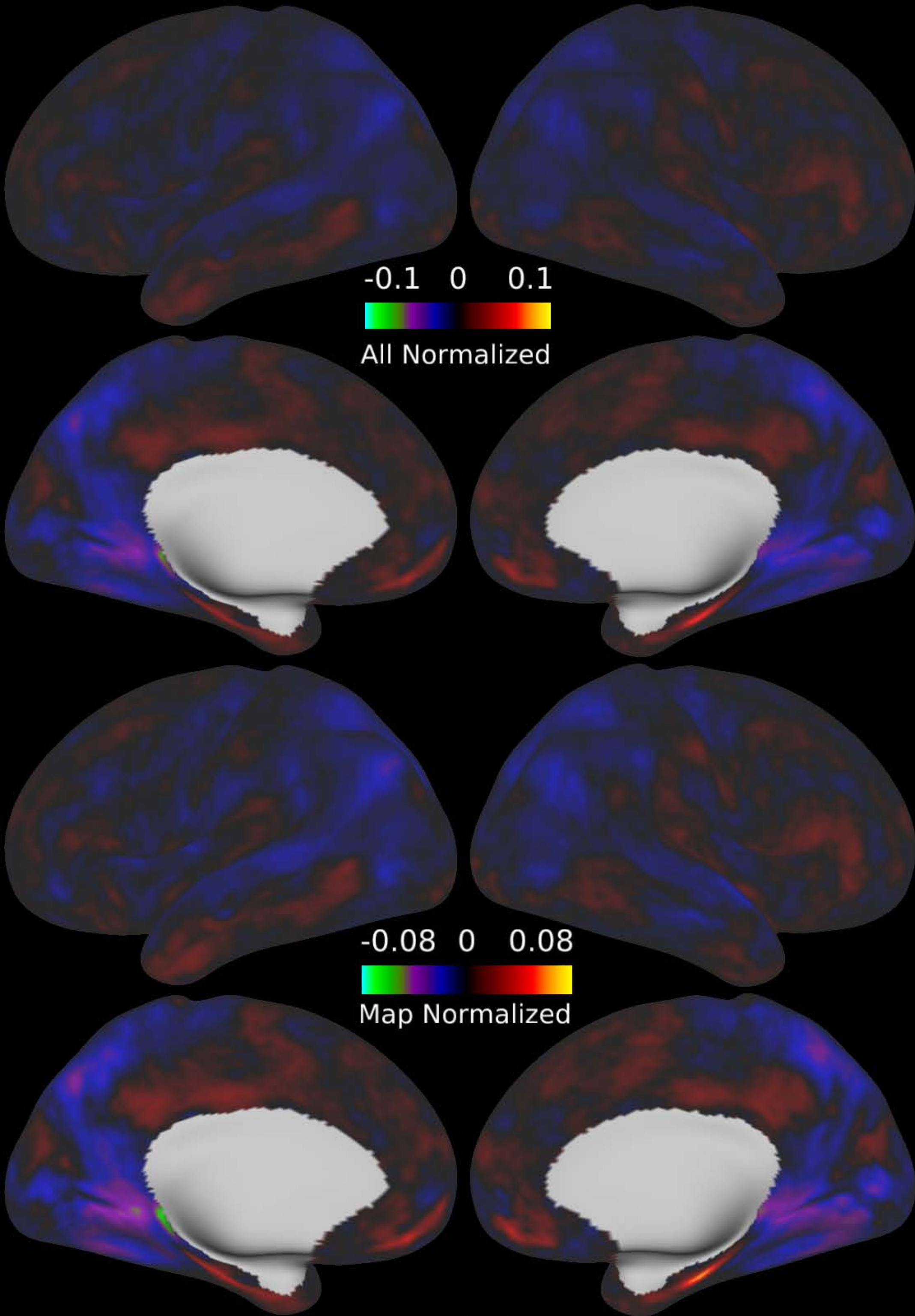


Seconds

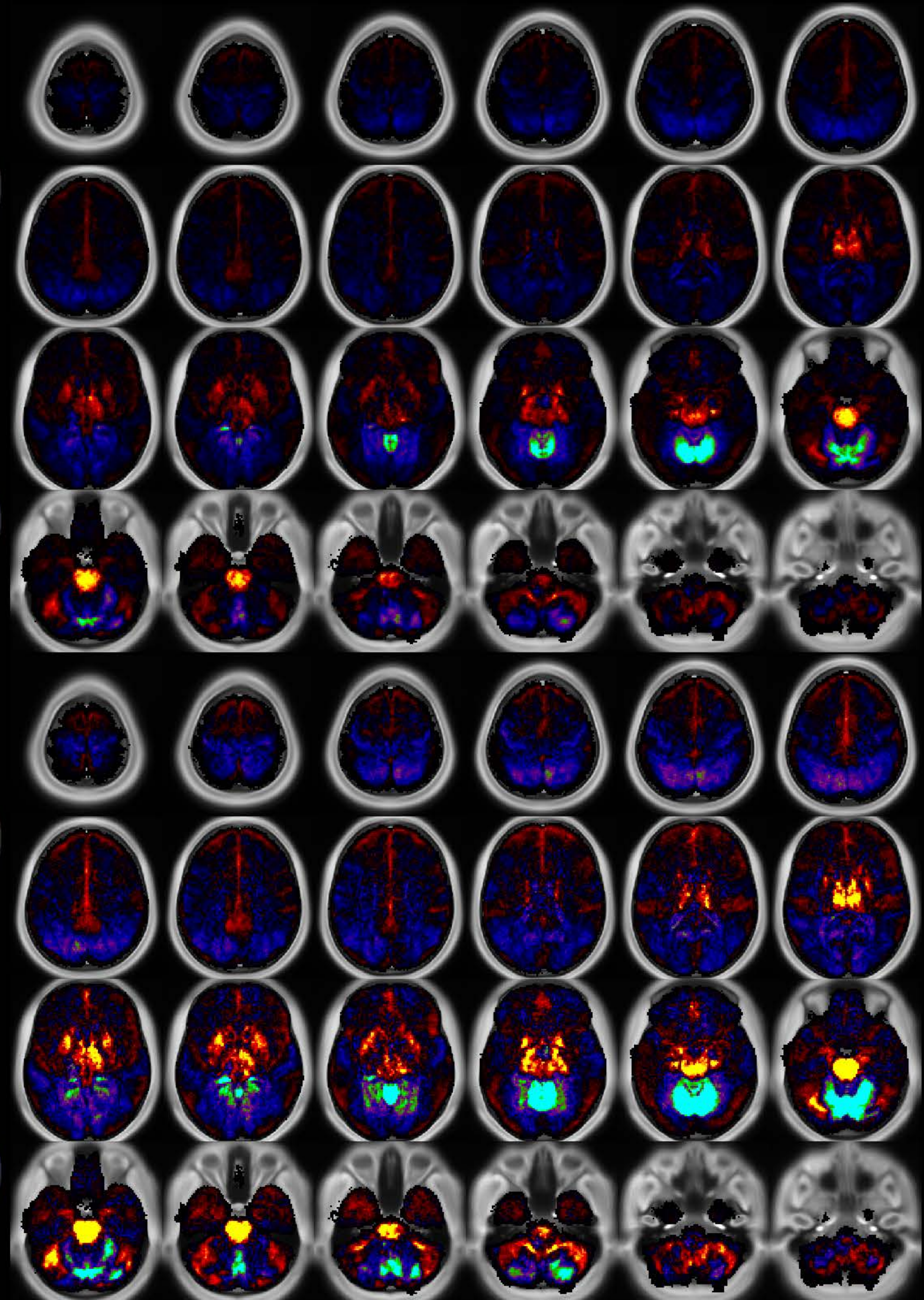


Number & Class: 40 Signal		Name: Cingular-Opercular-Like	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.99	Globality Index: 0.55	
Task Component: No	Rest Component: No	Task Modulated: No	

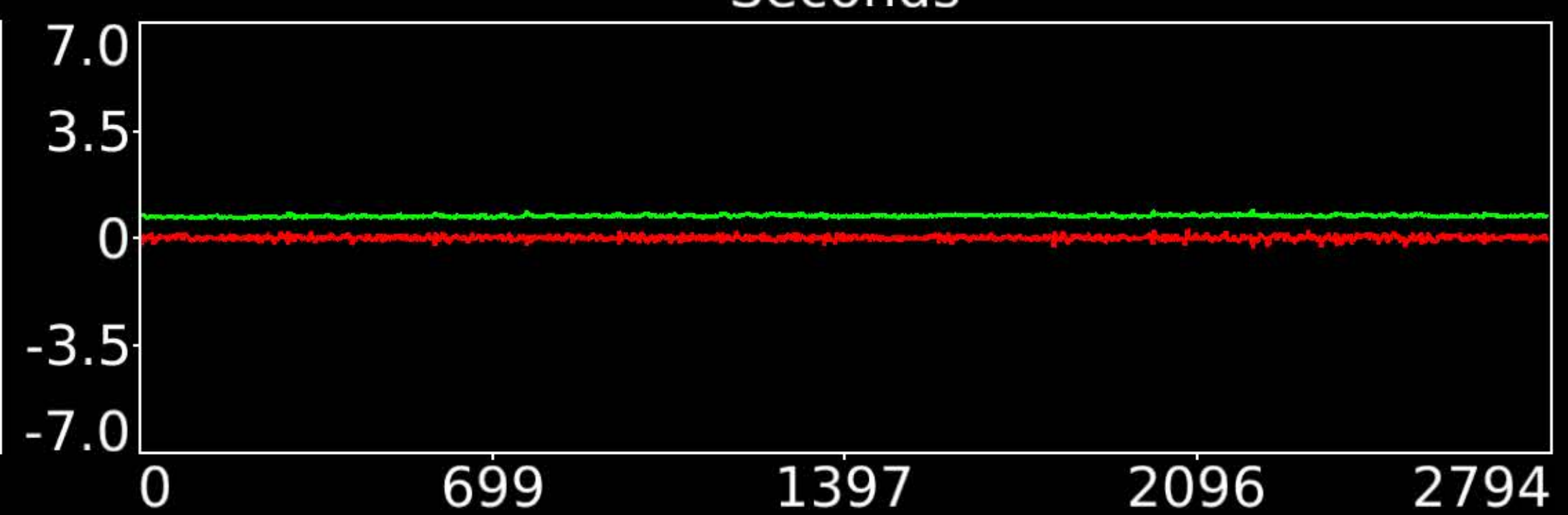
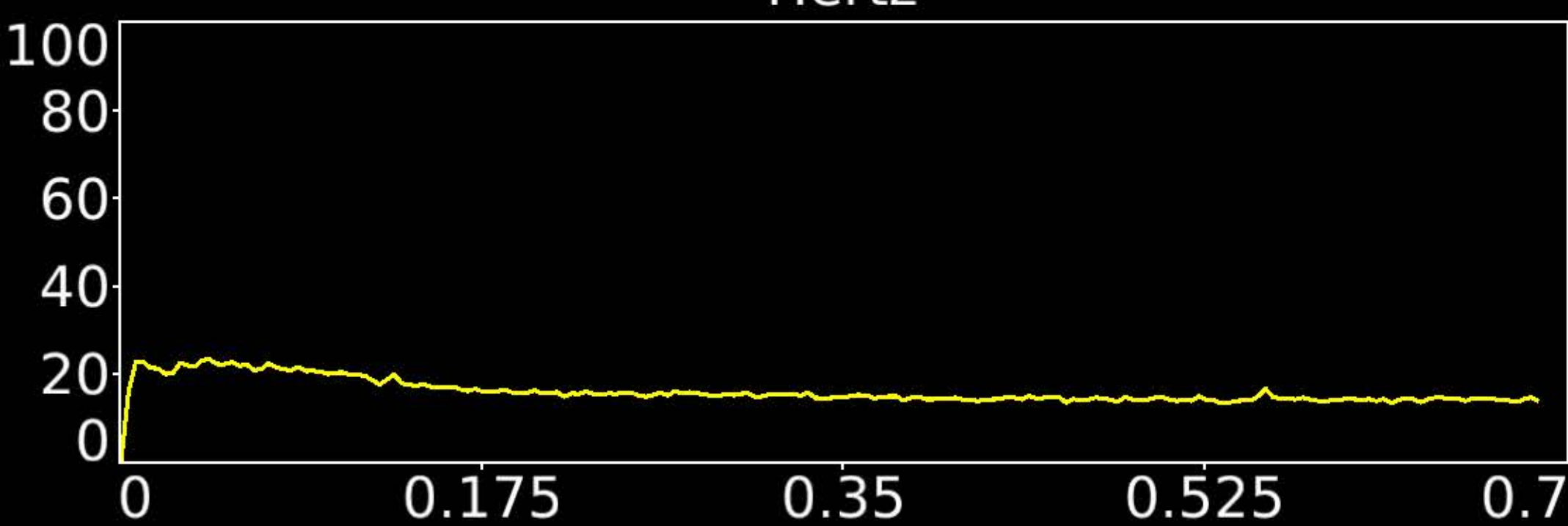
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Cingulo-Opercular Network)



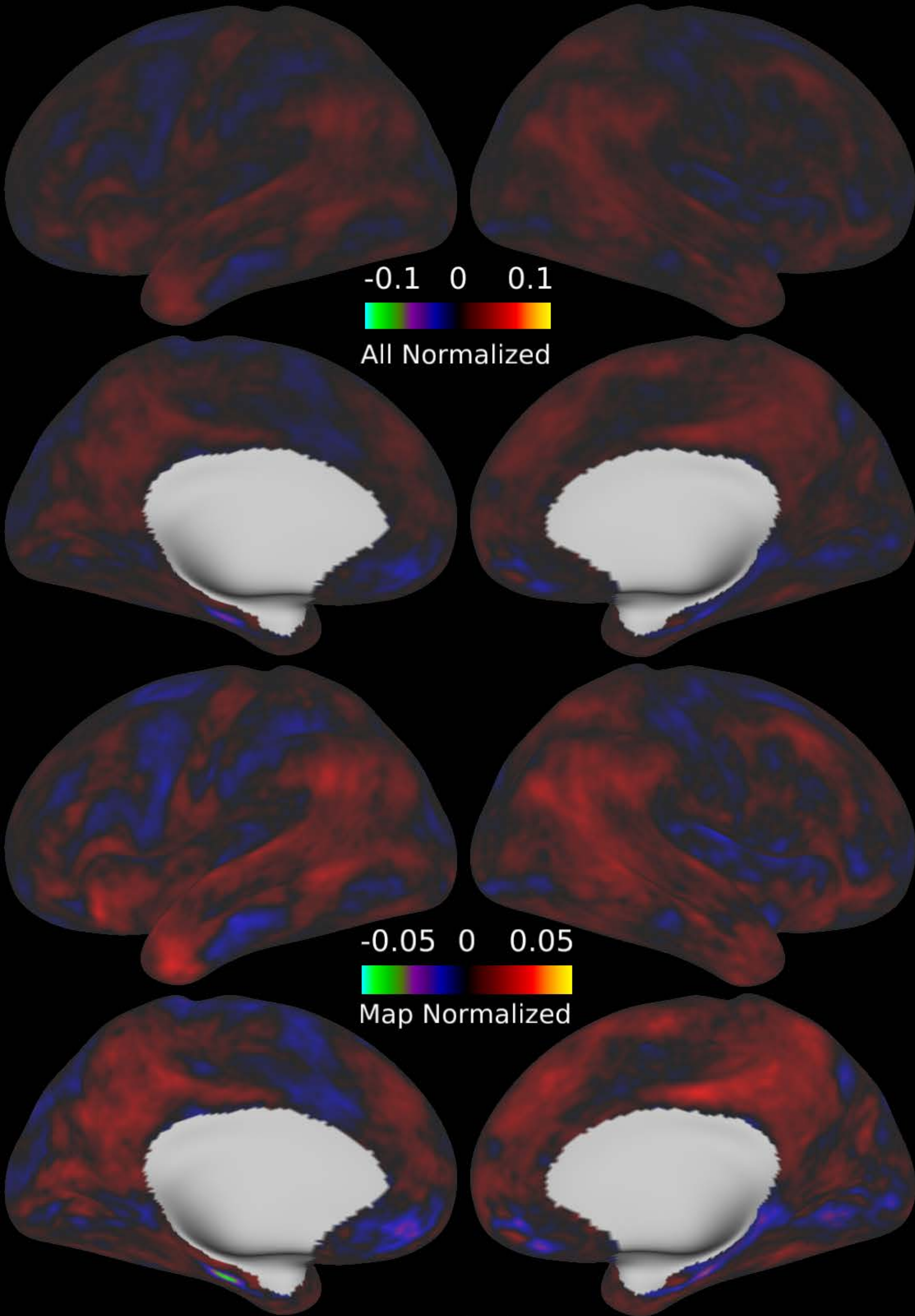
Hertz



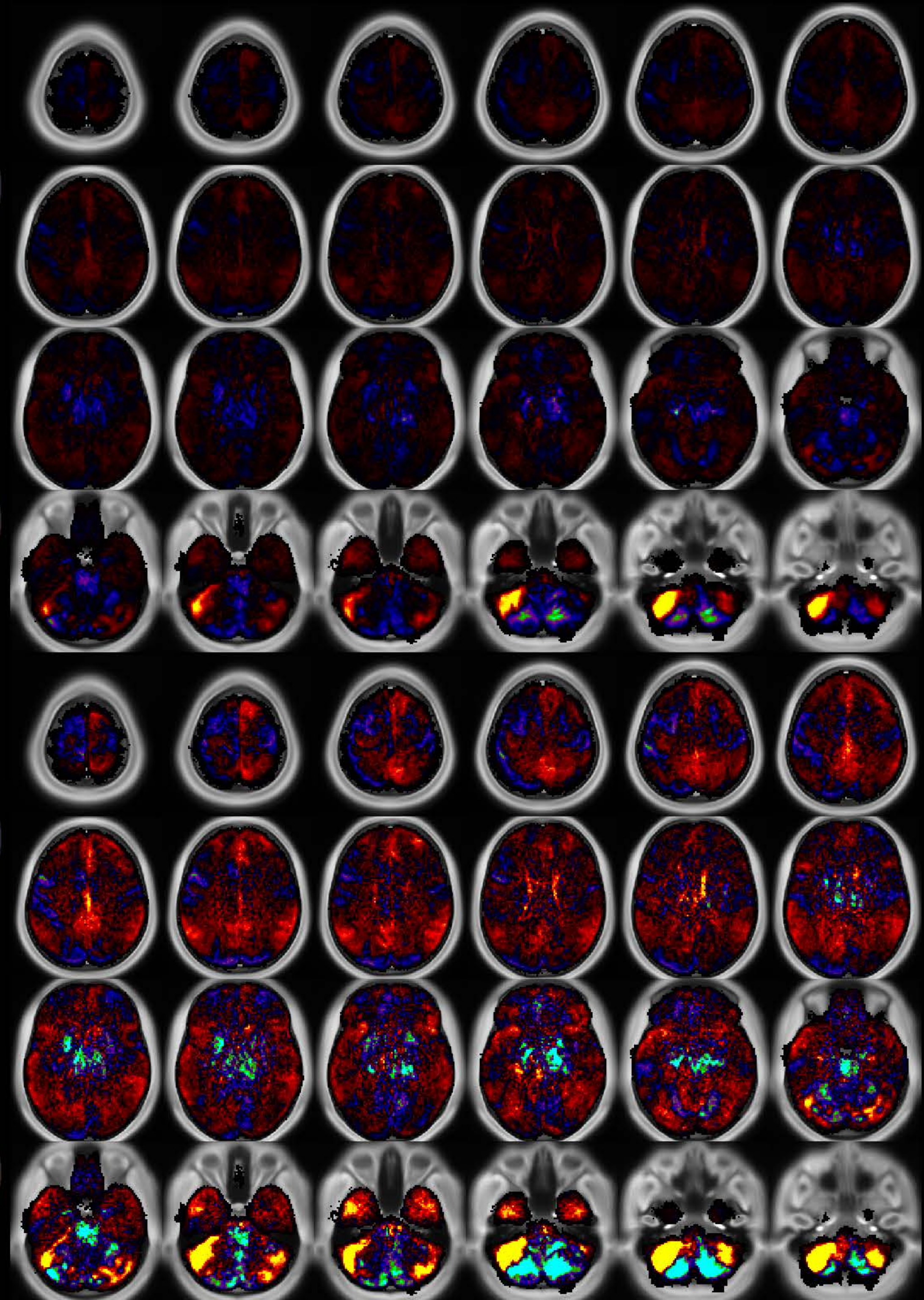
Seconds



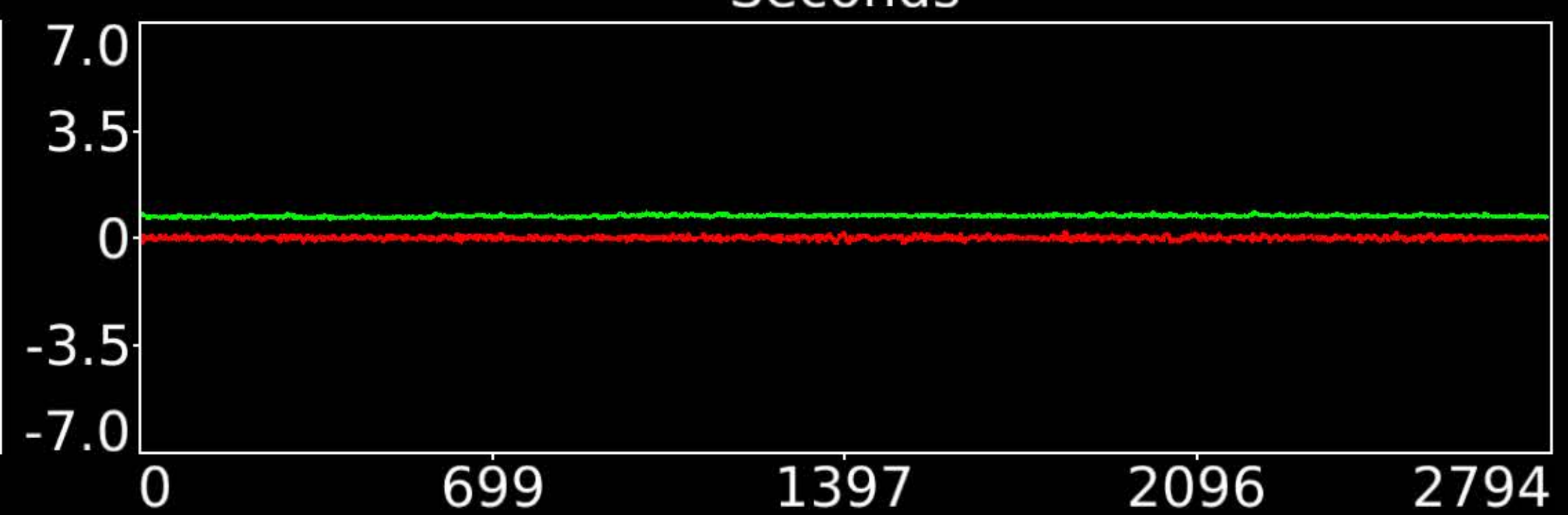
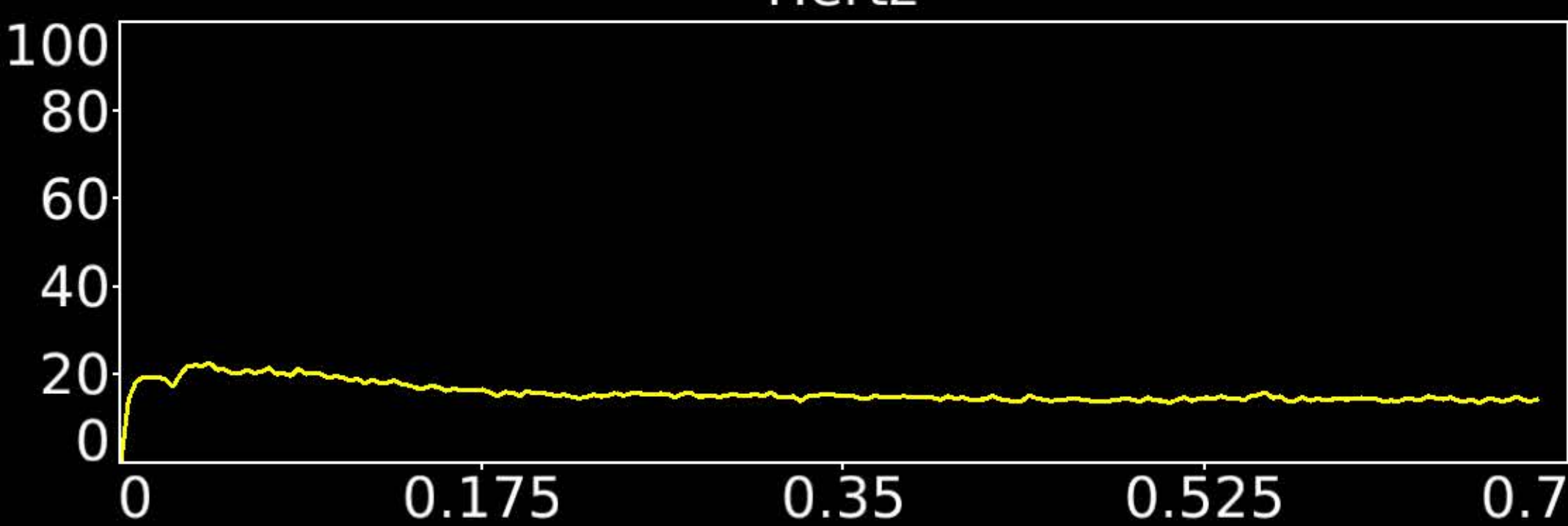
Number & Class: 41 Noise		Name: Pons + Thalamus > Superior Cerebellum	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.97	Globality Index: 0.33	
Task Component: 45	Rest Component: No	Task Modulated: No	
Rationale: Spatial map not reflective of known areas or RSNs			



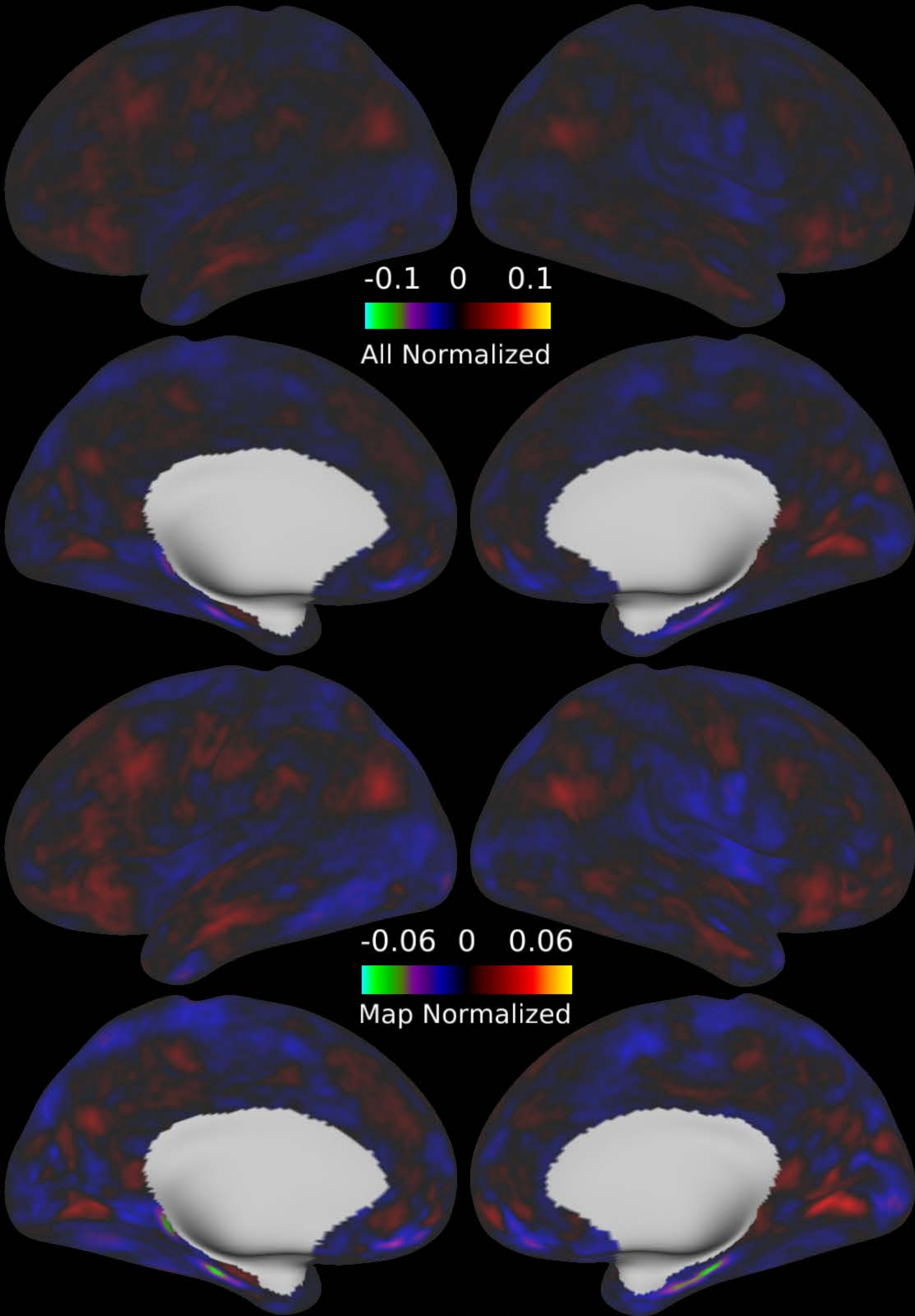
Hertz



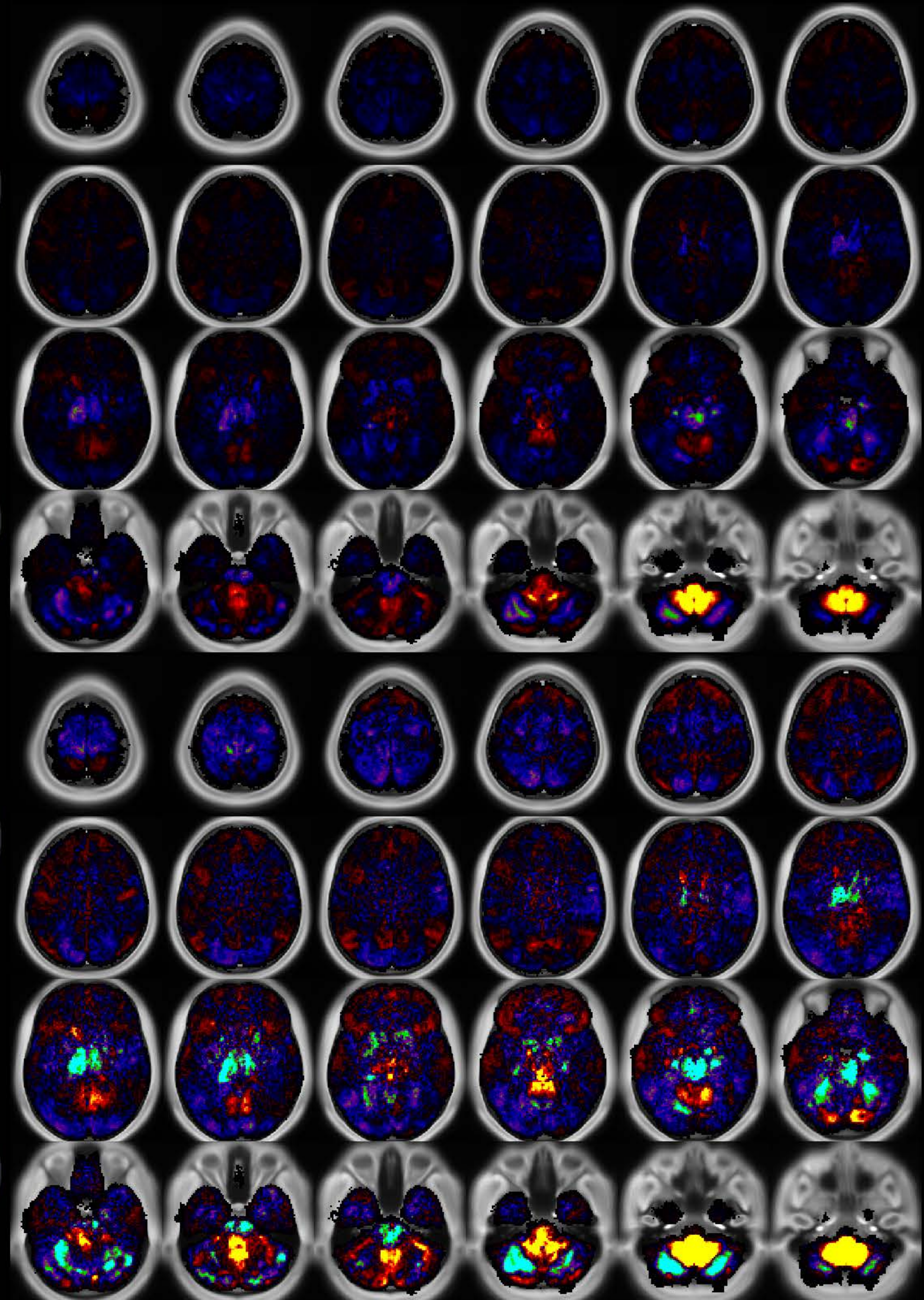
Seconds



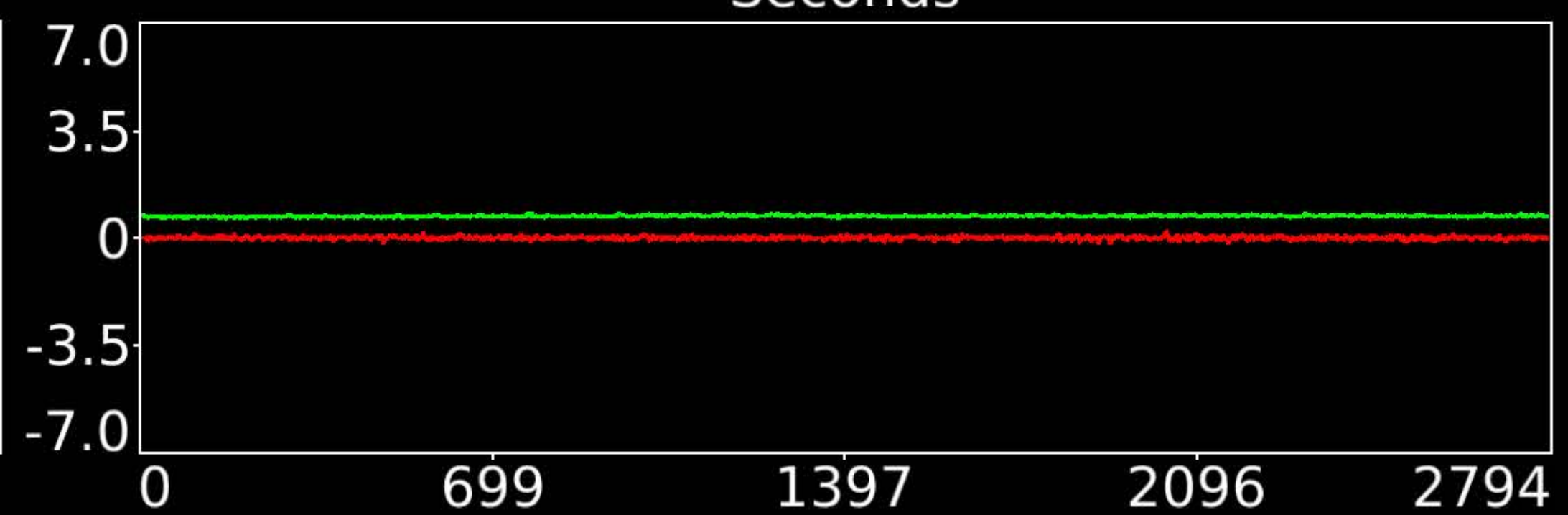
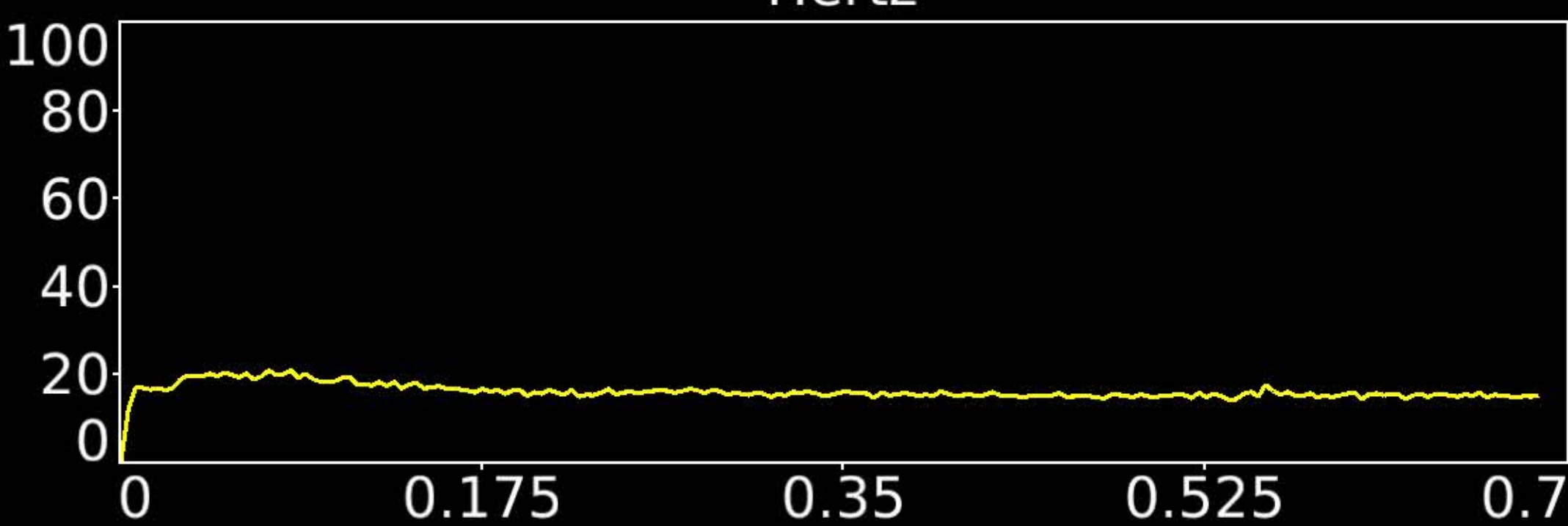
Number & Class: 42 Noise		Name: L Cerebellum Near Sigmoid Sinus	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: Yes	% Variance Explained: 0.97	Globality Index: 0.55	
Task Component: 46	Rest Component: No	Task Modulated: No	
Rationale: Single subject component not reflective of known areas or RSNs			



Hertz



Seconds



Number & Class: 43 Noise

Name: Cerebellar + Brainstem Recon Artifact

RVT Correlated: No

DVARS Dip Associated: No

Cross-Subject Variable: No

Single Subject: Yes

% Variance Explained: 0.96

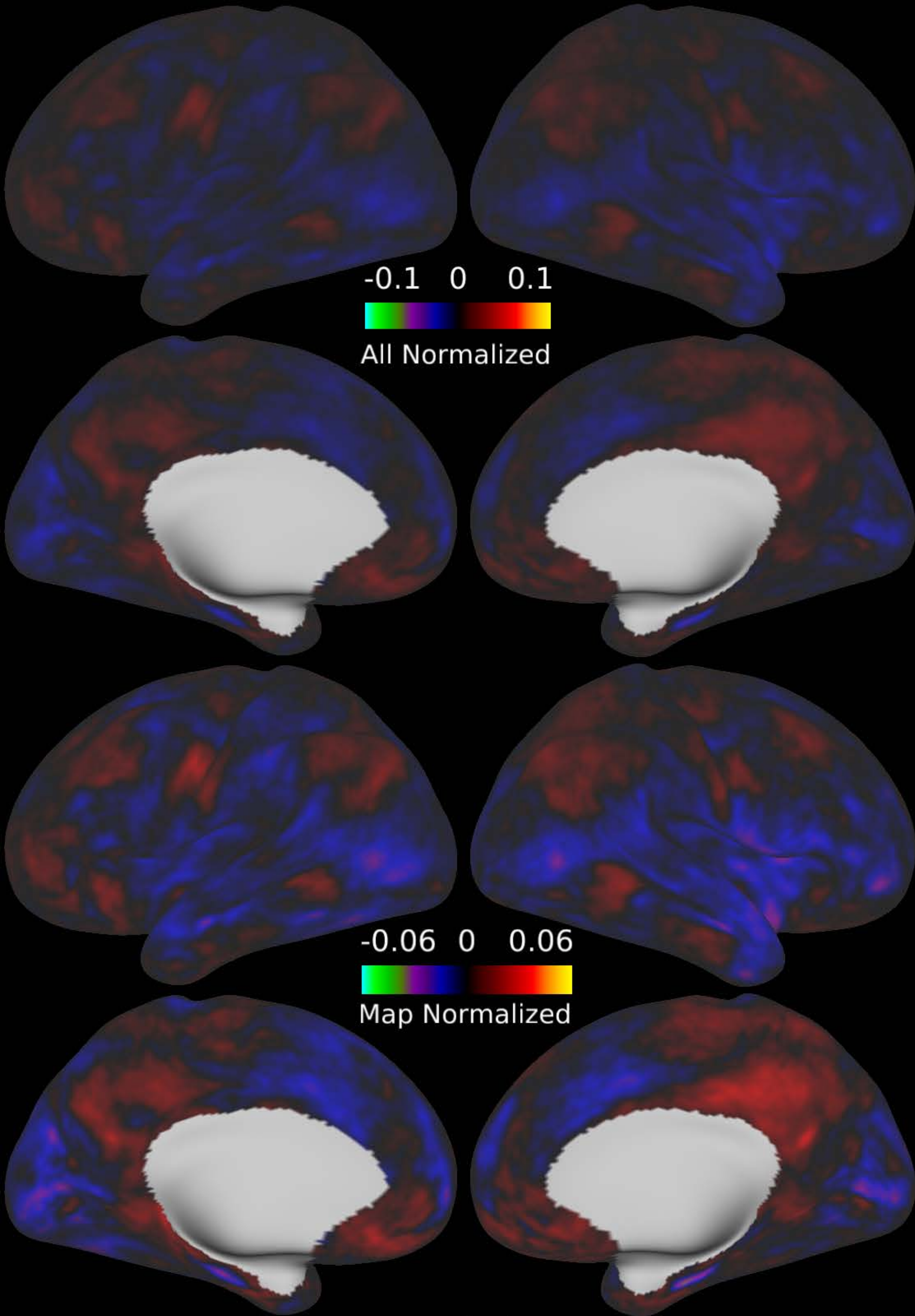
Globality Index: 0.83

Task Component: 49

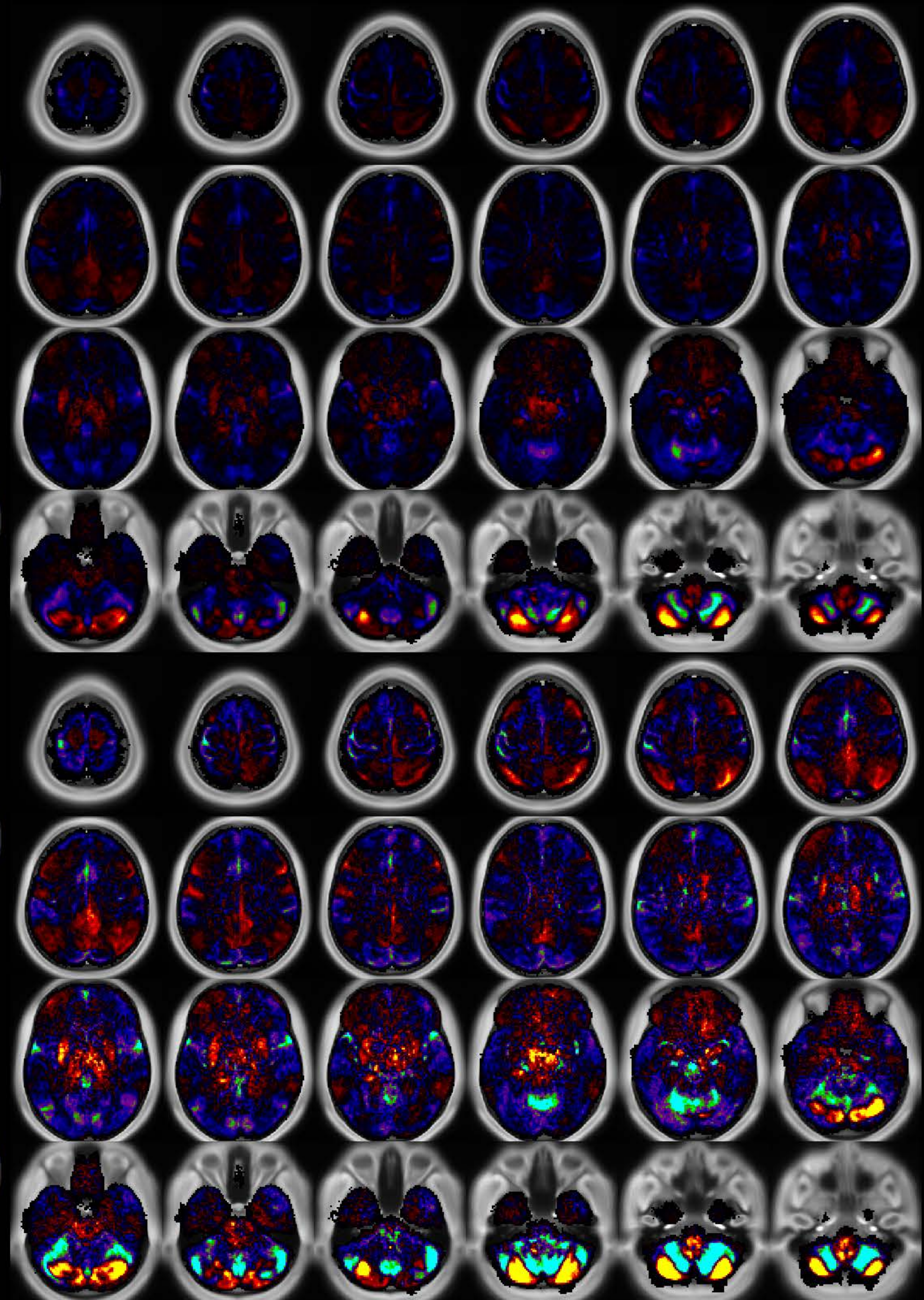
Rest Component: No

Task Modulated: No

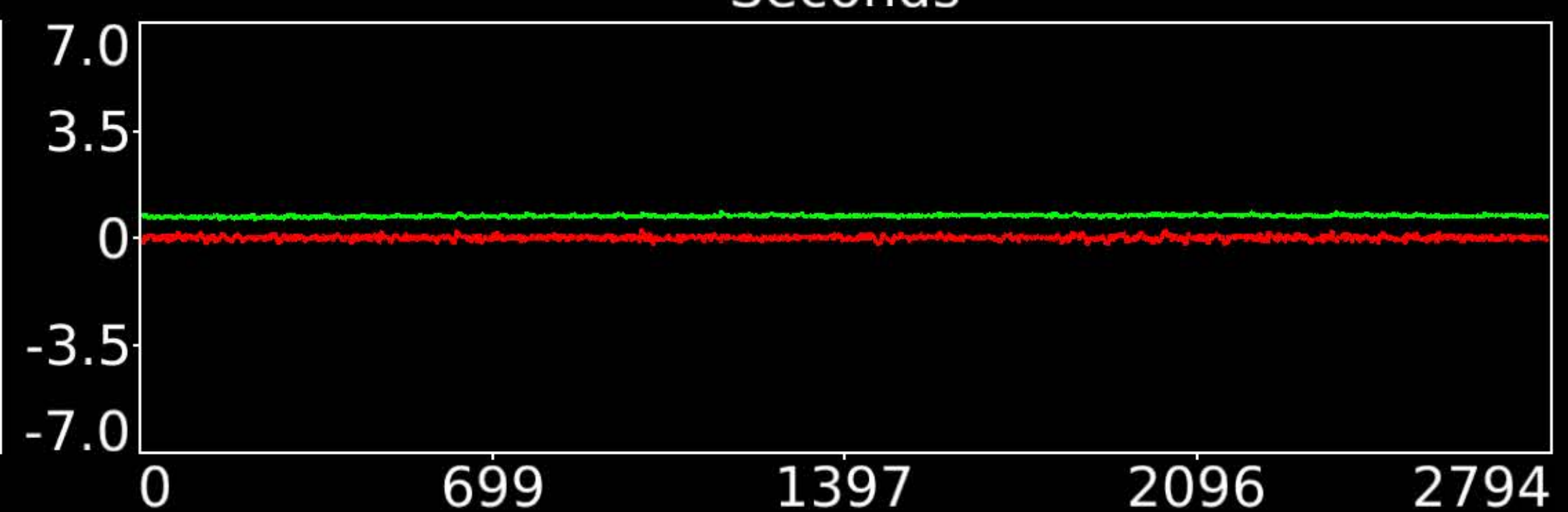
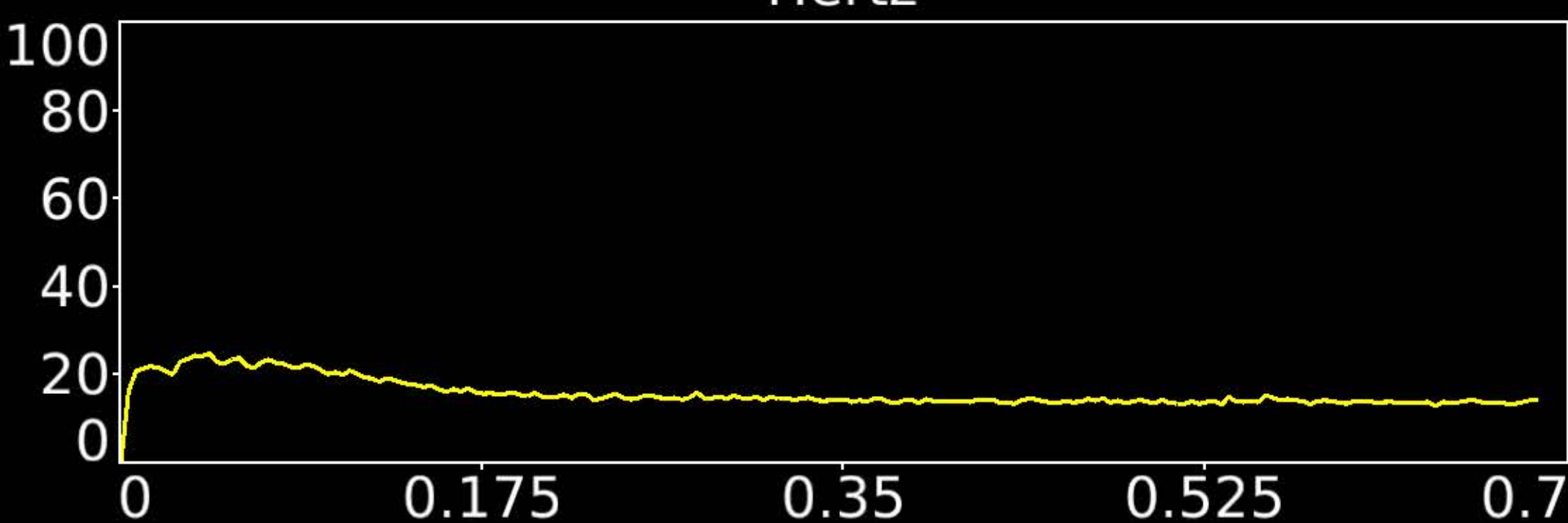
Rationale: Spatial map not reflective of known areas or RSNs without connectivity to other brain structures; some banding in sagittal plane suggestive of multi-band recon



Hertz

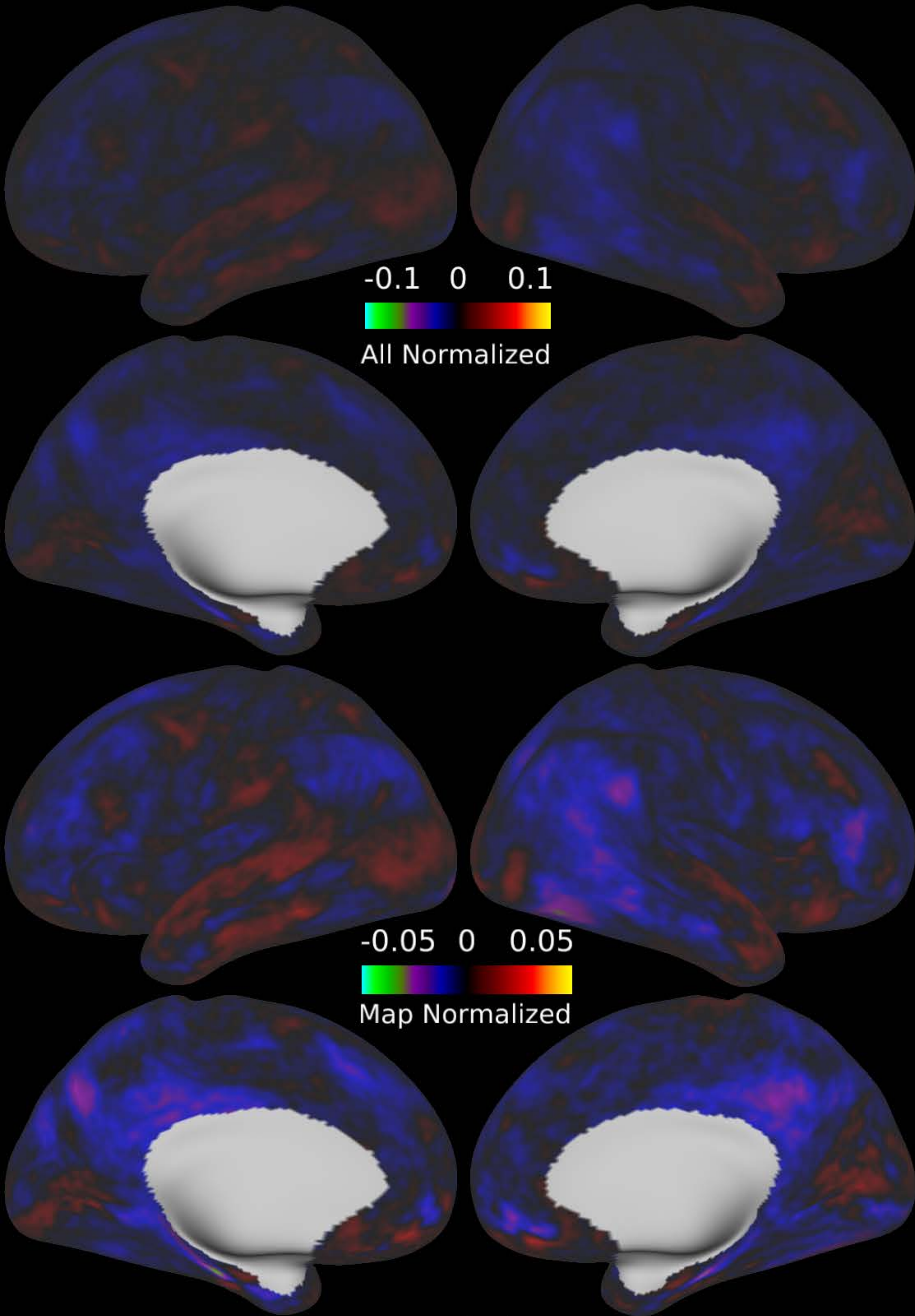


Seconds

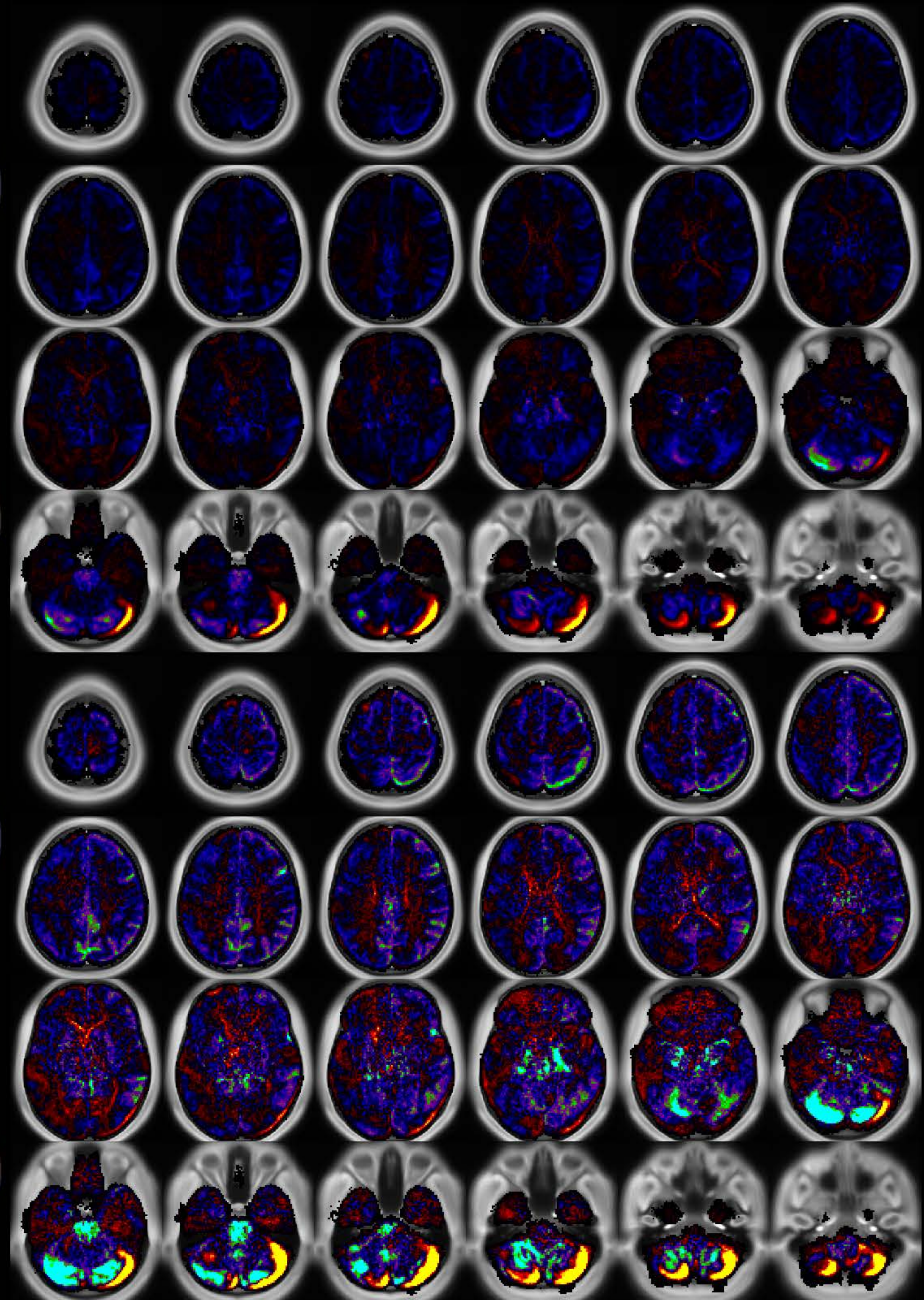


Number & Class: 44 Noise		Name: Cerebellar Unknown	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: Yes	% Variance Explained: 0.96	Globality Index: 0.39	
Task Component: No	Rest Component: No	Task Modulated: No	

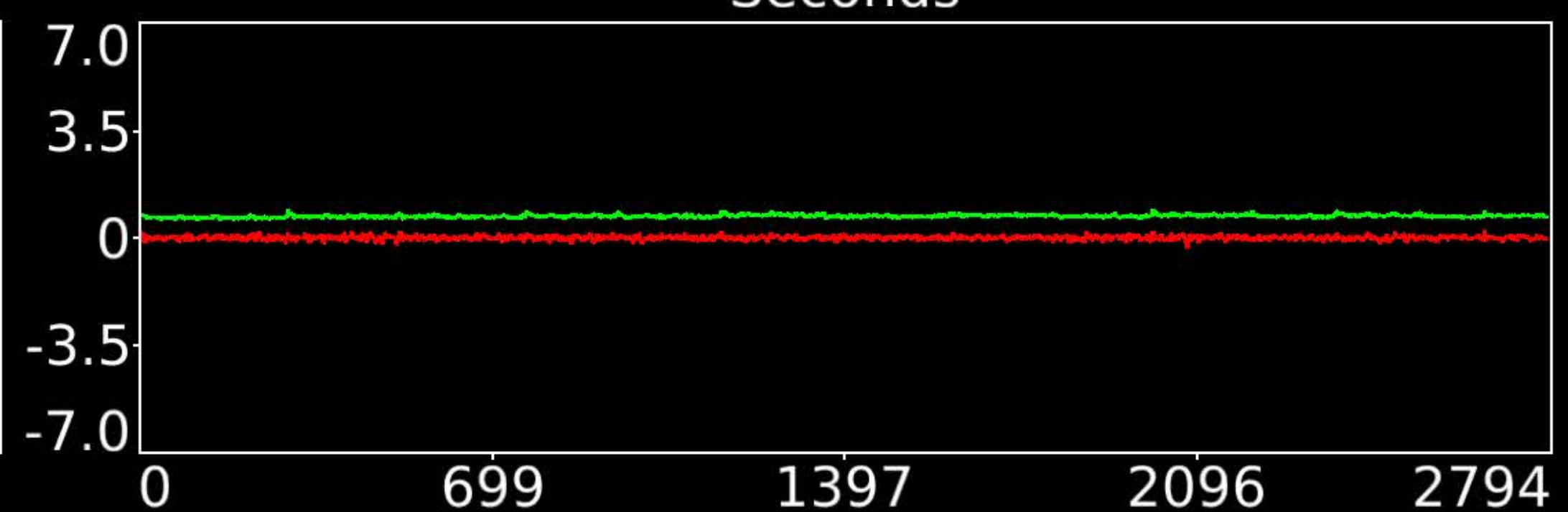
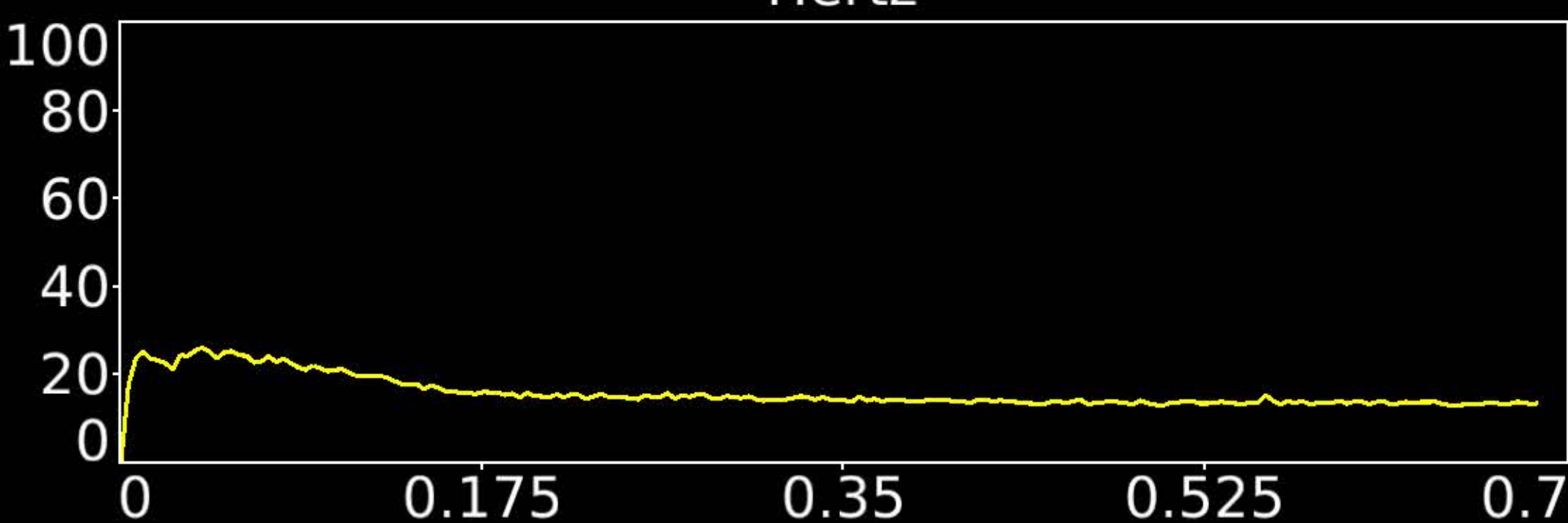
Rationale: Controversial: Clusters with other noise components in subject-wise amplitude correlations; spatial map does not match known areas or RSNs



Hertz

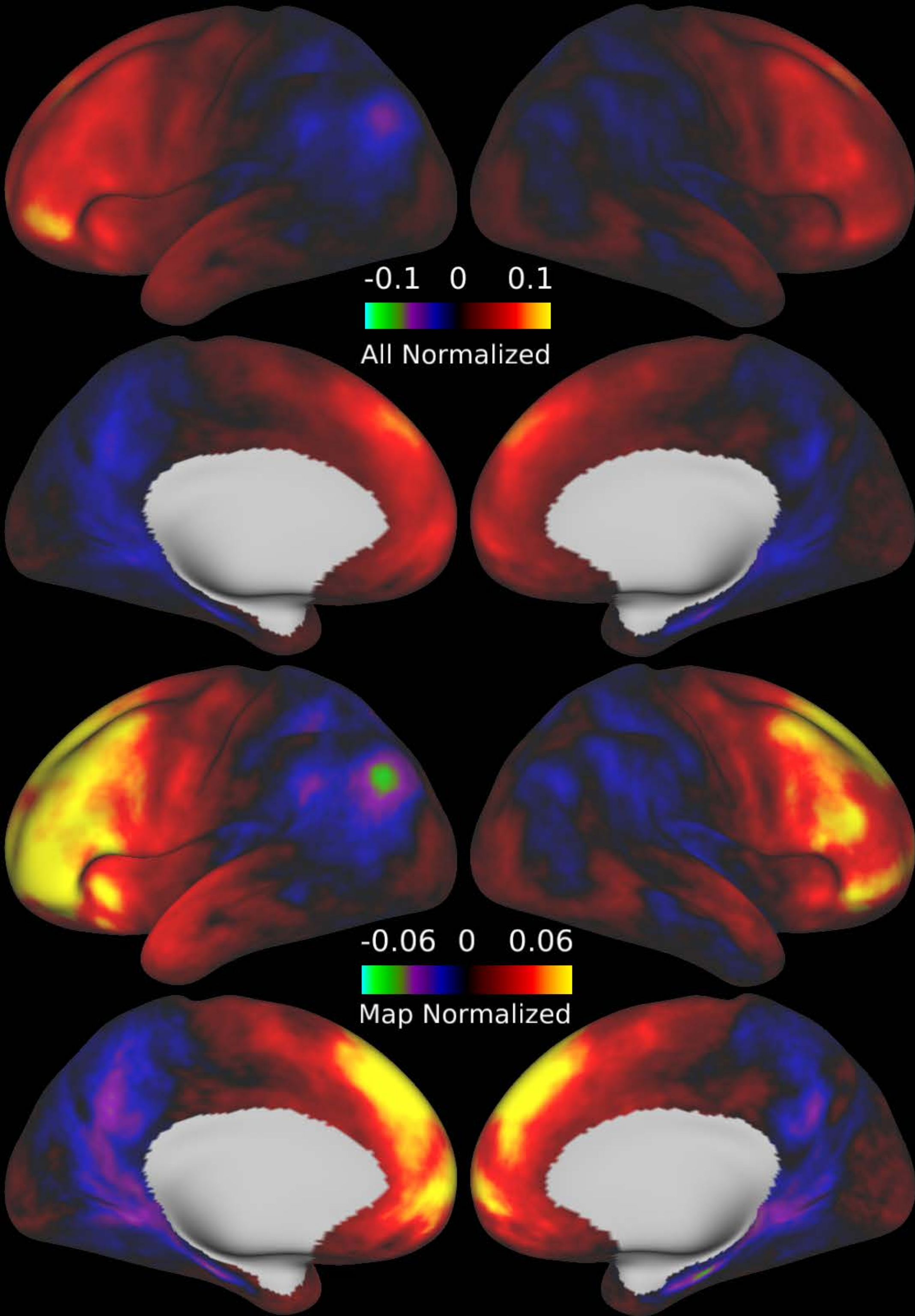


Seconds

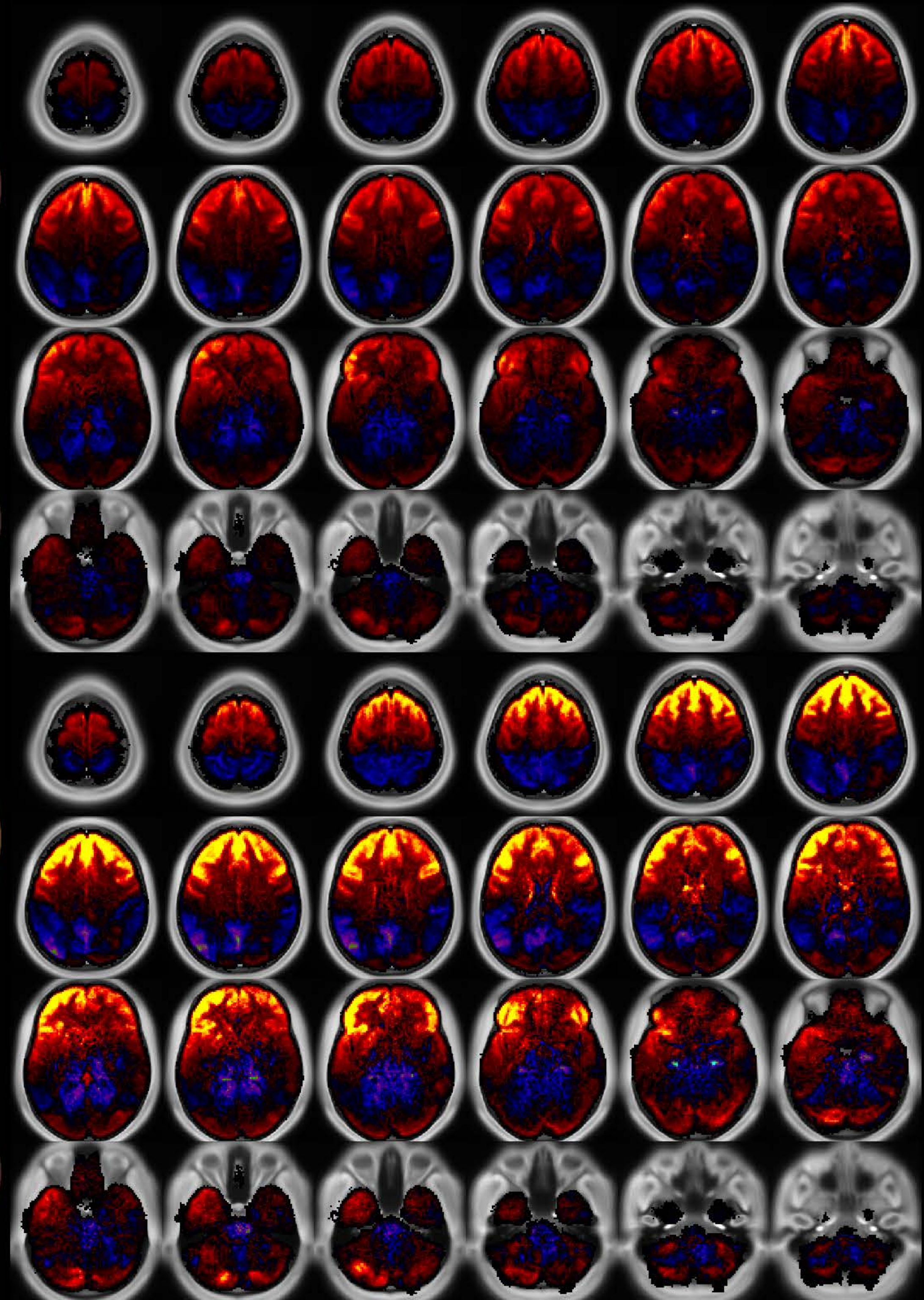


Number & Class: 45 Noise		Name: Cerebellar Movement Artifact Right	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No	
Single Subject: Yes	% Variance Explained: 0.96	Globality Index: 1.45	
Task Component: 47	Rest Component: No	Task Modulated: No	

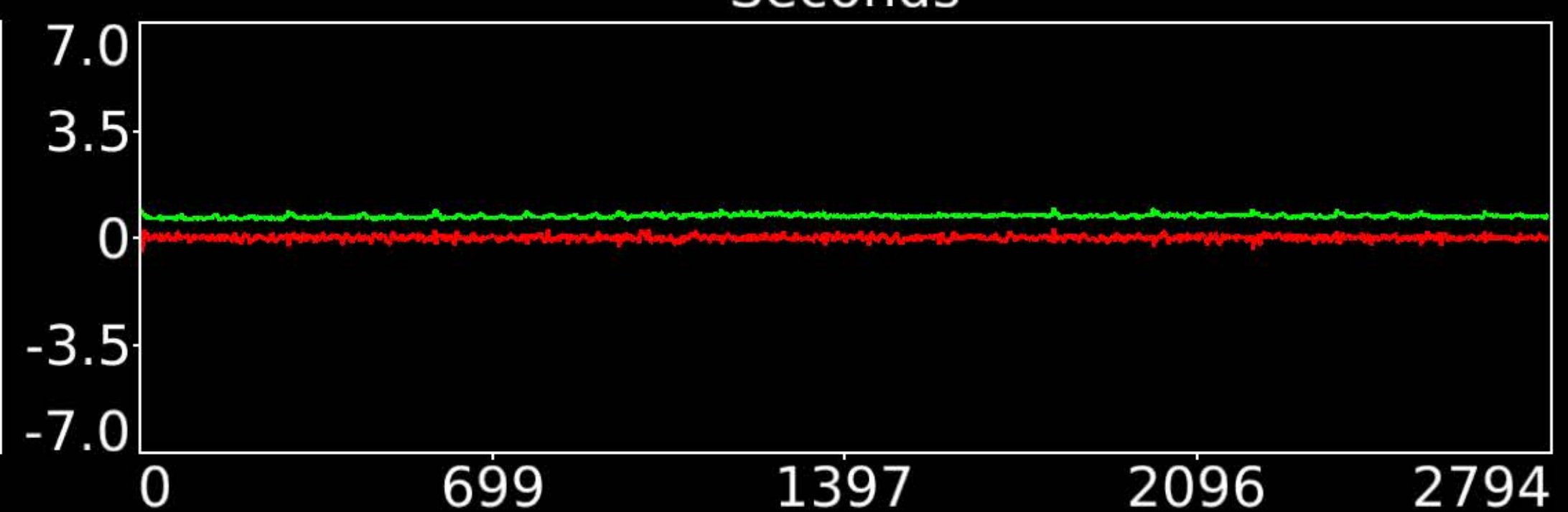
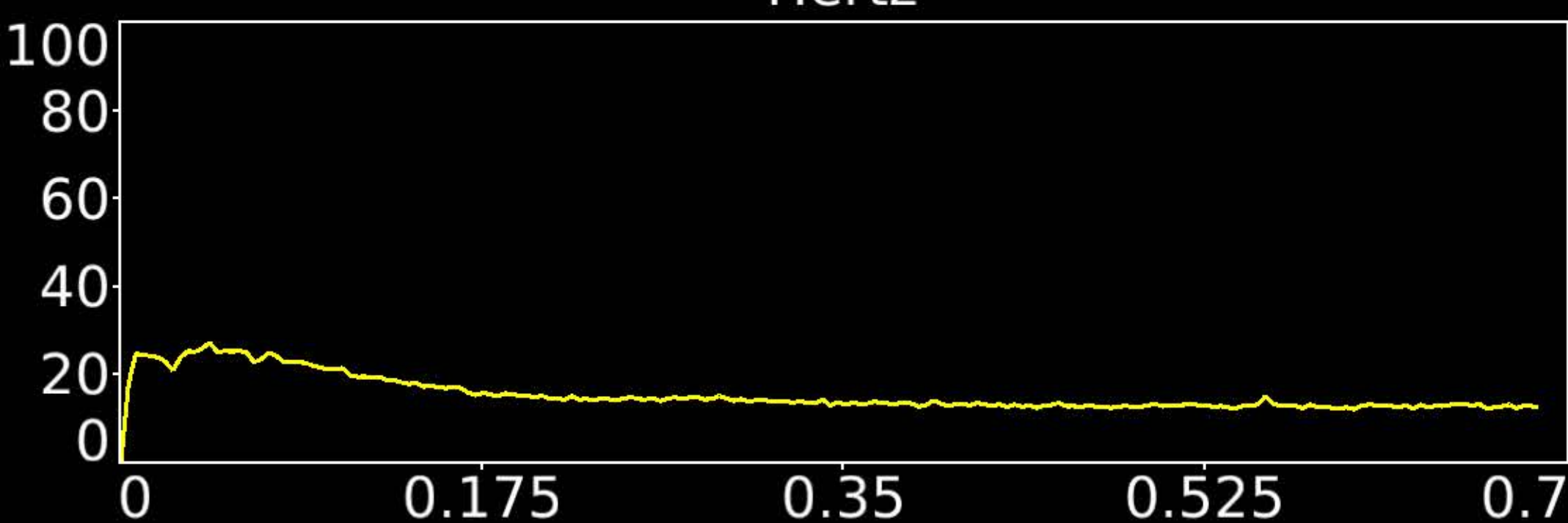
Rationale: Cerebellar edge motion component with high correlation to DVARS dipoles; looks like movement regressor beta map (derivative of X translation)



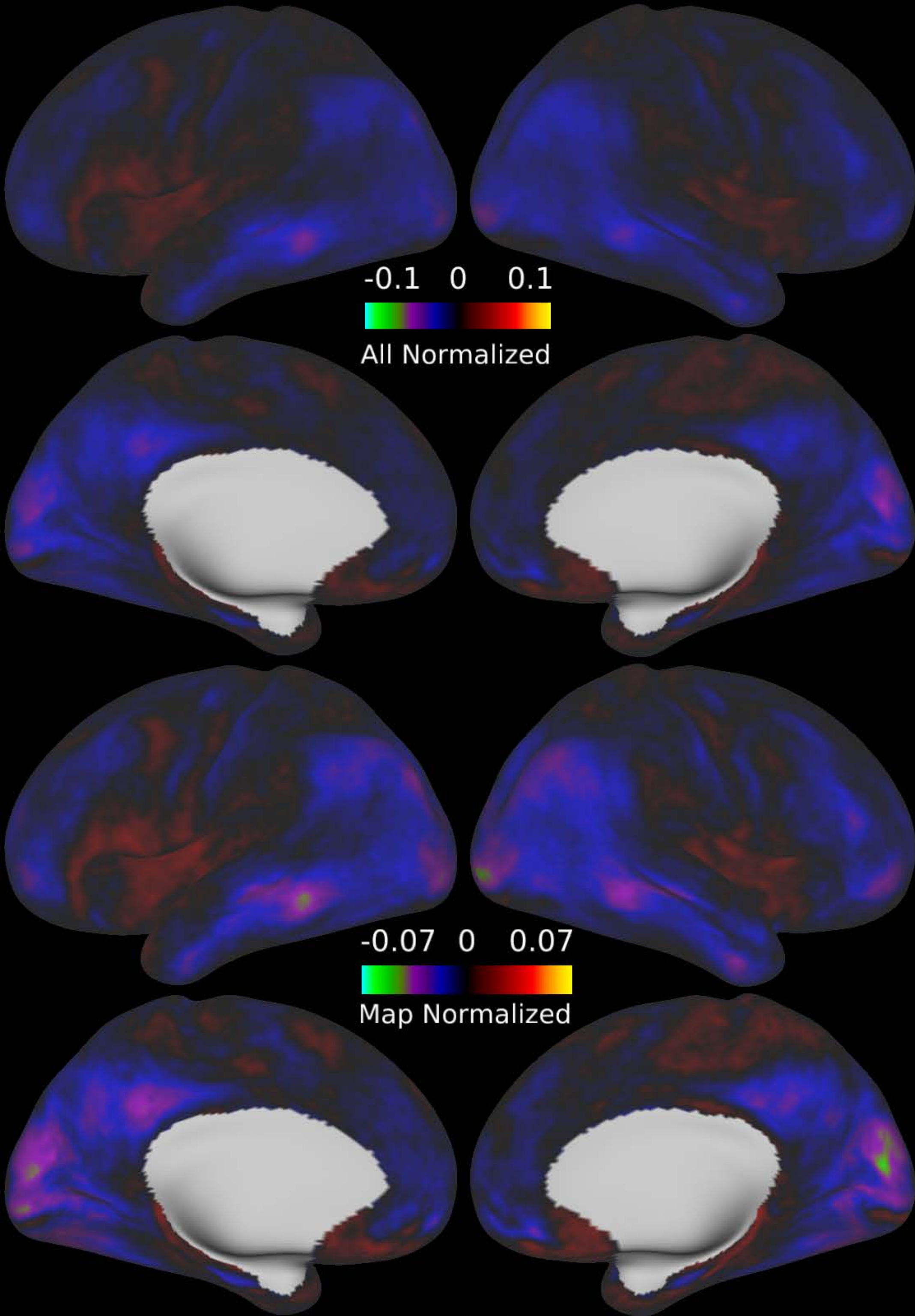
Hertz



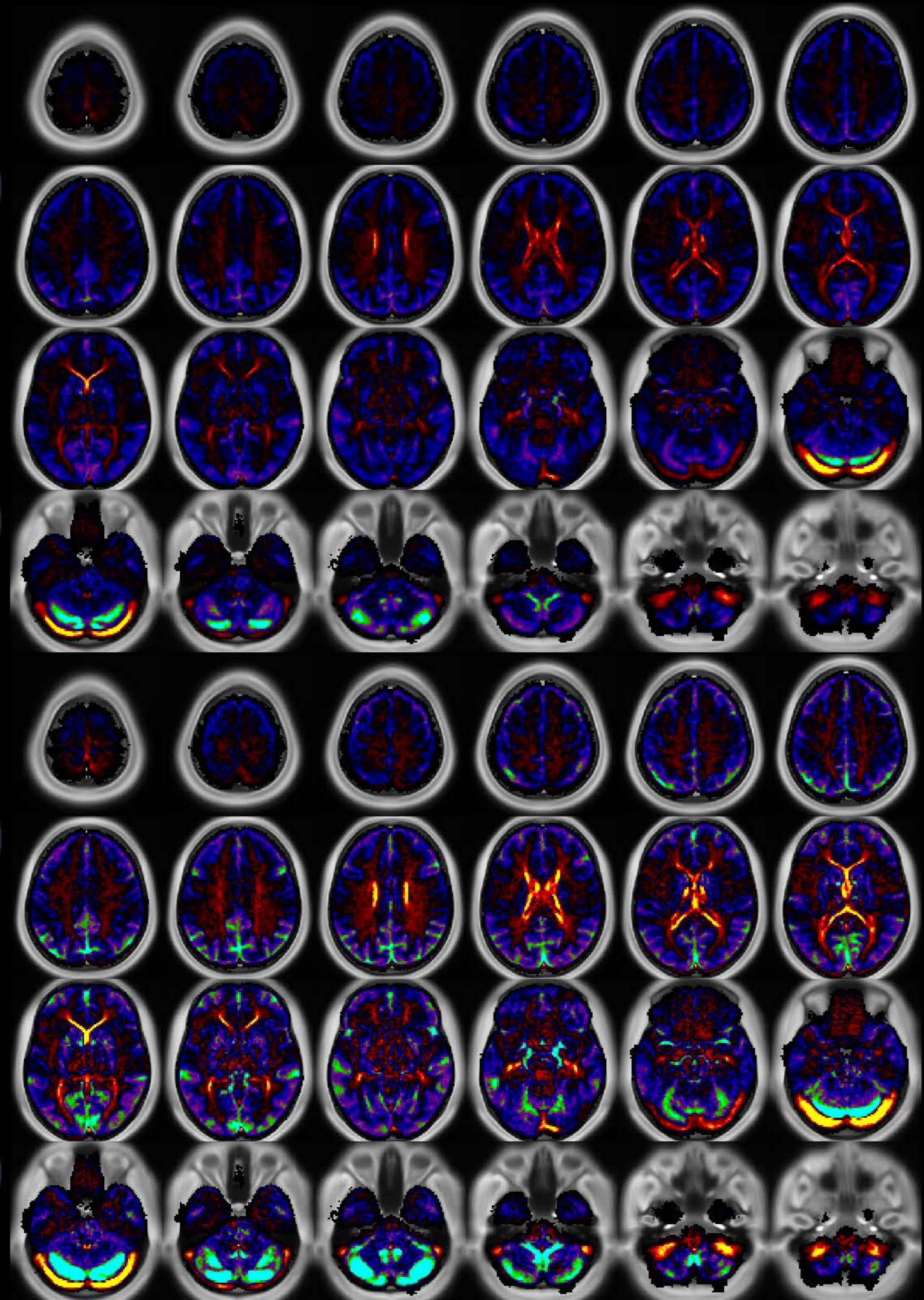
Seconds



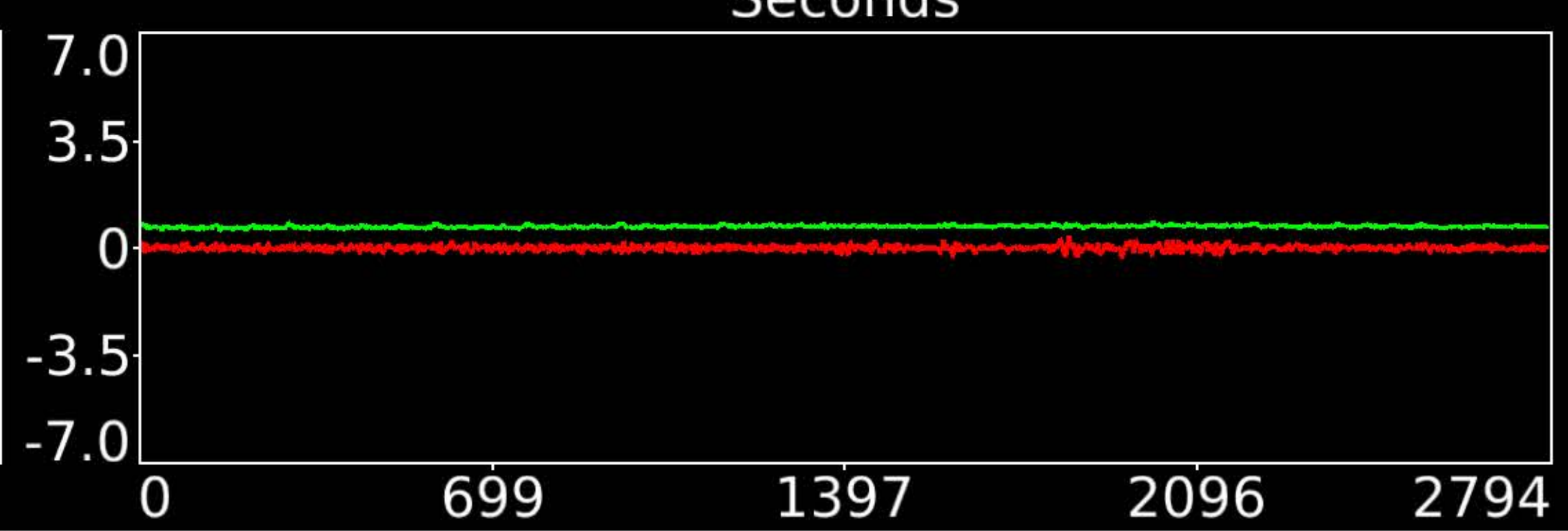
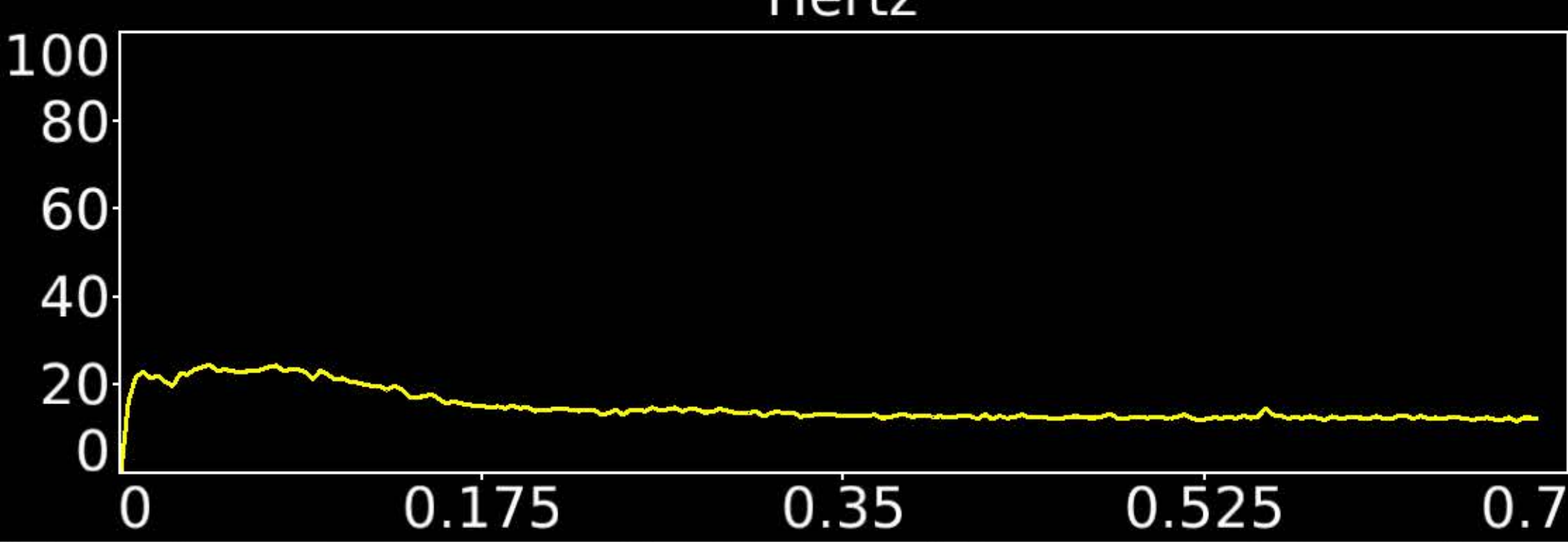
Number & Class: 46 Noise		Name: Coil or Movement	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.95	Globality Index: 0.68	
Task Component: 60	Rest Component: No	Task Modulated: No	
Rationale: Substantial white matter signal; associated with DVARS dips; perhaps related to coil or motion			



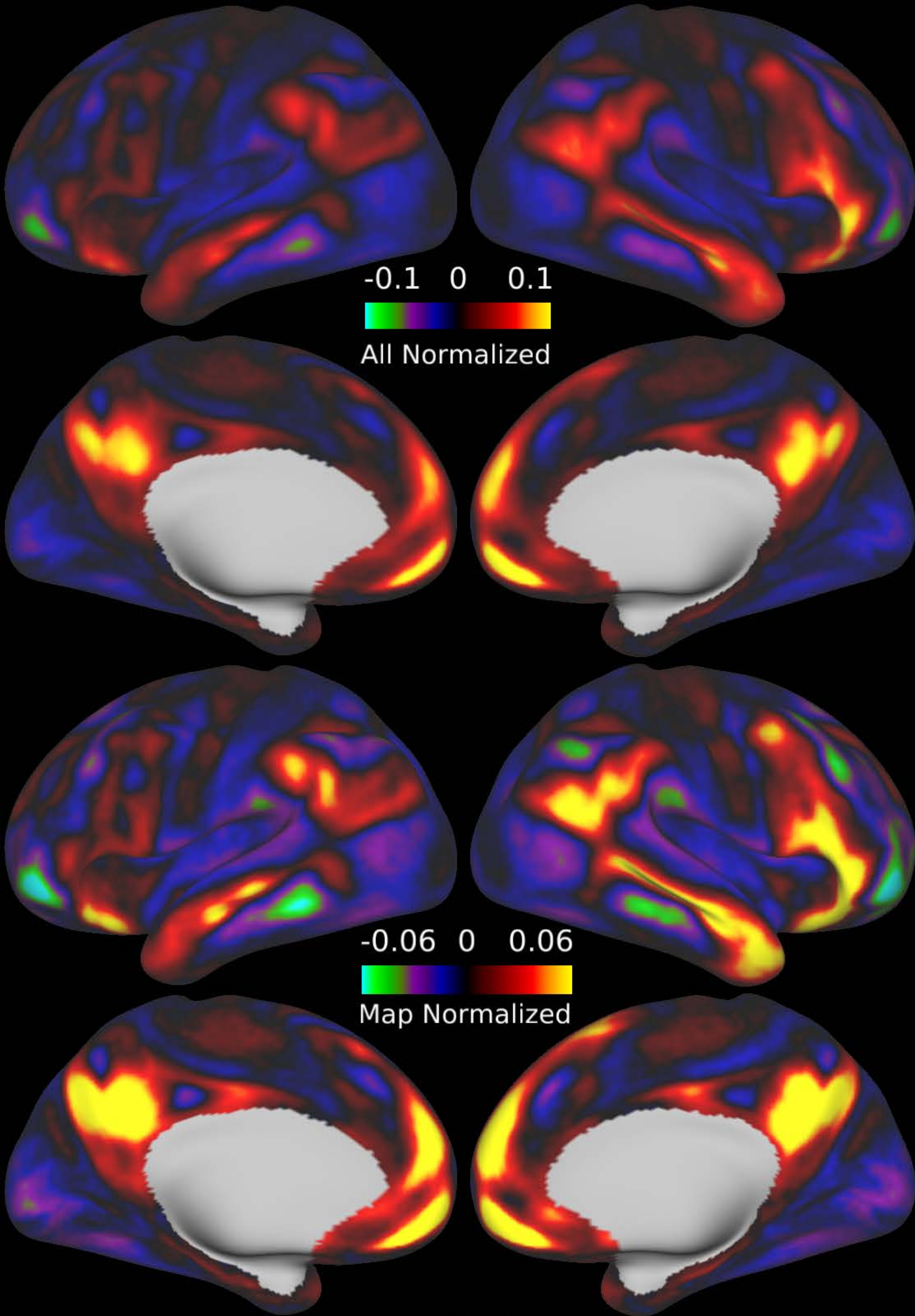
Hertz



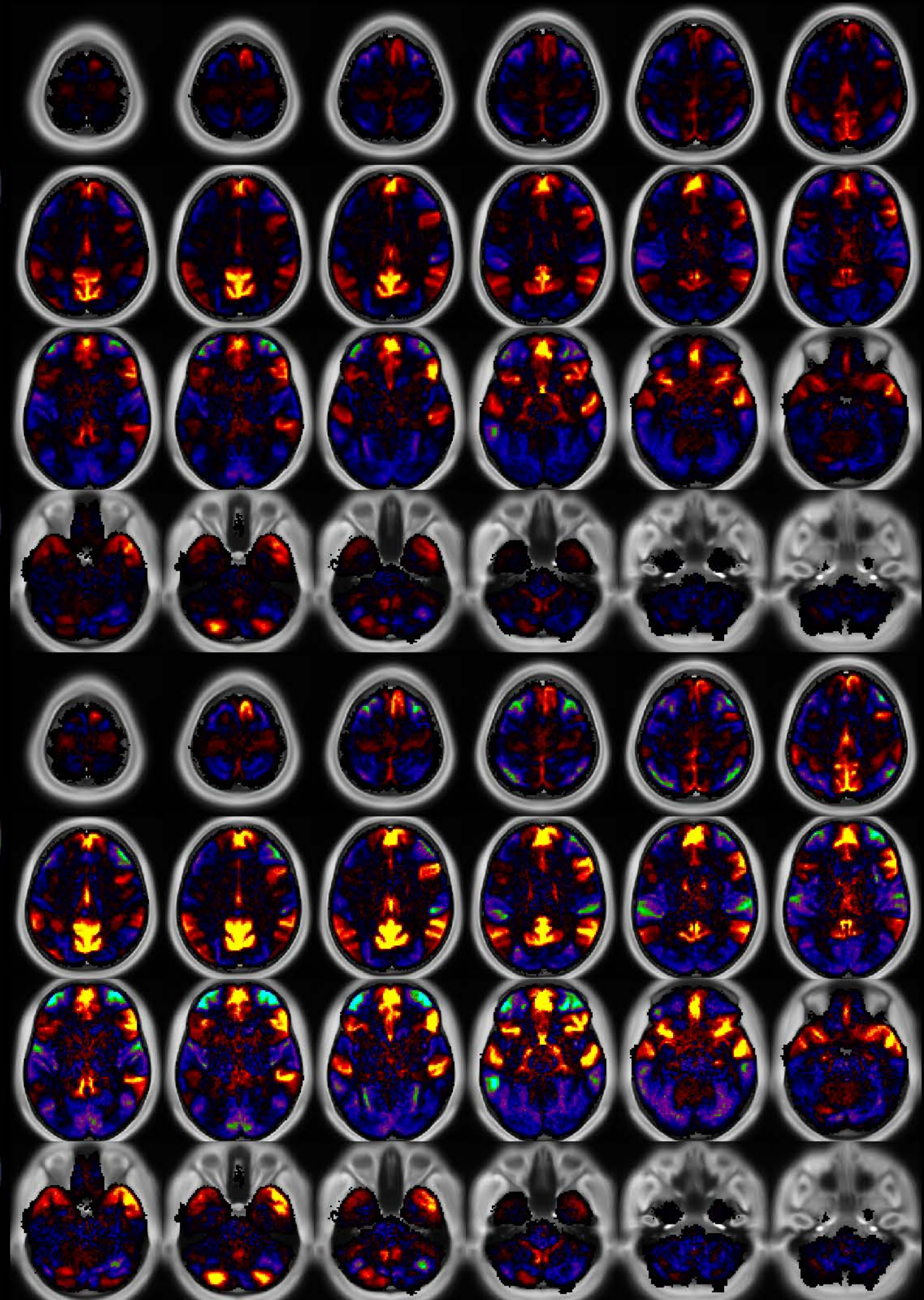
Seconds



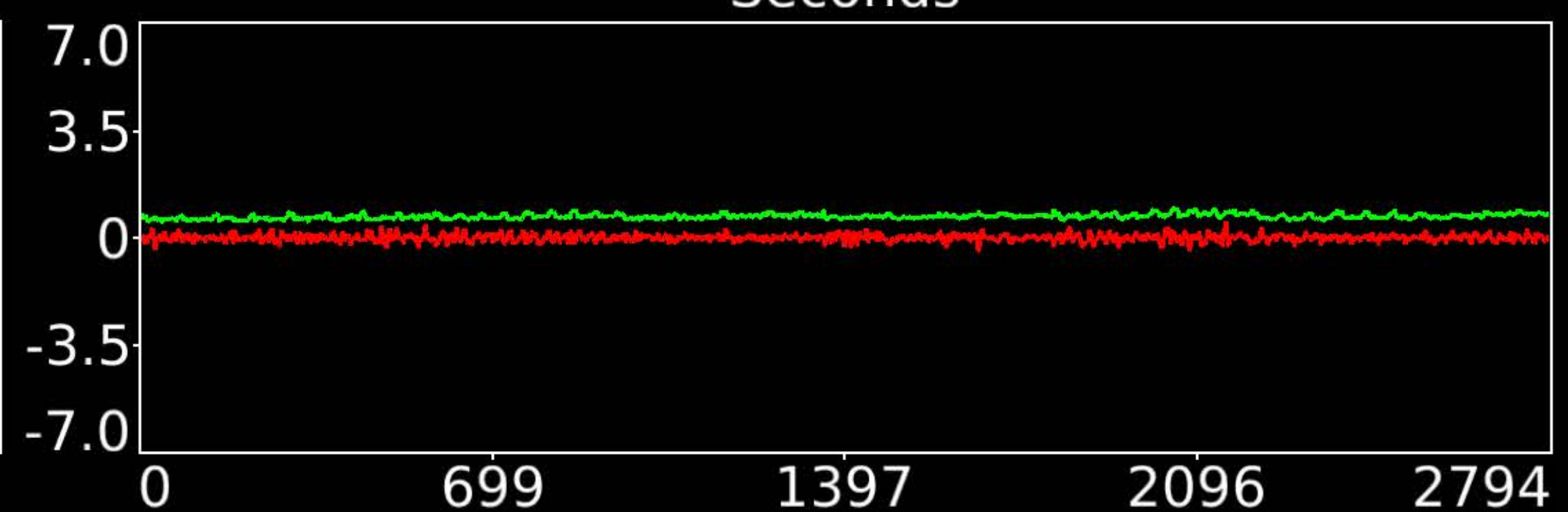
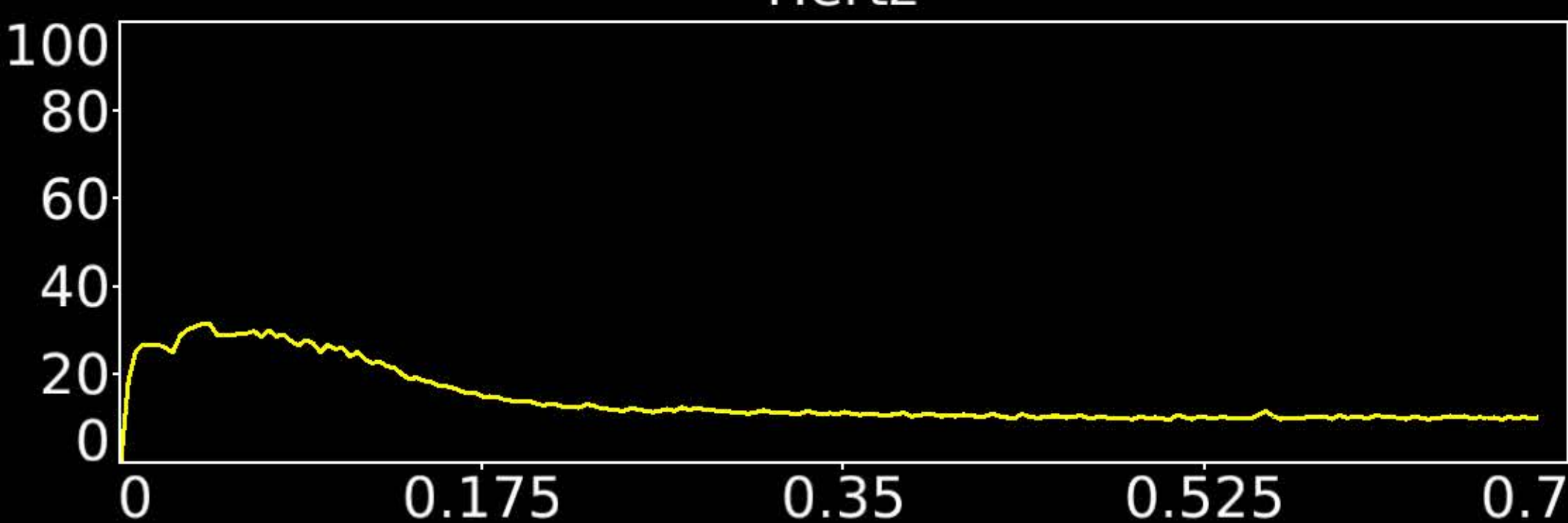
Number & Class: 47 Noise		Name: WM and Veins	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.91	Globality Index: 1.42	
Task Component: No	Rest Component: No	Task Modulated: No	
Rationale: Spatial map primarily white matter and veins			



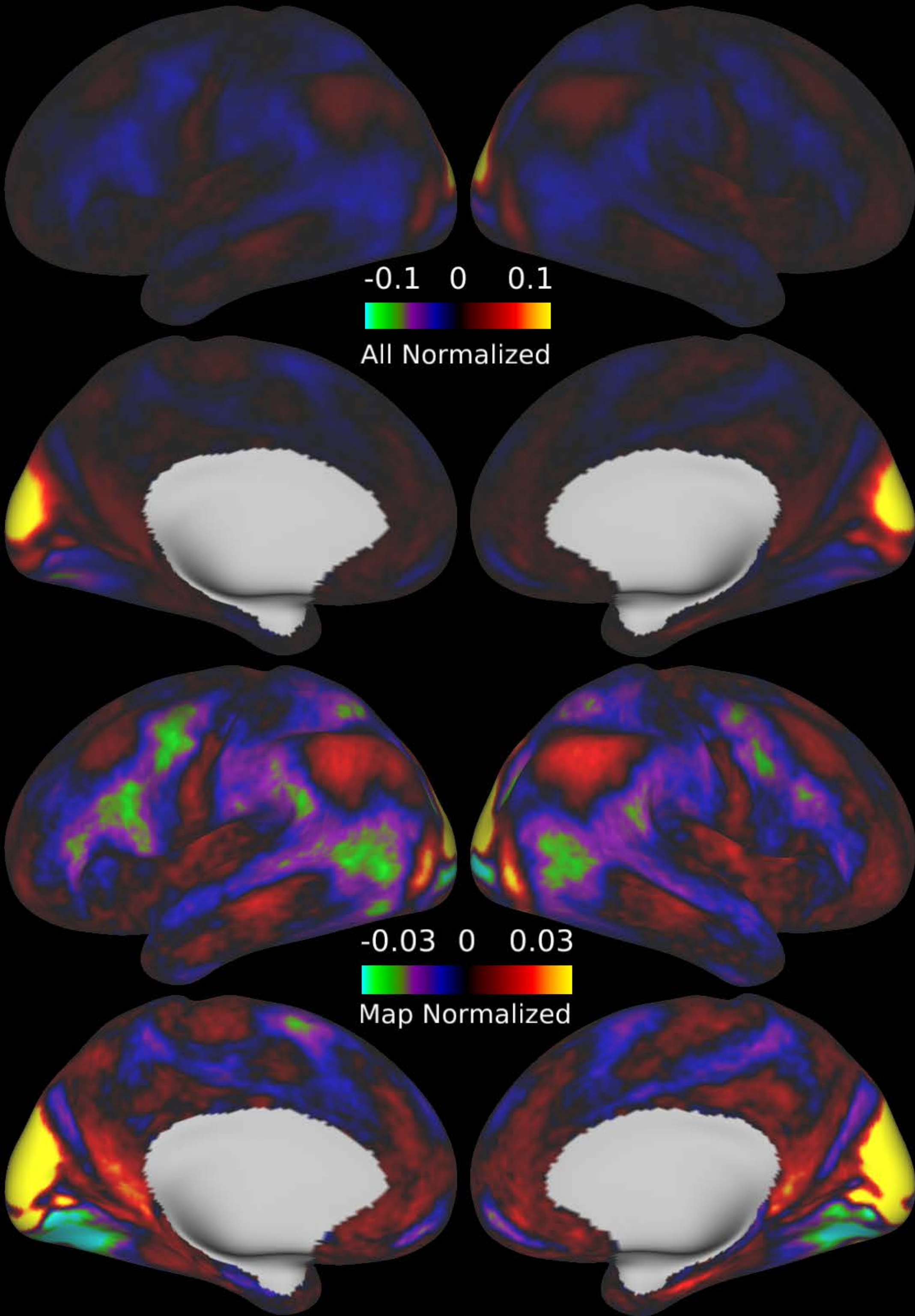
Hertz



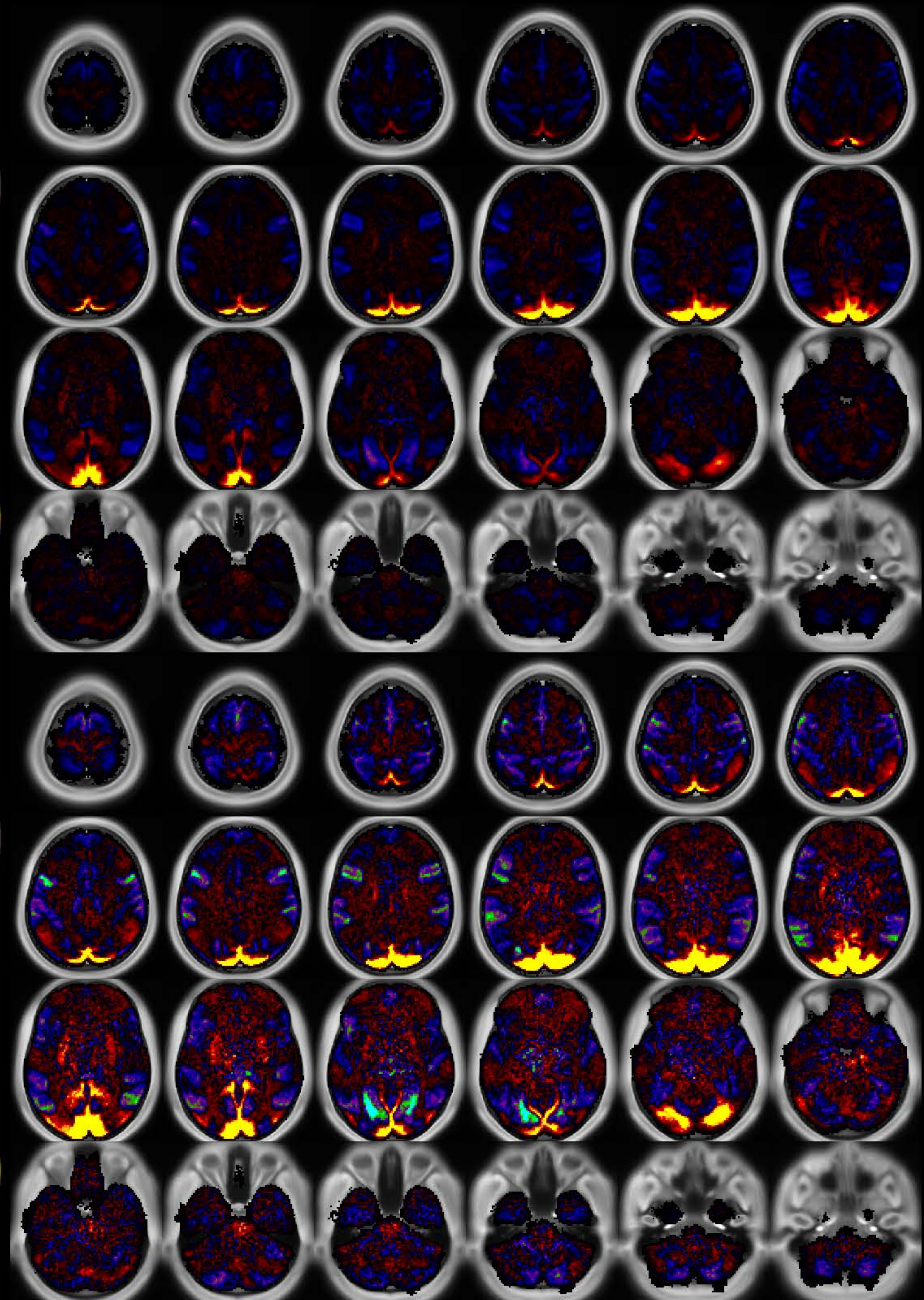
Seconds



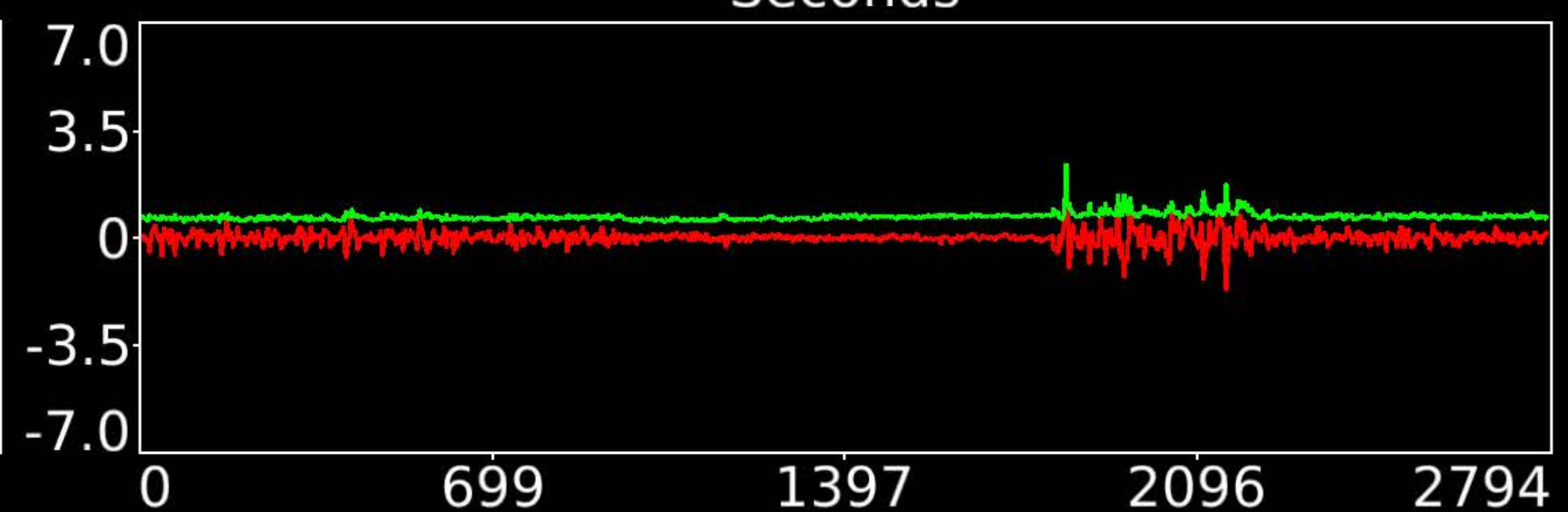
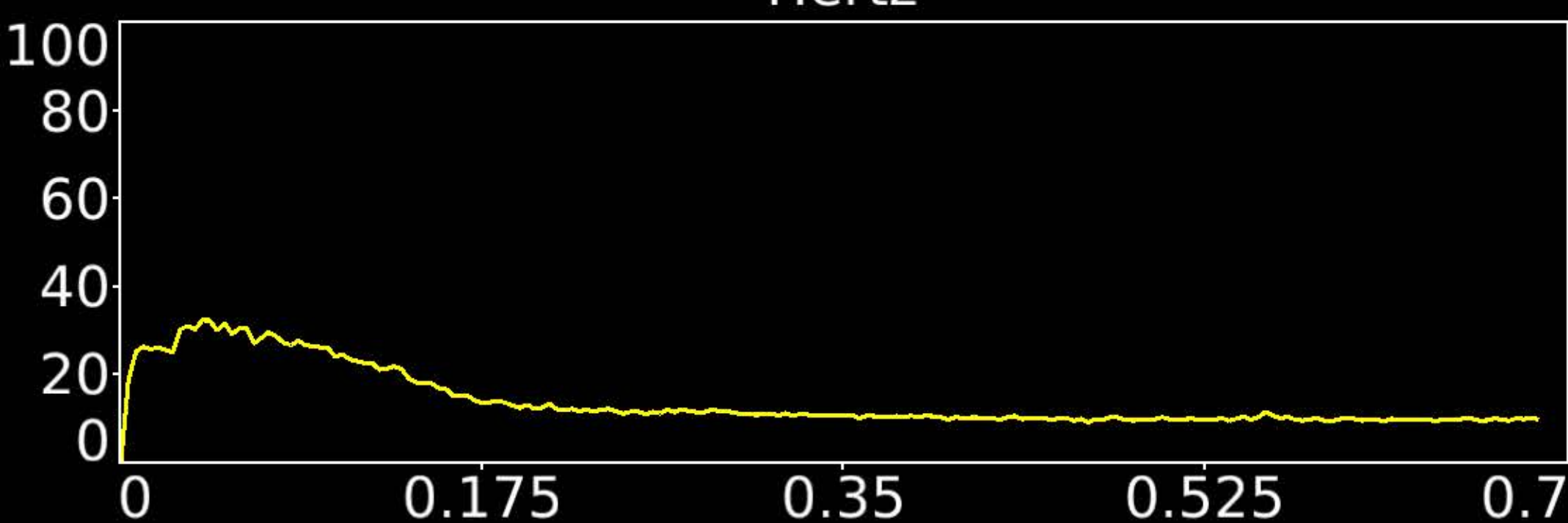
Number & Class: 48 Signal		Name: Subsidiary Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.94	Globality Index: 0.31	
Task Component: No	Rest Component: 24	Task Modulated: No	
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network)			



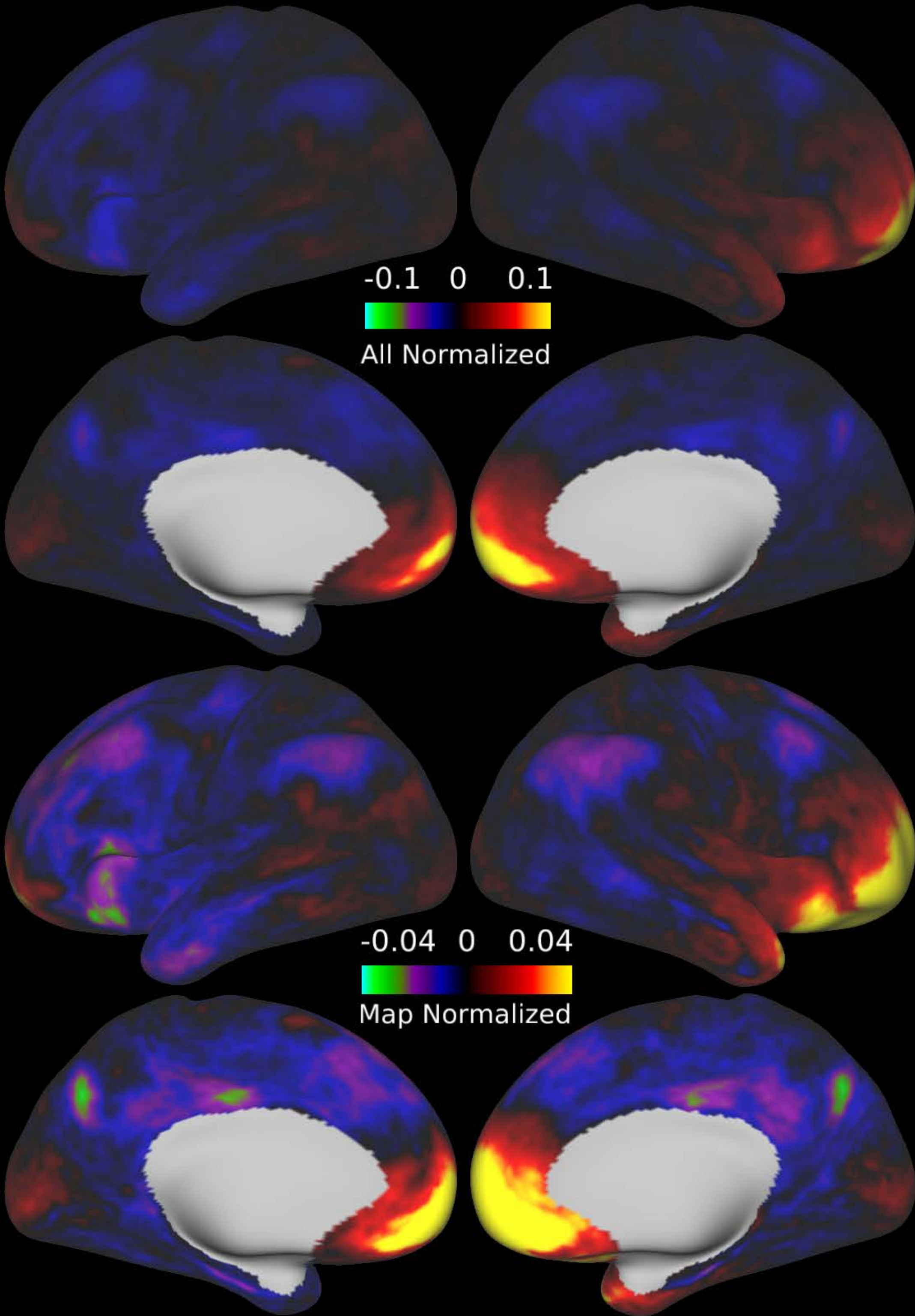
Hertz



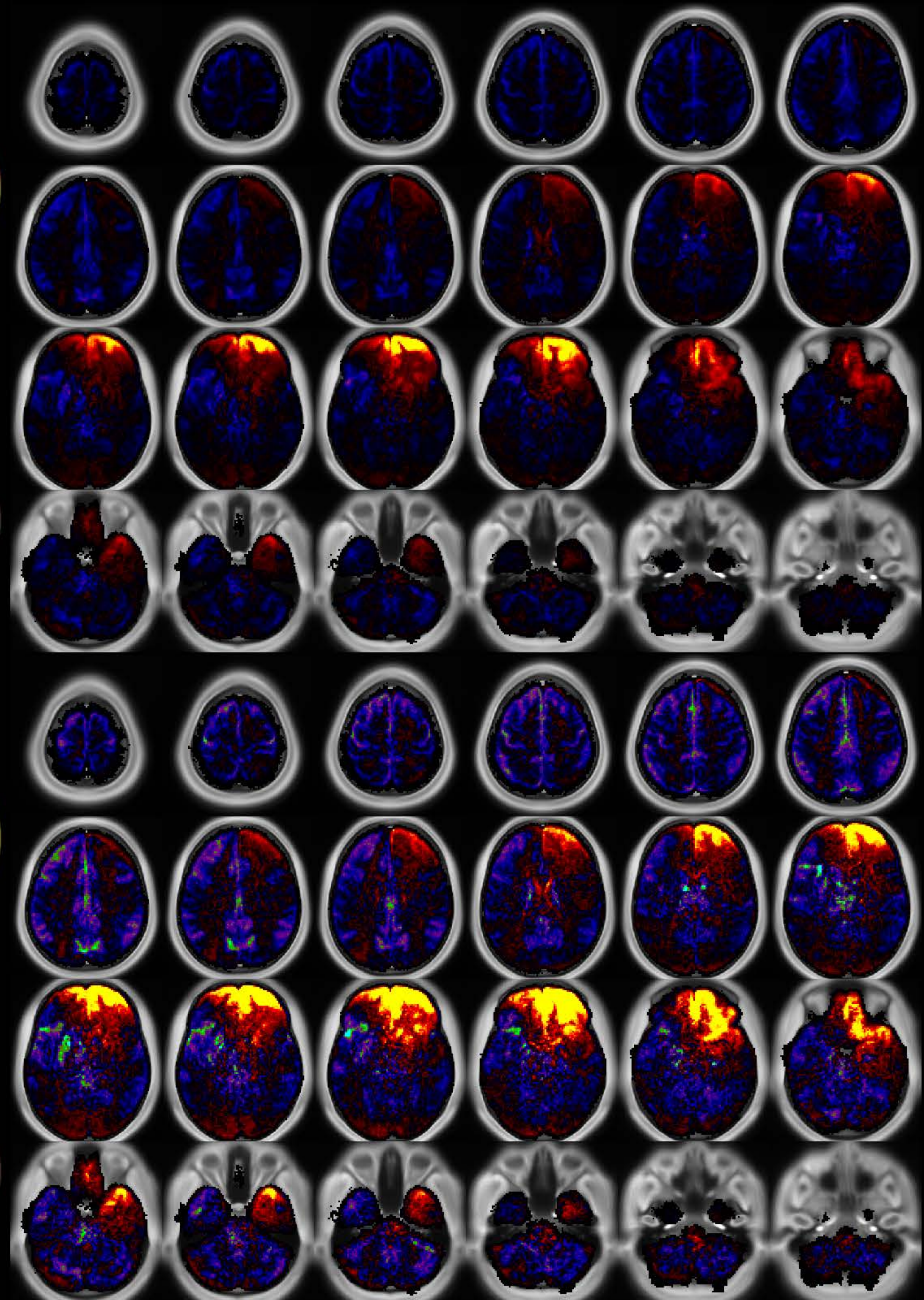
Seconds



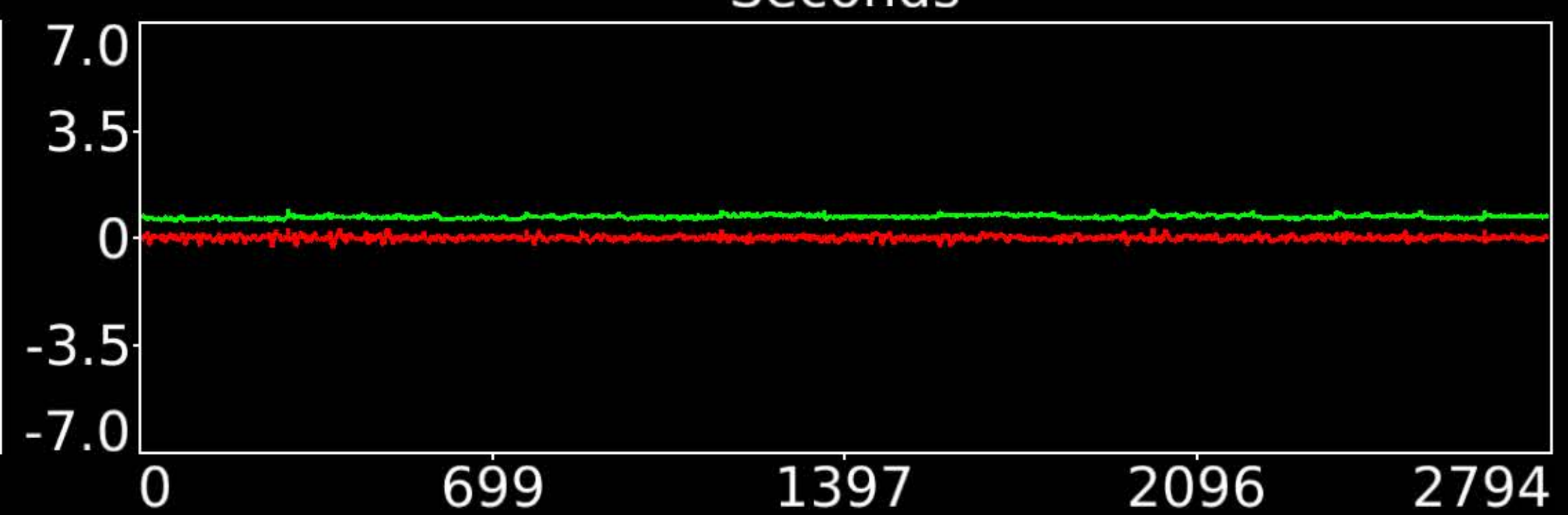
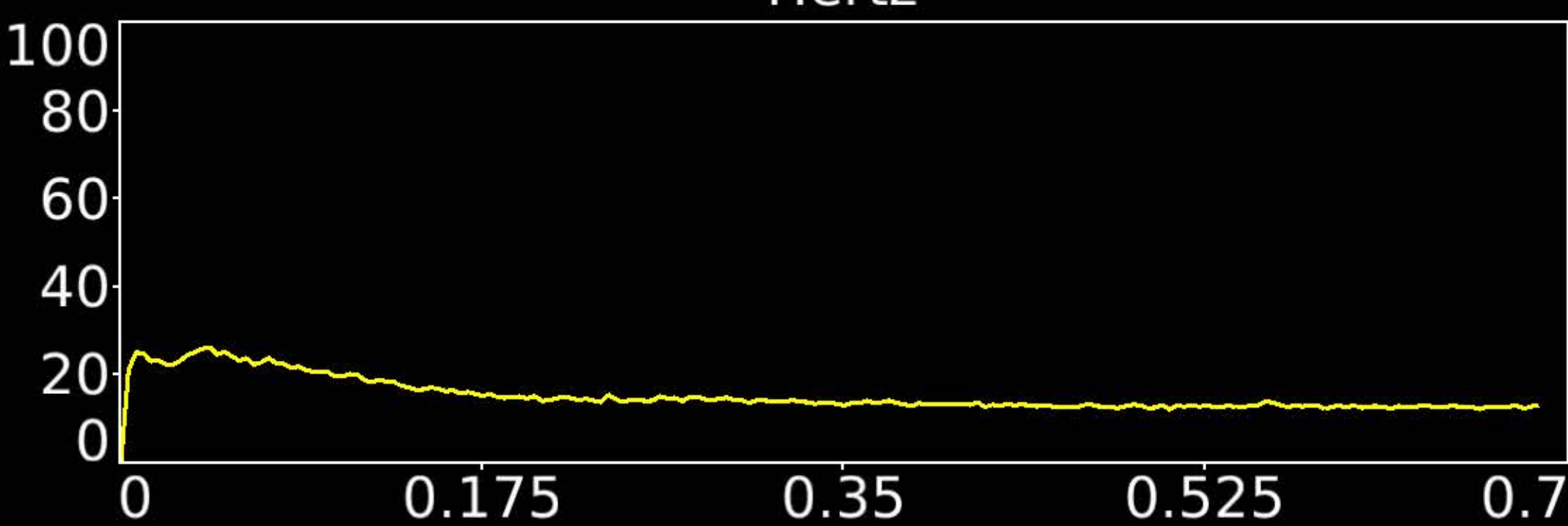
Number & Class: 49 Signal		Name: Visuotopic: Paracentral Dorsal > Ventral	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.93	Globality Index: 0.09	
Task Component: 67	Rest Component: 42+82	Task Modulated: Social	
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Lower vs Upper)			



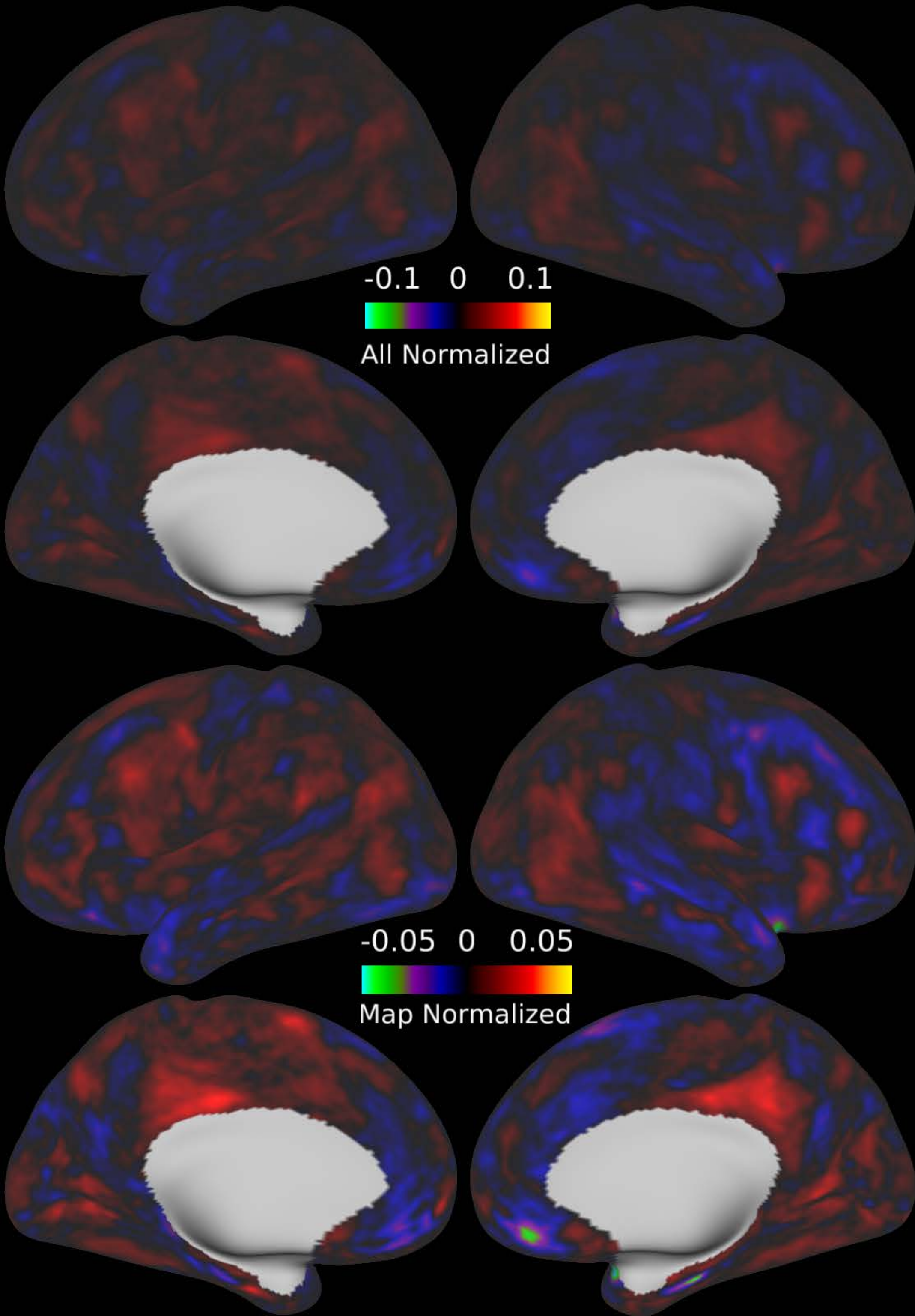
Hertz



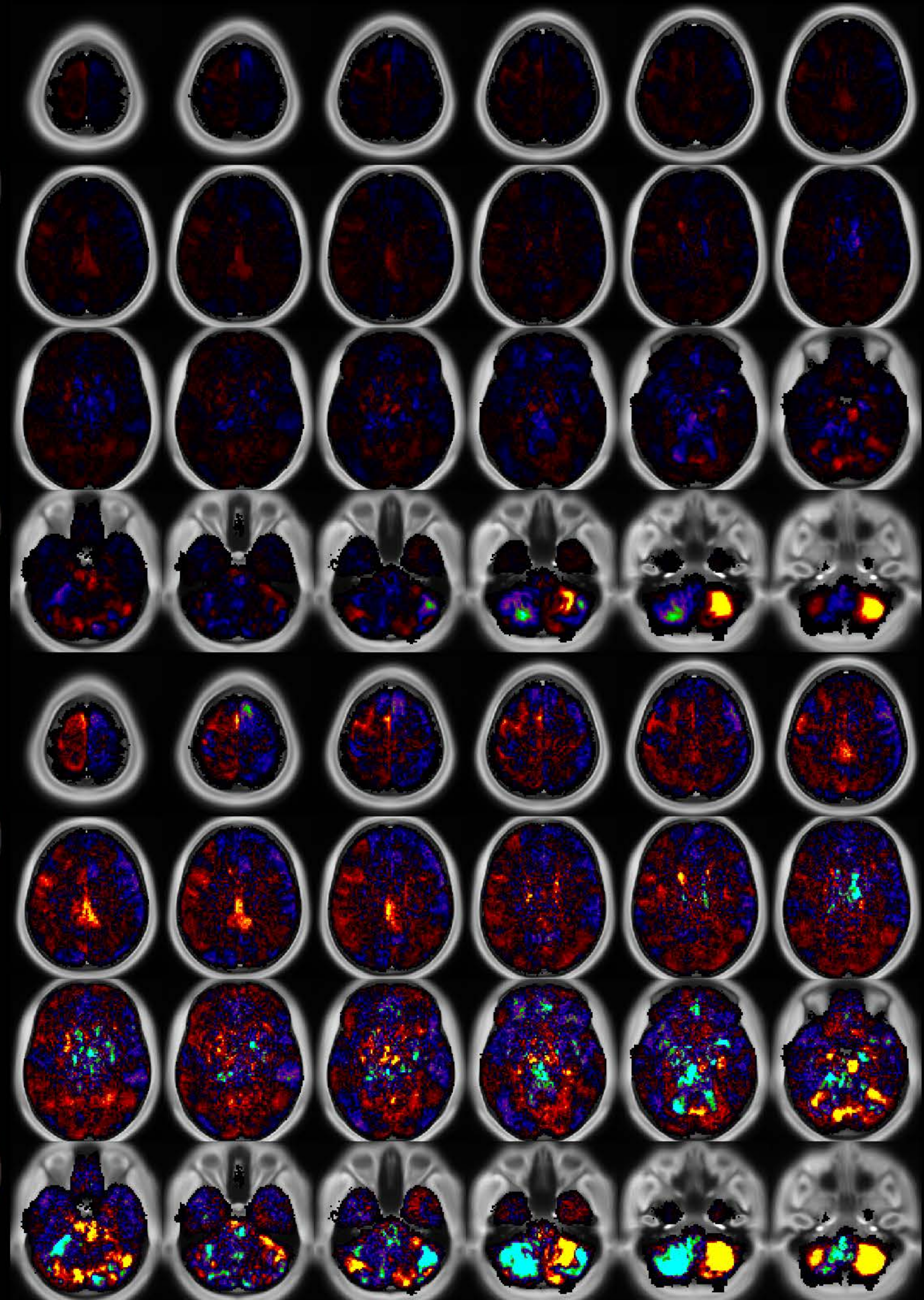
Seconds



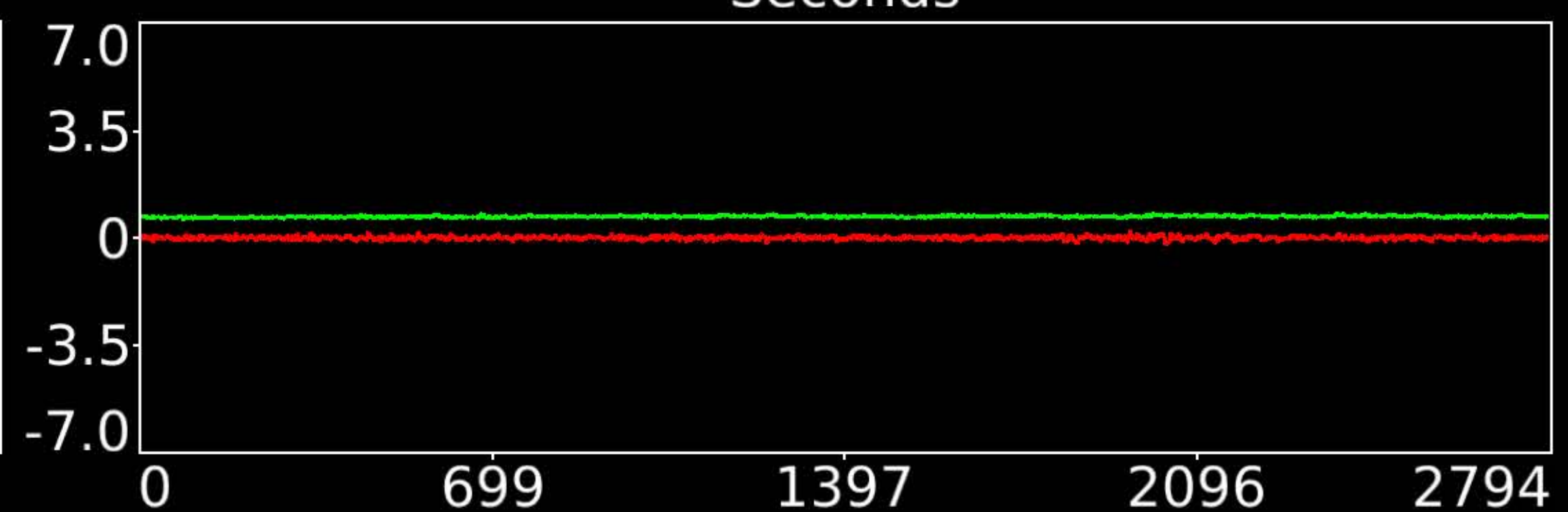
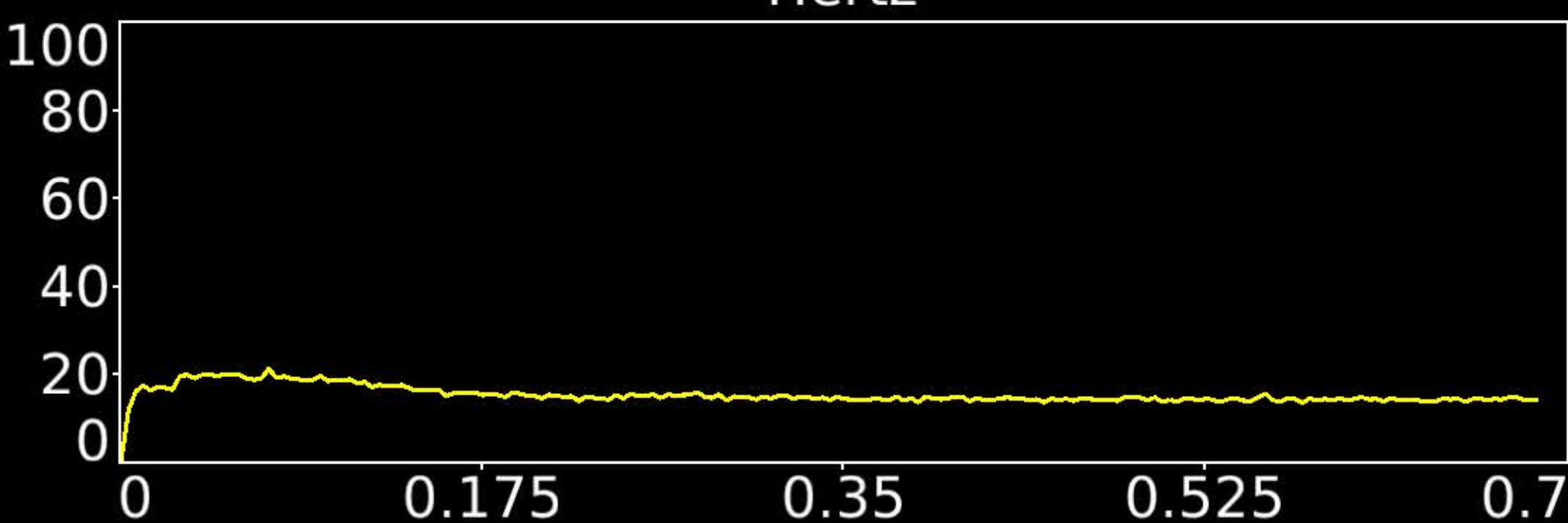
Number & Class: 50 Noise		Name: Coil	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.92	Globality Index: 1.19	
Task Component: 50	Rest Component: 47	Task Modulated: No	
Rationale: Known coil noise component			



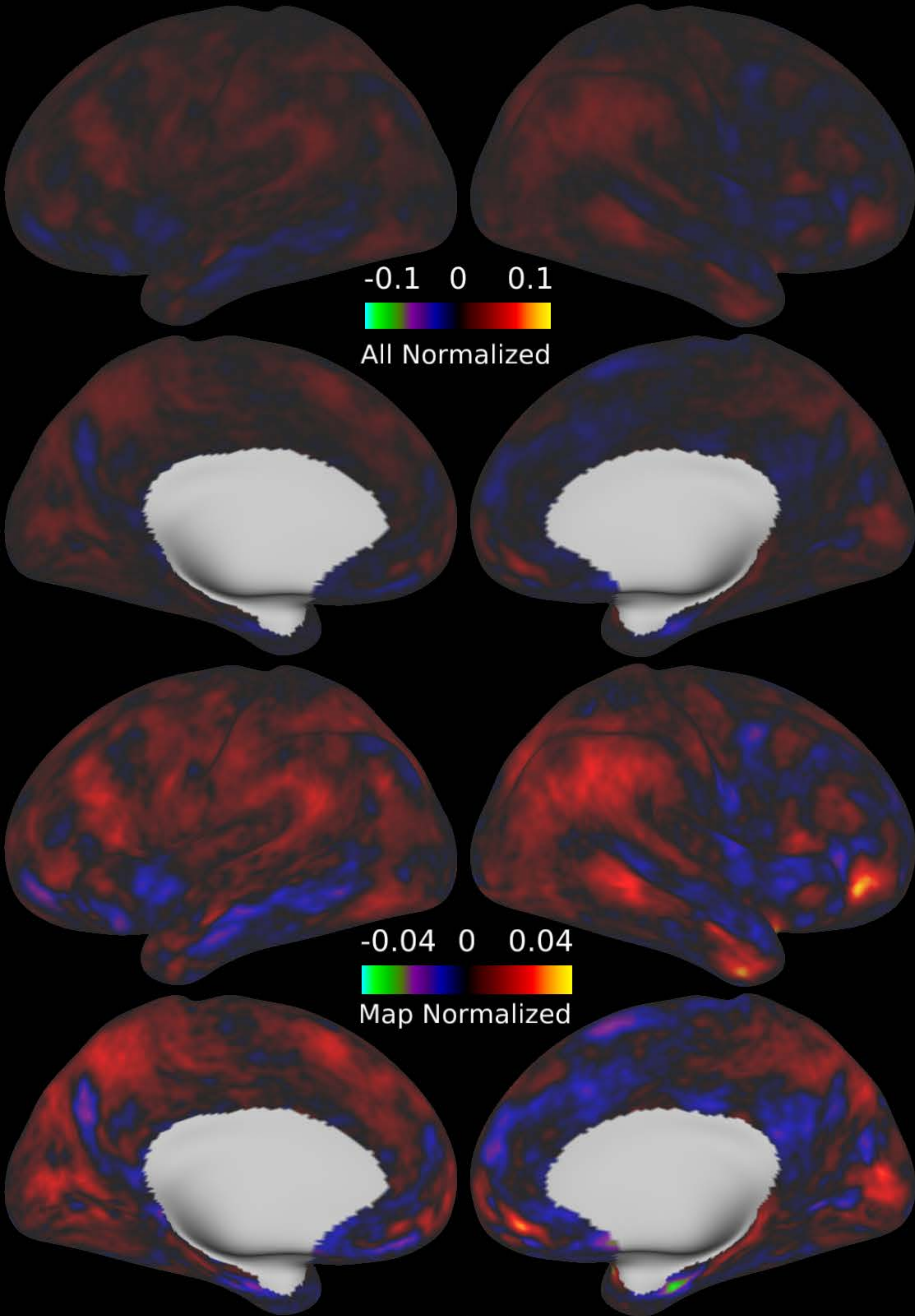
Hertz



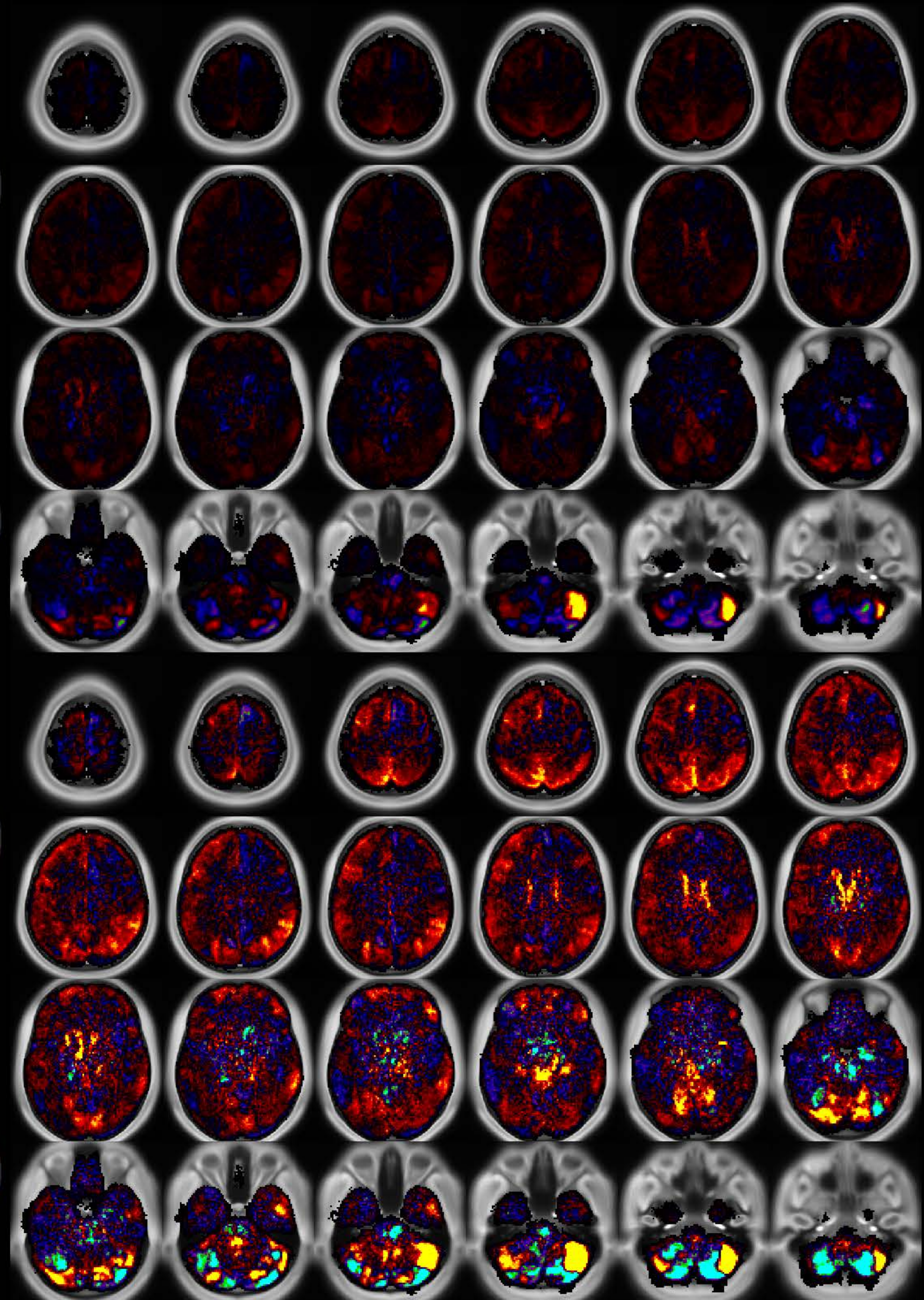
Seconds



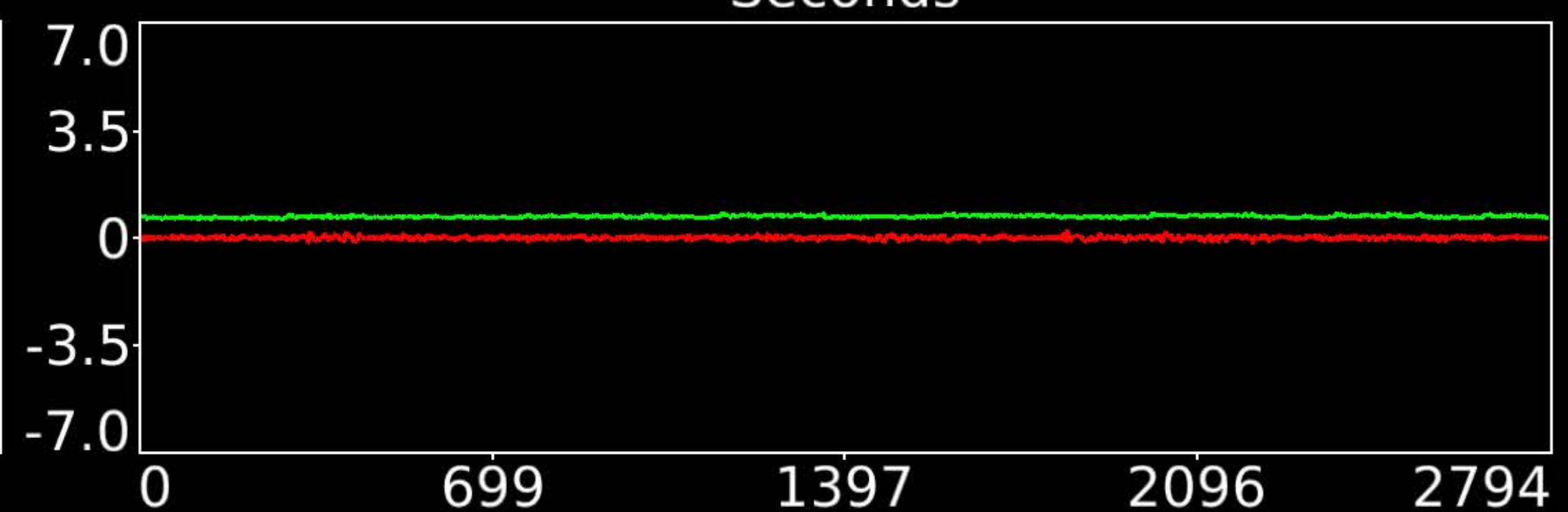
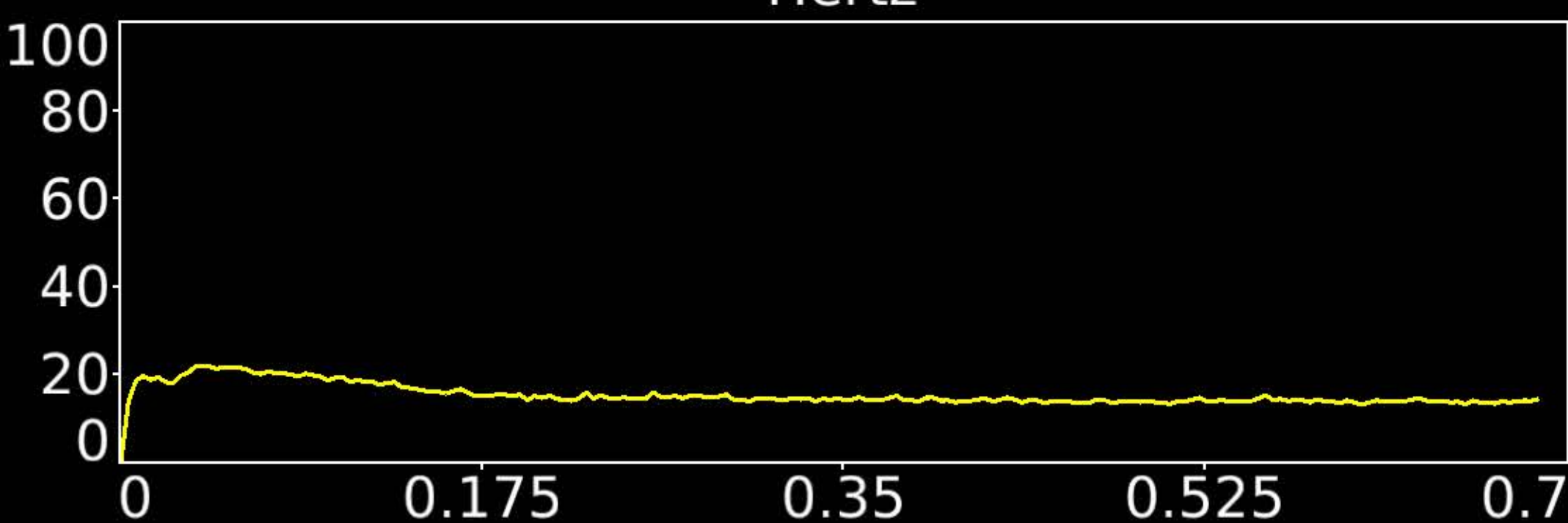
Number & Class: 51 Noise		Name: R Inferior Cerebellum > L Inferior Cerebellum	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: Yes	% Variance Explained: 0.92	Globality Index: 0.06	
Task Component: 54	Rest Component: No	Task Modulated: No	
Rationale: Classified same as TC54: single subject component whose spatial map is not reflective of known RSNs or areas			



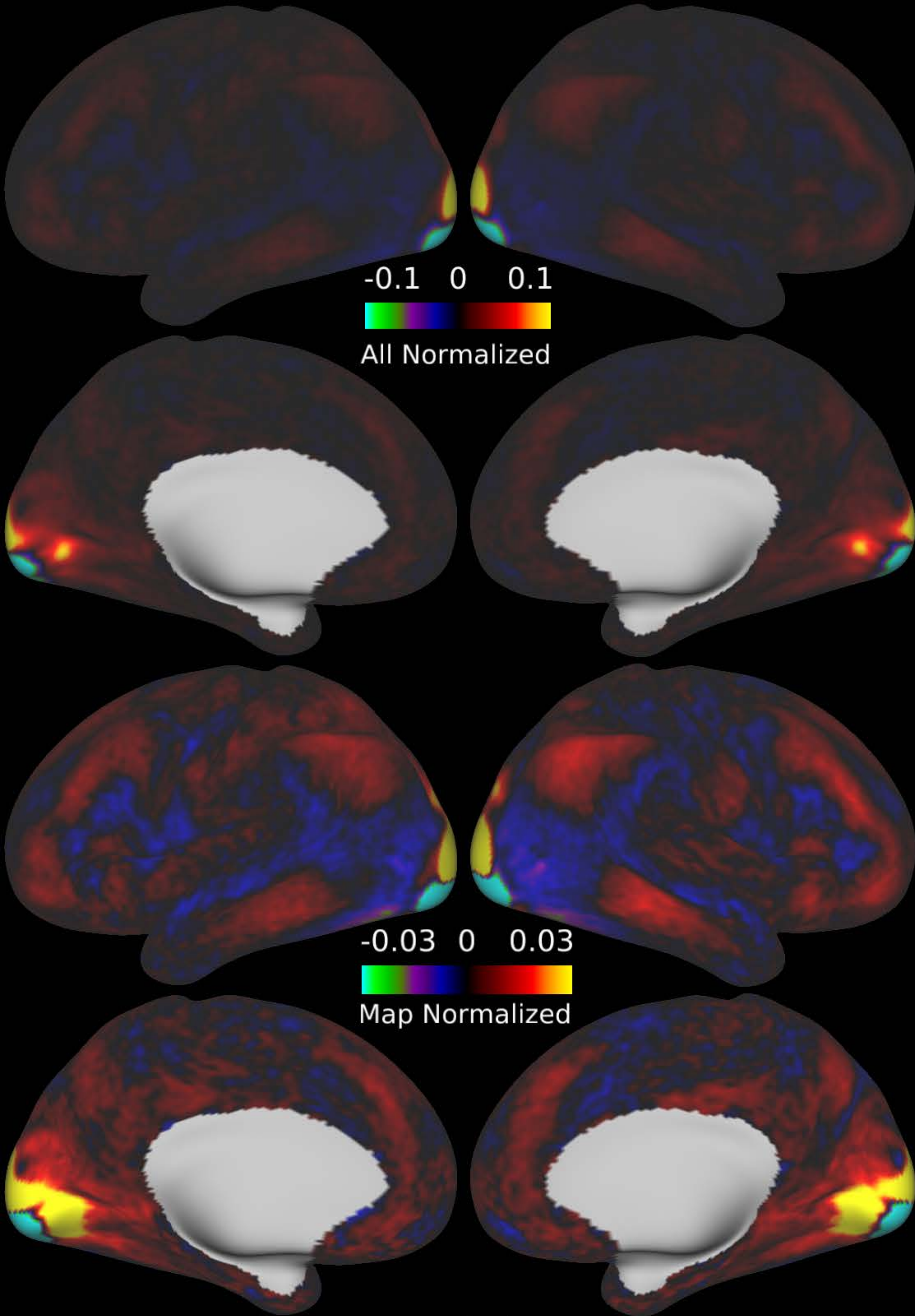
Hertz



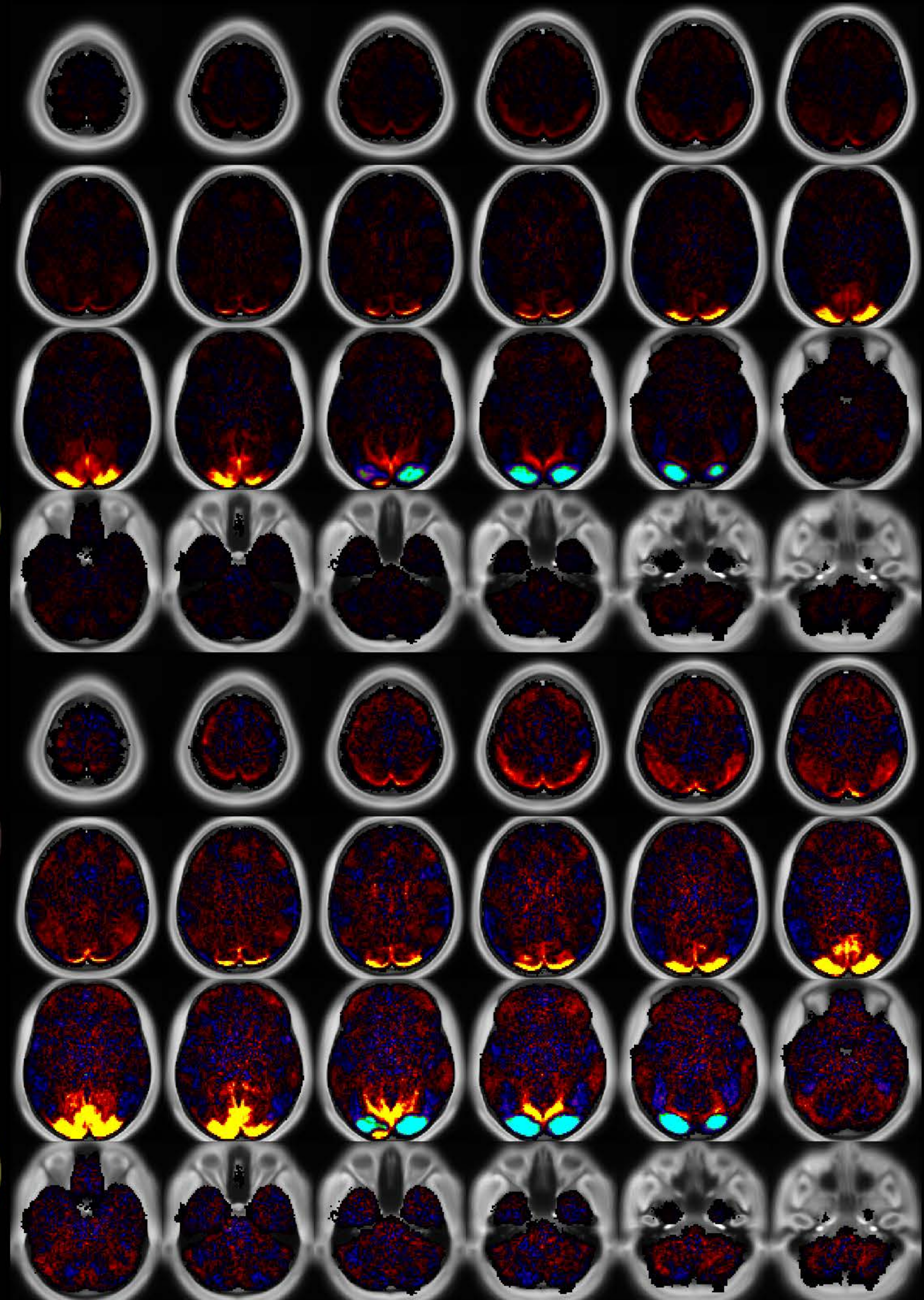
Seconds



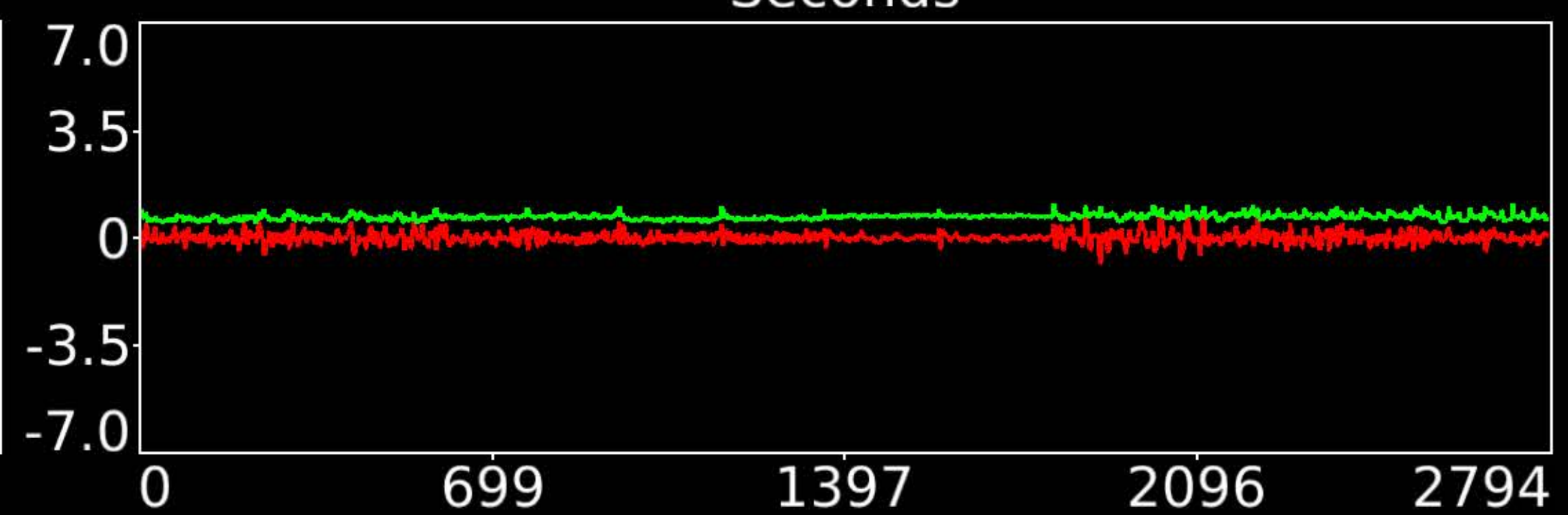
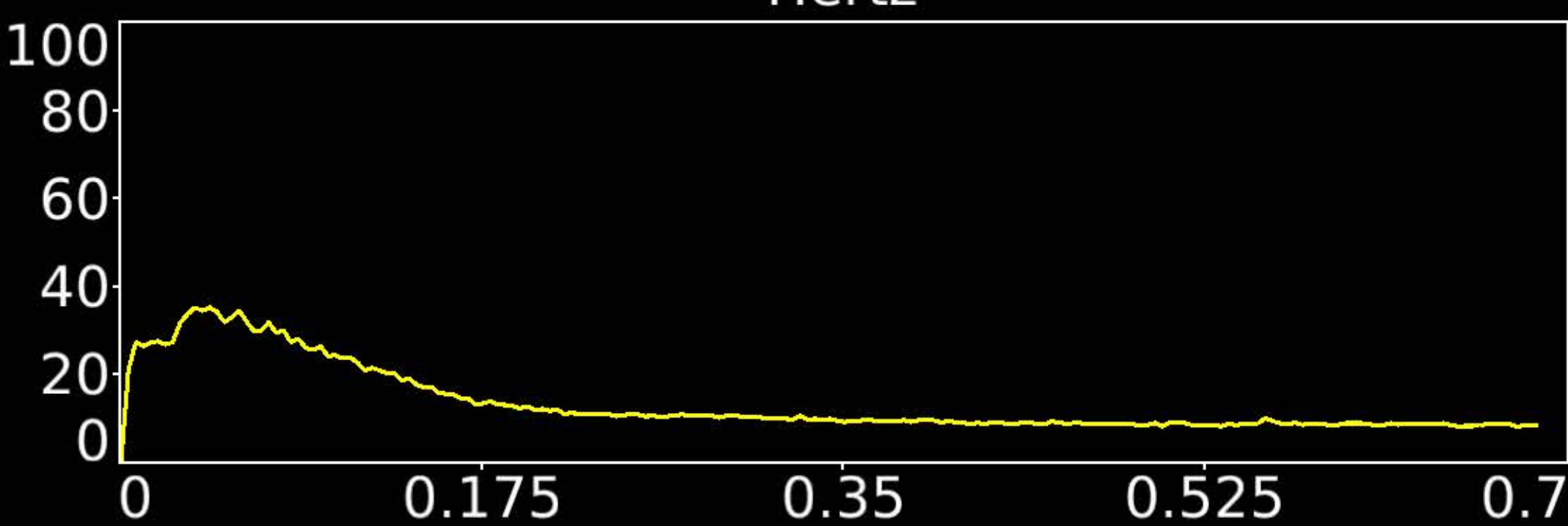
Number & Class: 52 Noise		Name: R Cerebellum Near Sigmoid Sinus	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: Yes	% Variance Explained: 0.91	Globality Index: 0.71	
Task Component: 48	Rest Component: No	Task Modulated: No	
Rationale: Classified same as TC48: single subject component whose spatial map is not reflective of known RSNs or areas			



Hertz

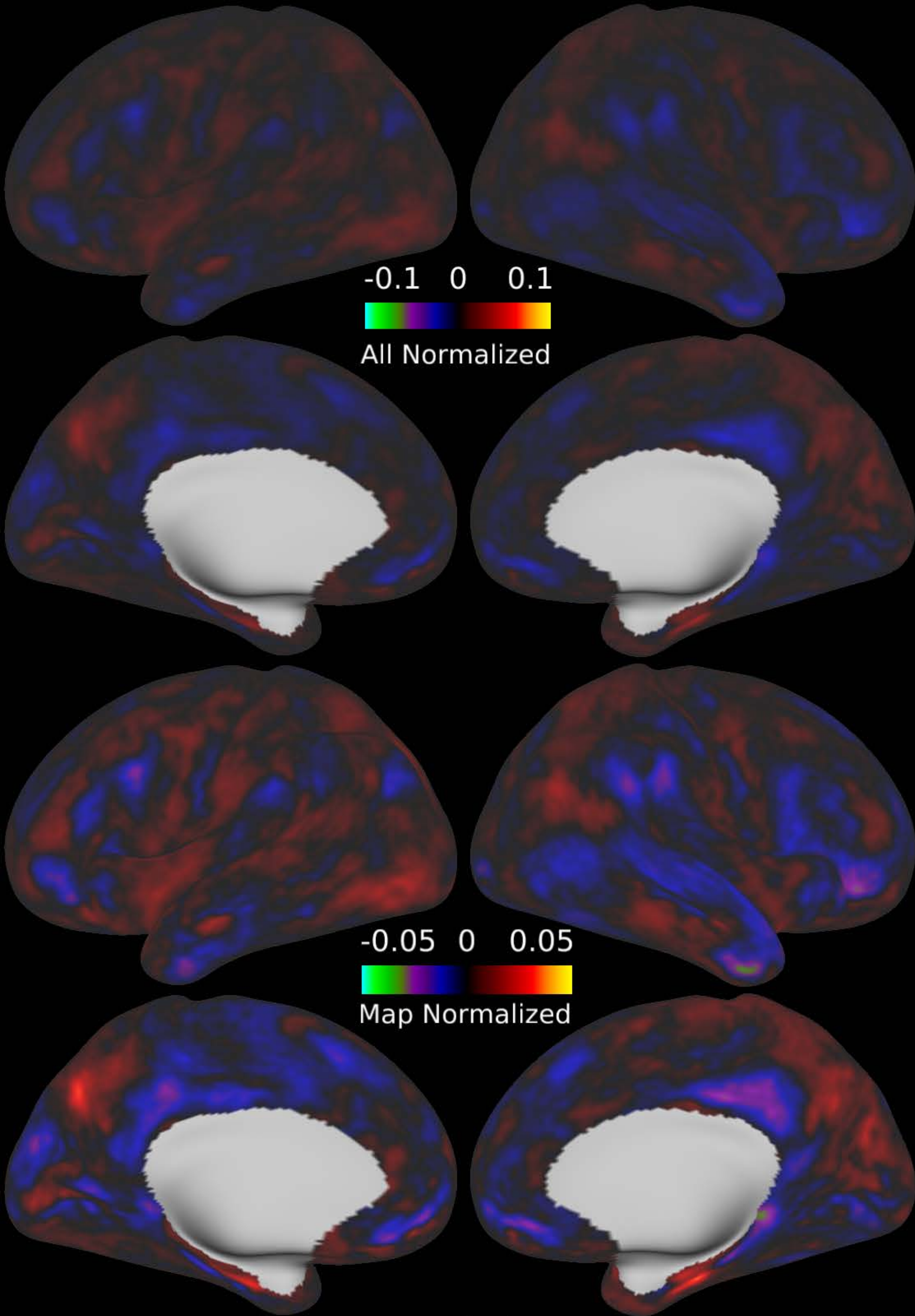


Seconds

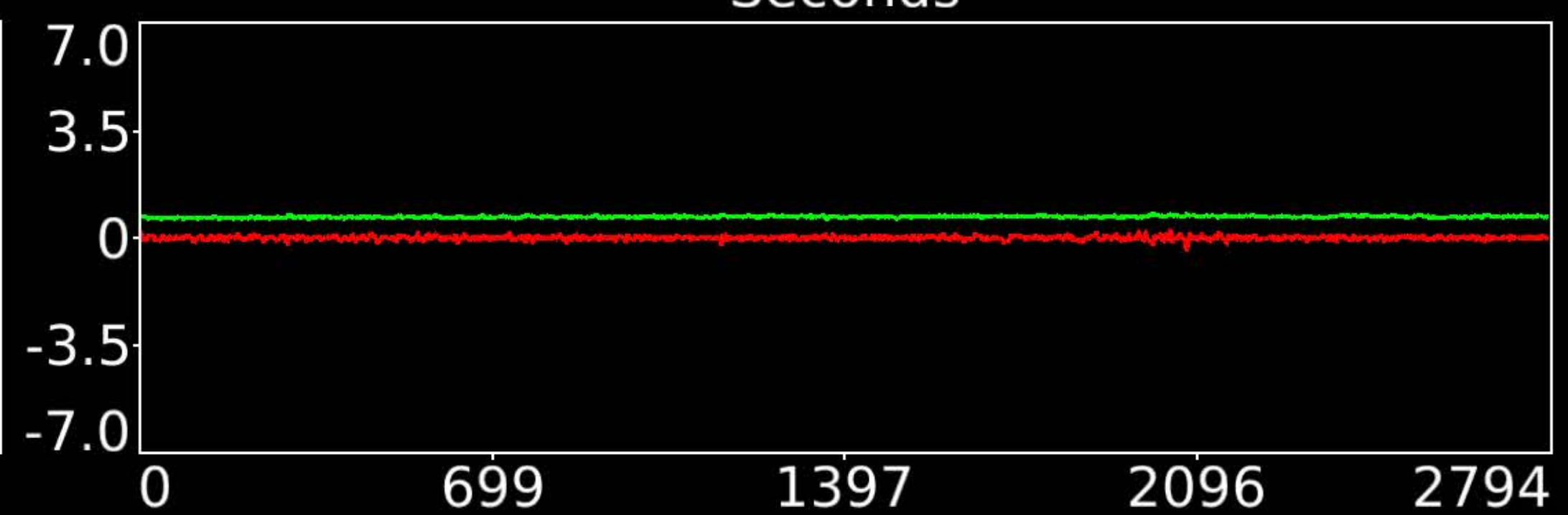
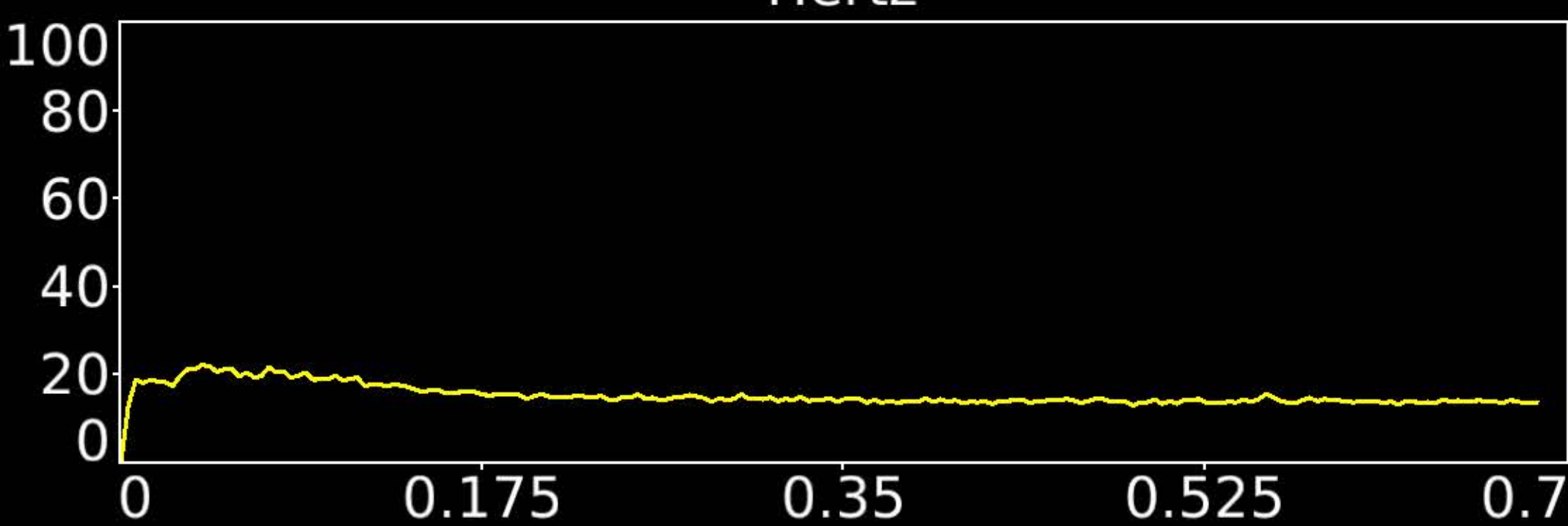
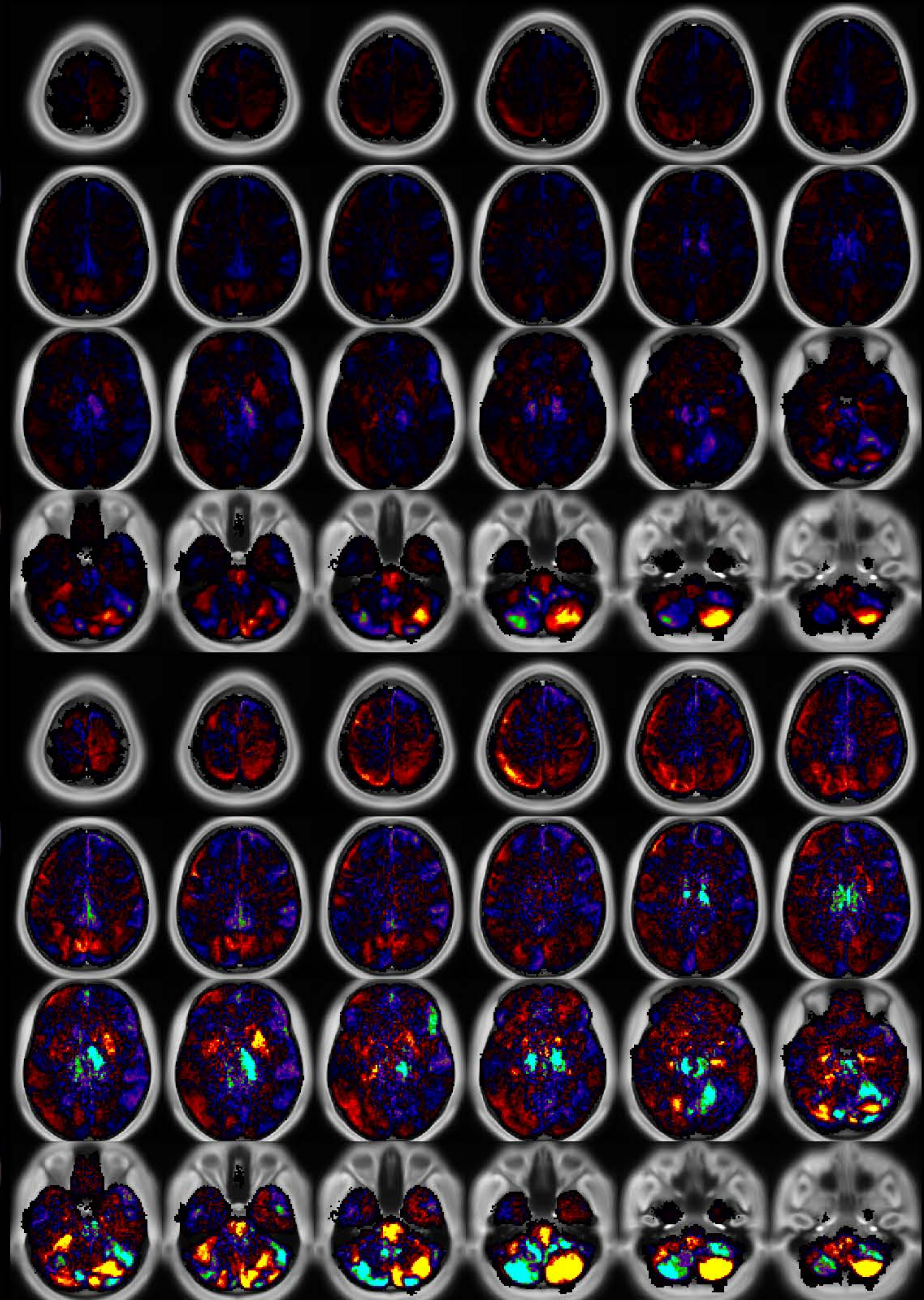


Number & Class: 53 Signal		Name: Visuotopic: Foveal Dorsal > Ventral	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.91	Globality Index: 0.81	
Task Component: 65	Rest Component: 76	Task Modulated: No	

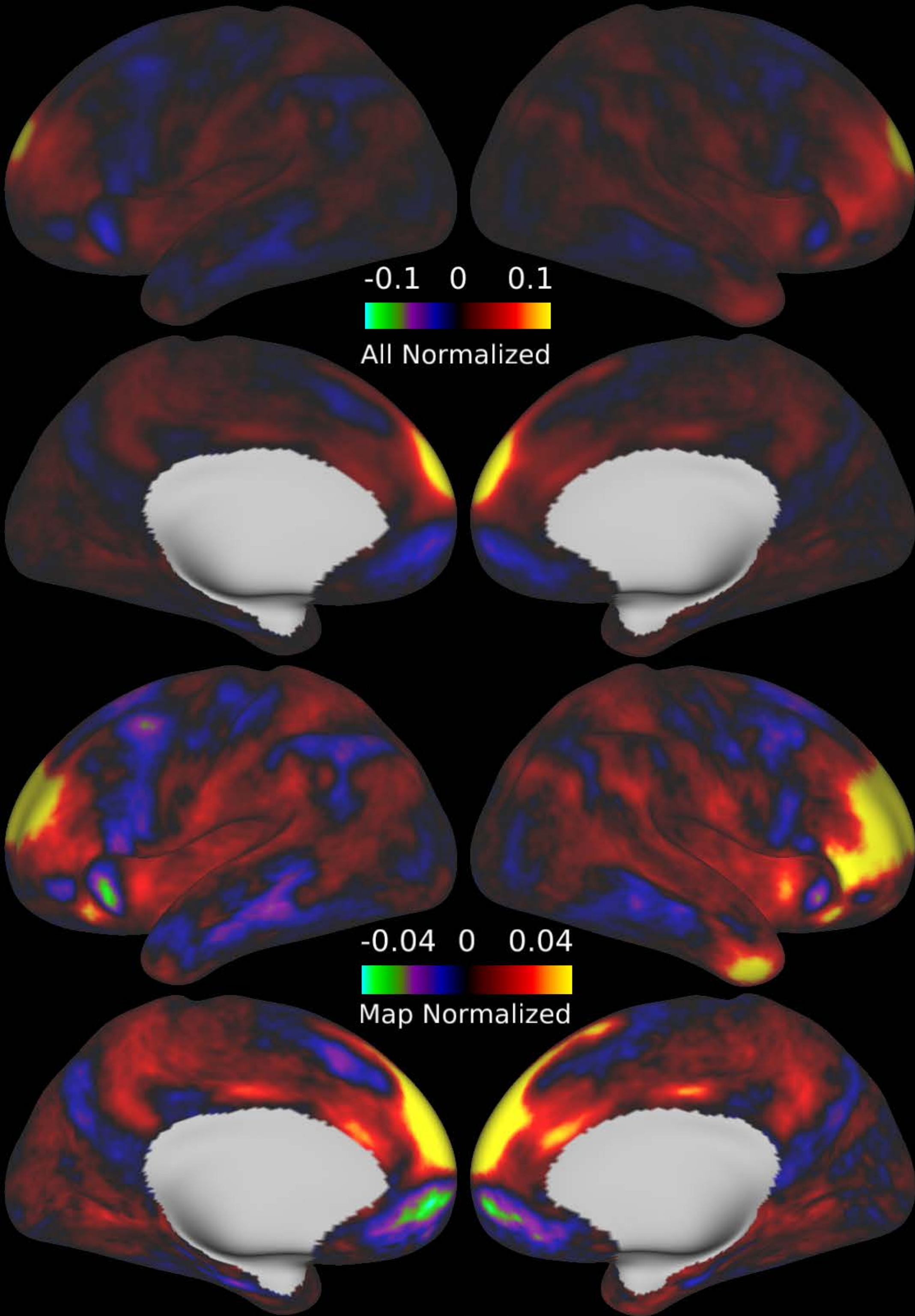
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Foveal and Lower vs Upper)



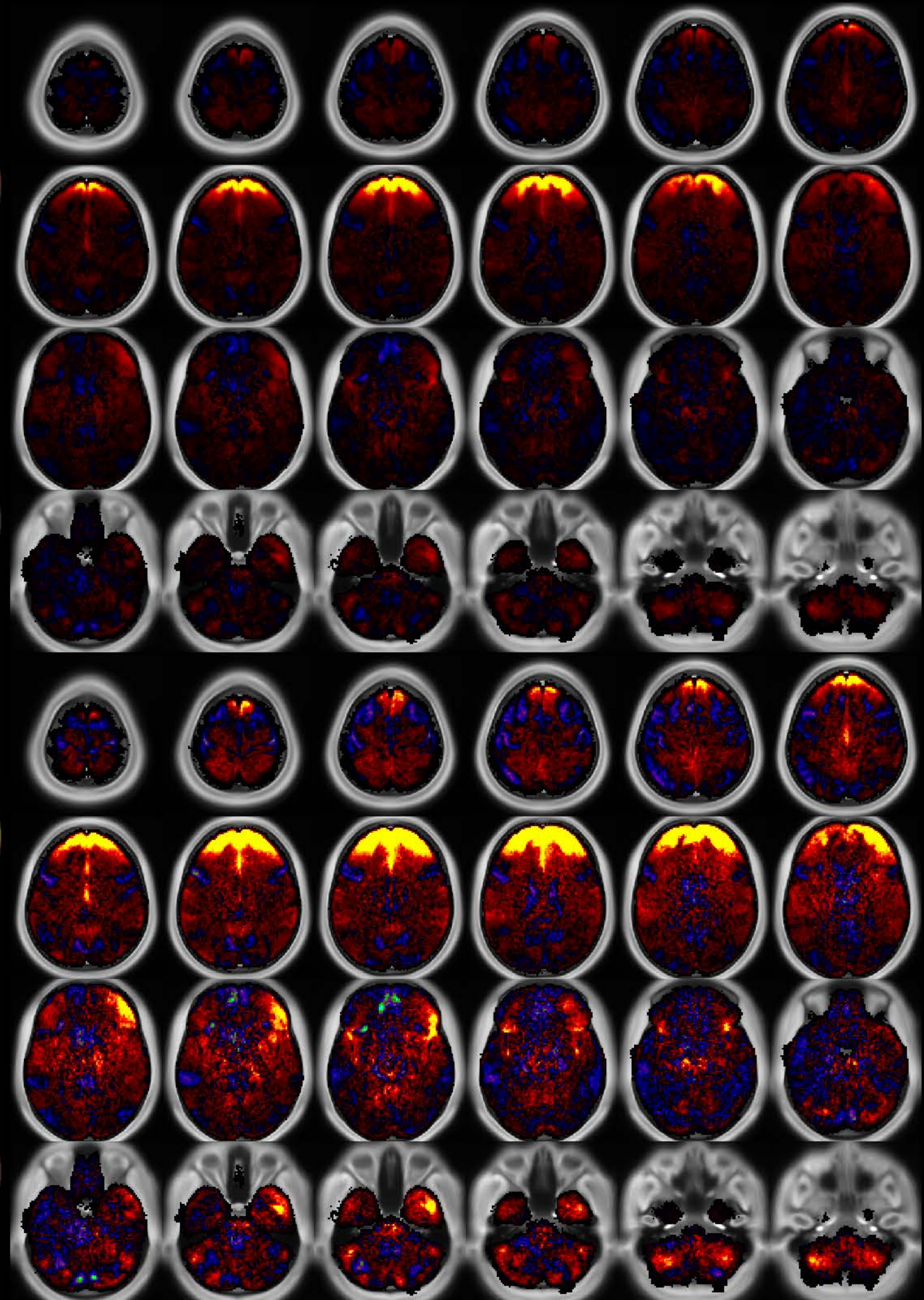
Hertz



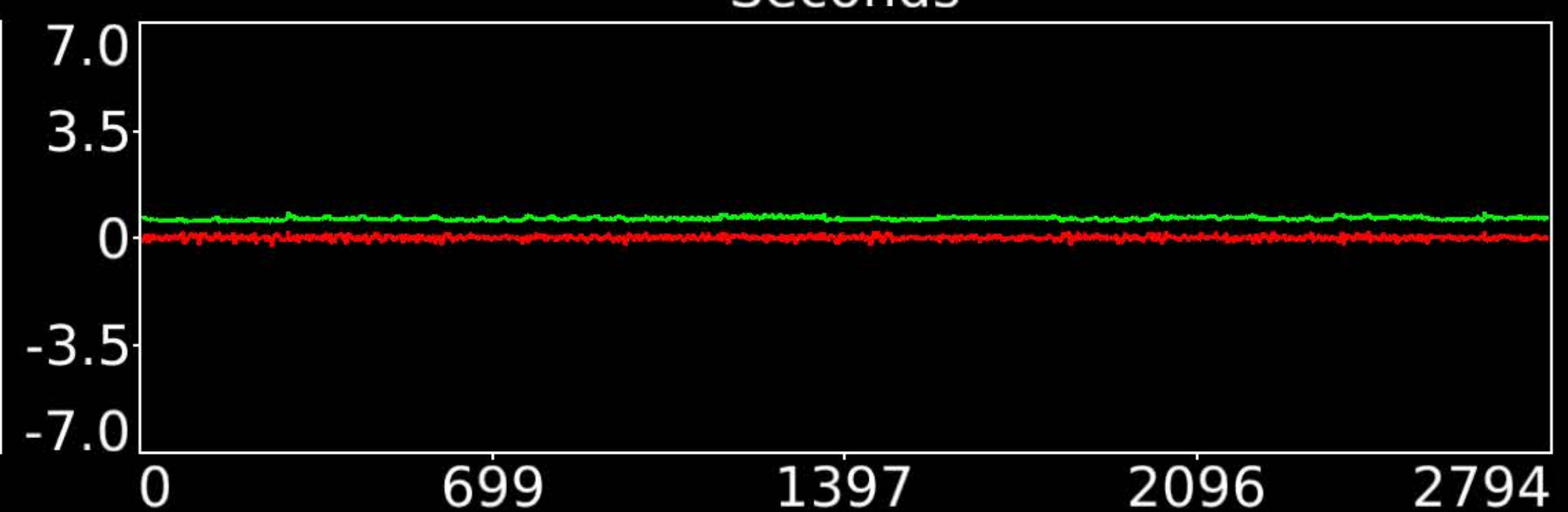
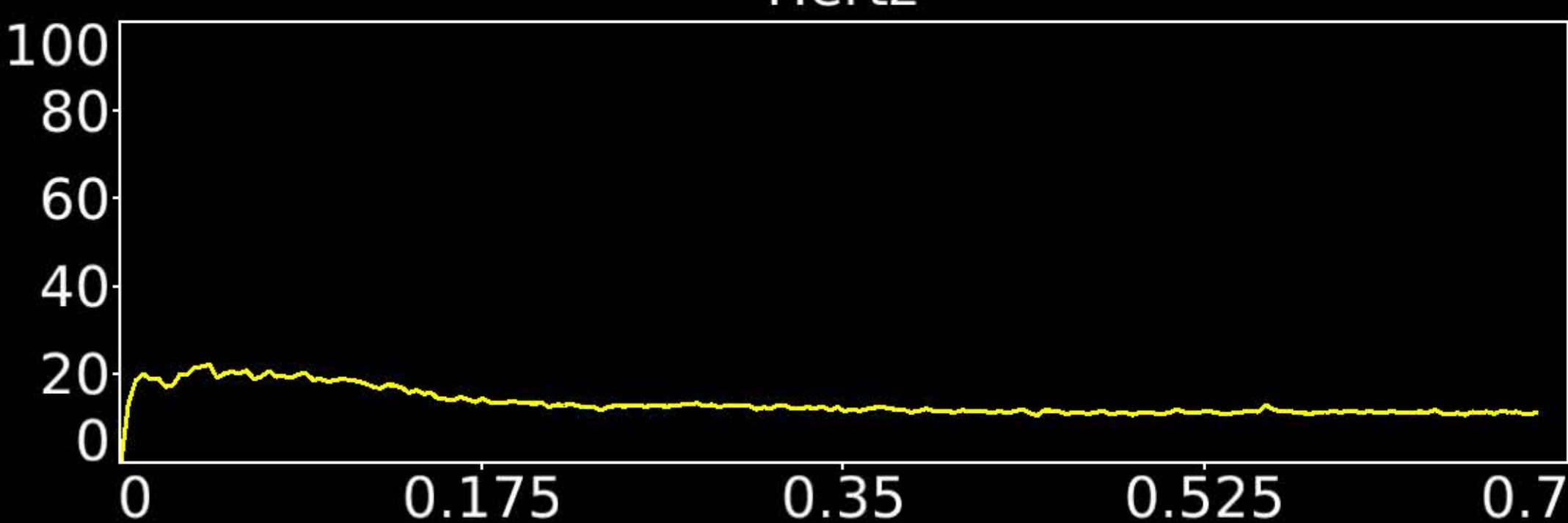
Number & Class: 54 Noise		Name: R Inferior Cerebellum > L Inferior Cerebellum	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: Yes	% Variance Explained: 0.9	Globality Index: 0.13	
Task Component: 55	Rest Component: No	Task Modulated: No	
Rationale: Single subject component not reflective of known areas or RSNs			



Hertz

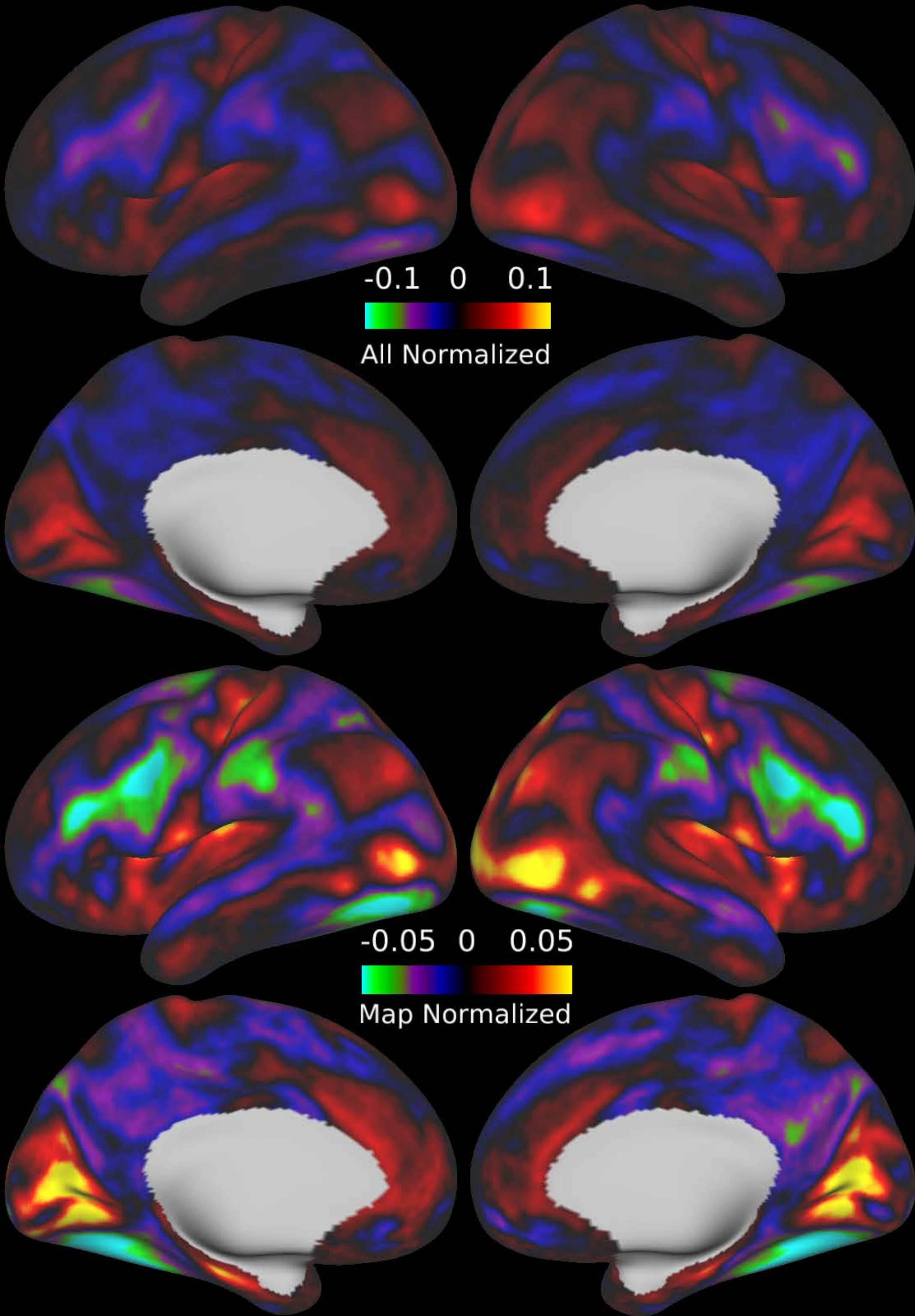


Seconds

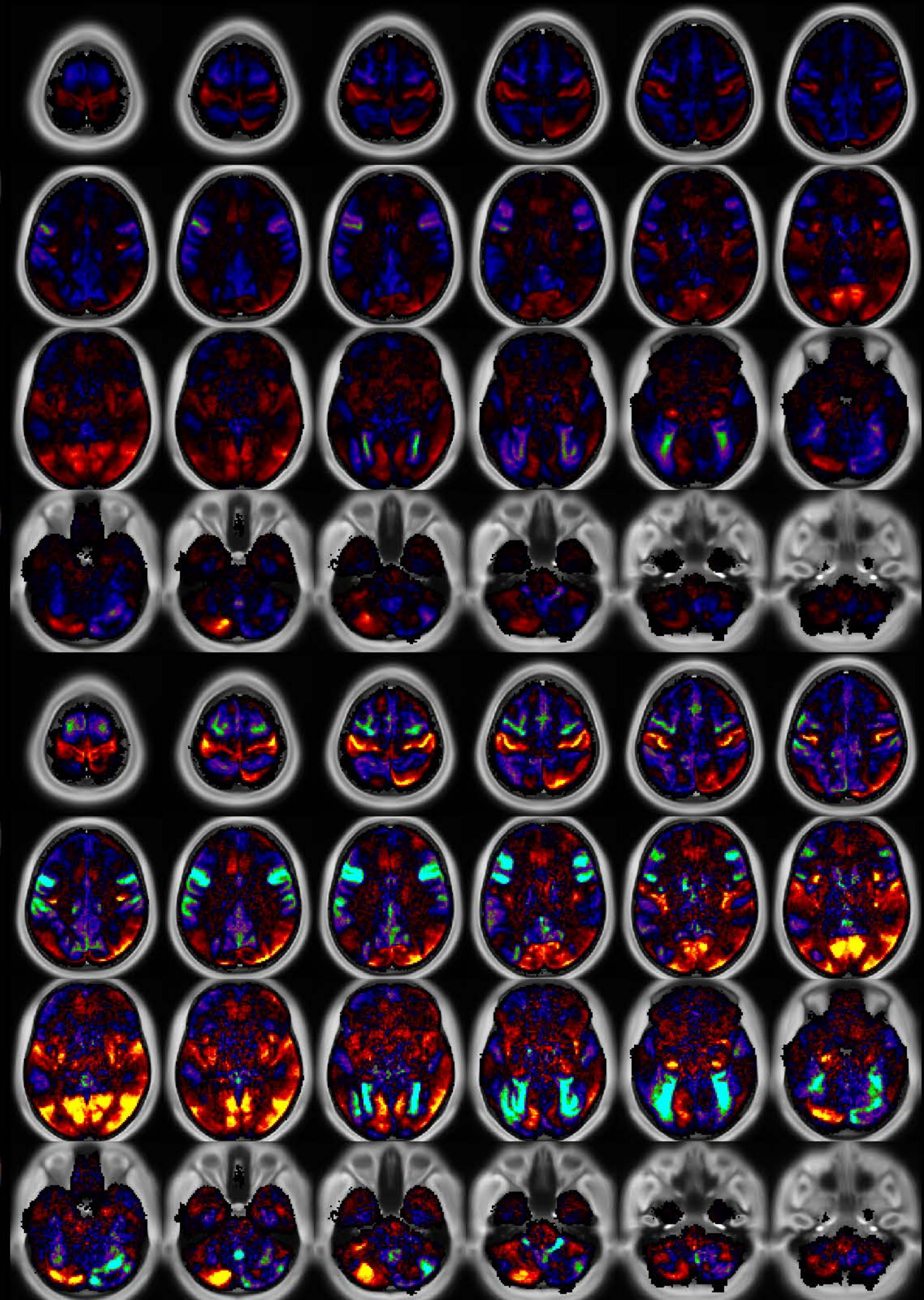


Number & Class: 55 Noise		Name: Coil?	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes	
Single Subject: Yes	% Variance Explained: 0.78	Globality Index: 1.25	
Task Component: 64	Rest Component: 70	Task Modulated: No	

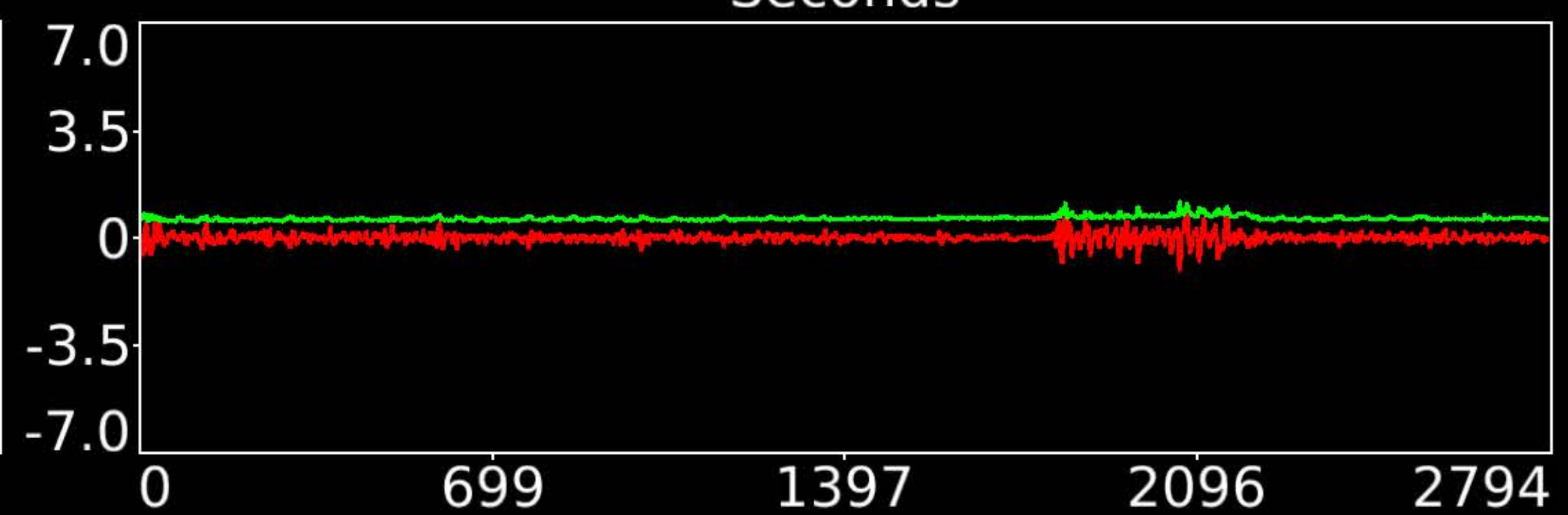
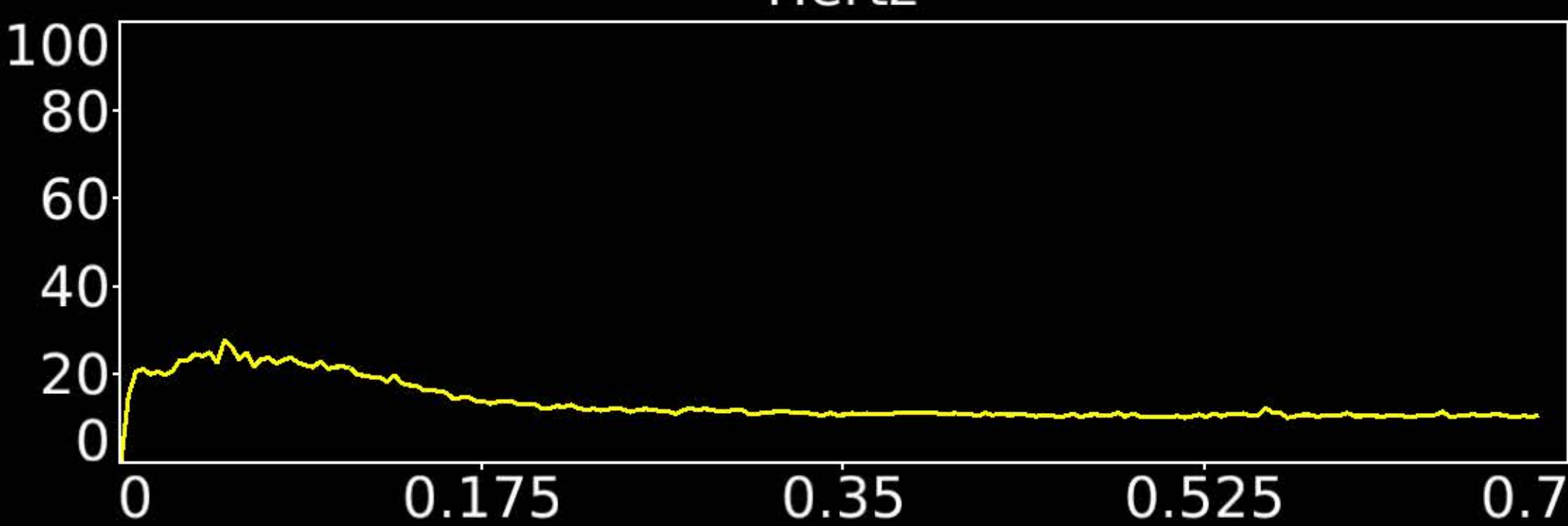
Rationale: Spatial map is a band across frontal cortex and white matter; could be related to coil; head motion; or eye motion



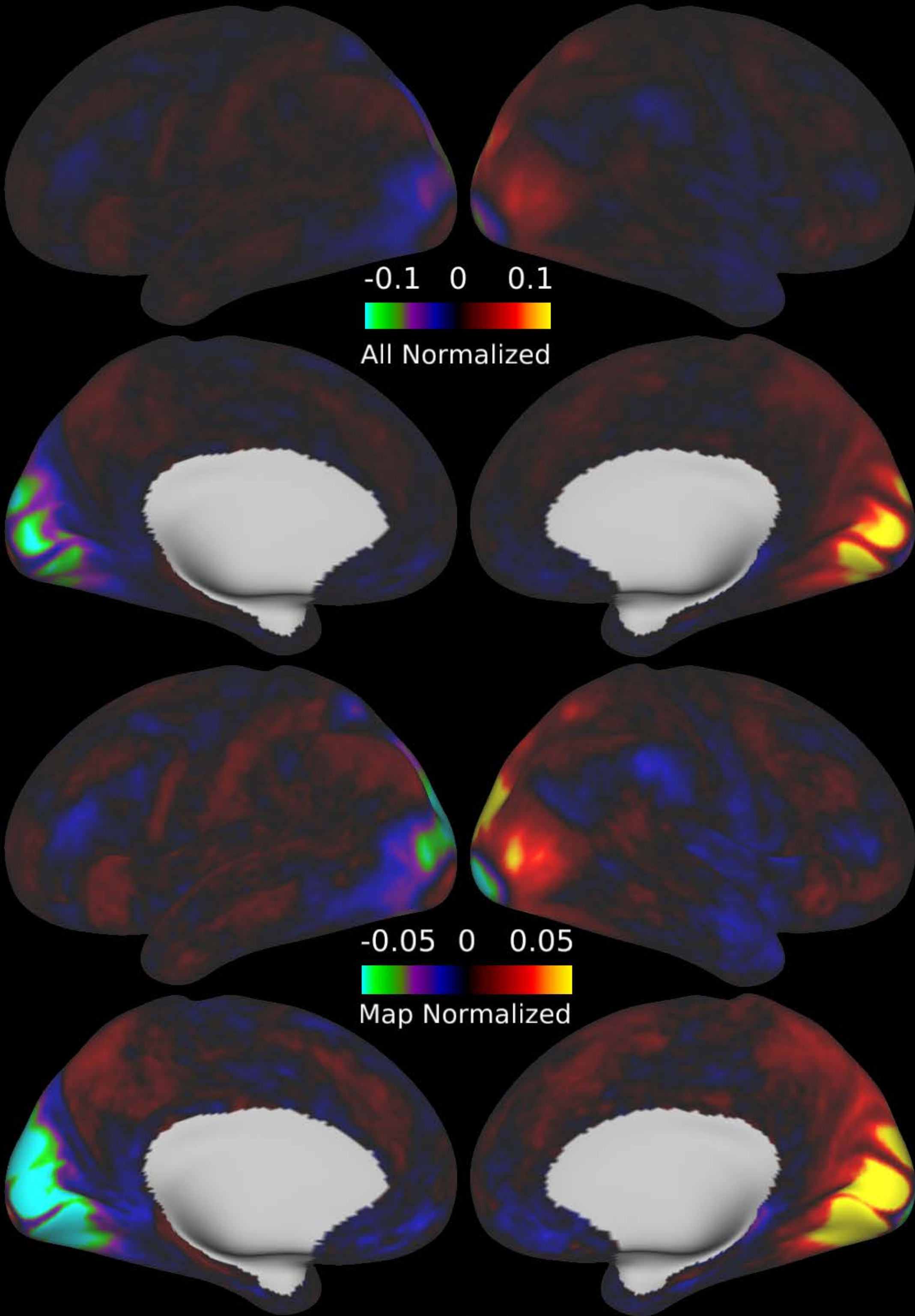
Hertz



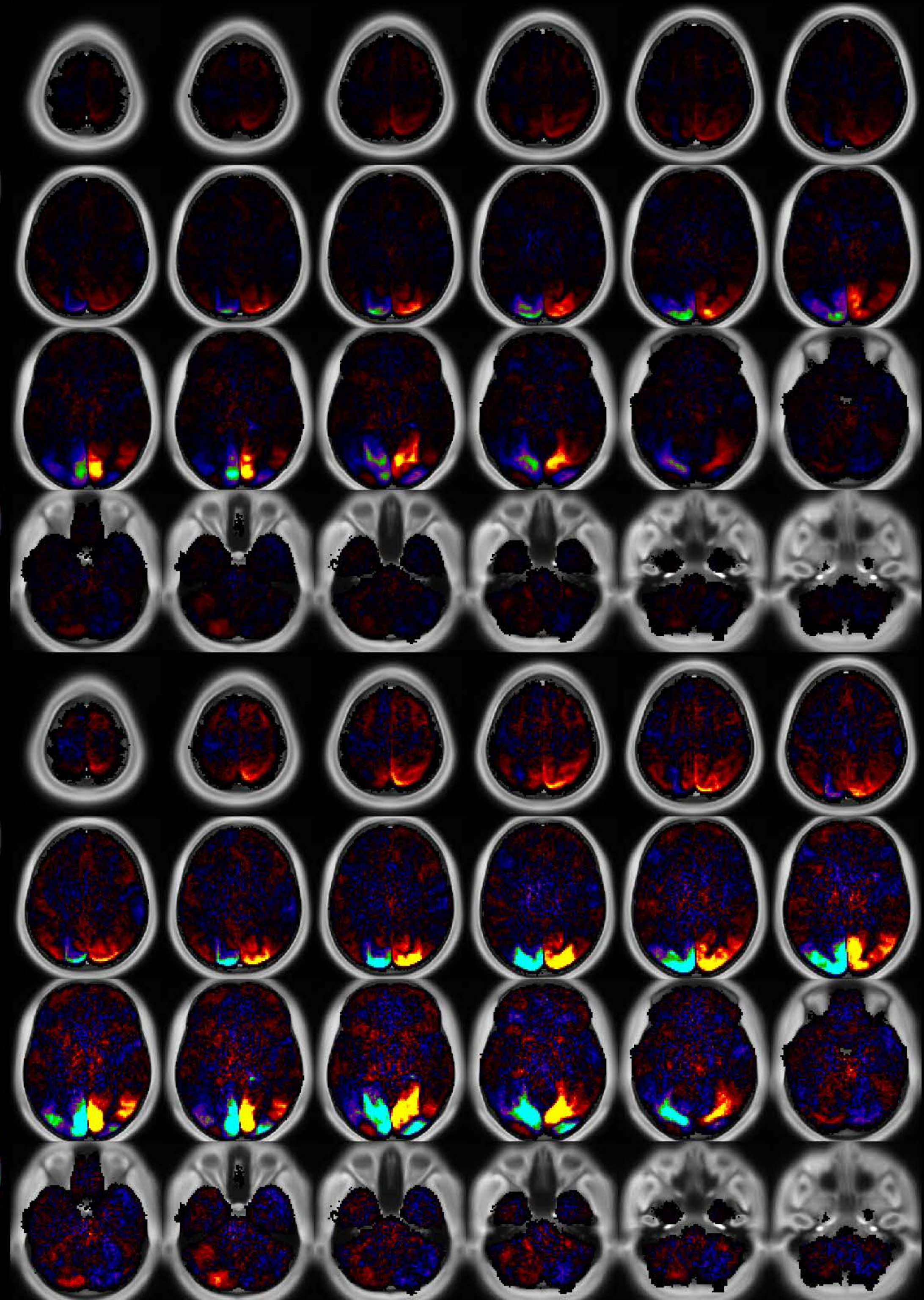
Seconds



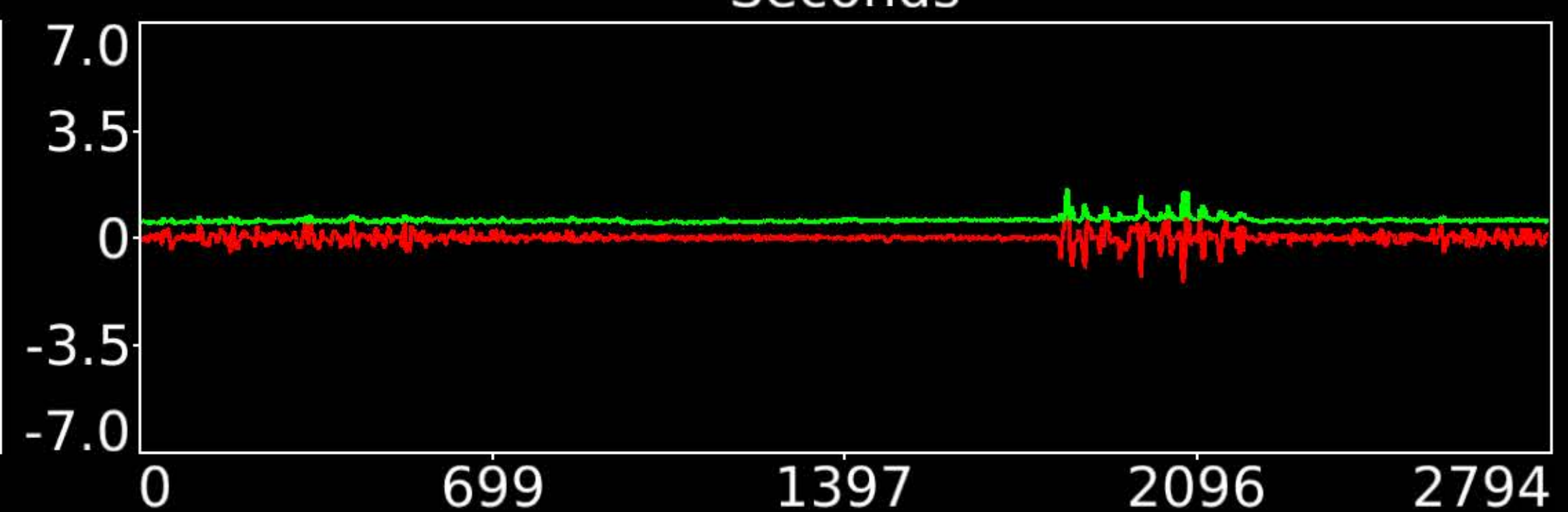
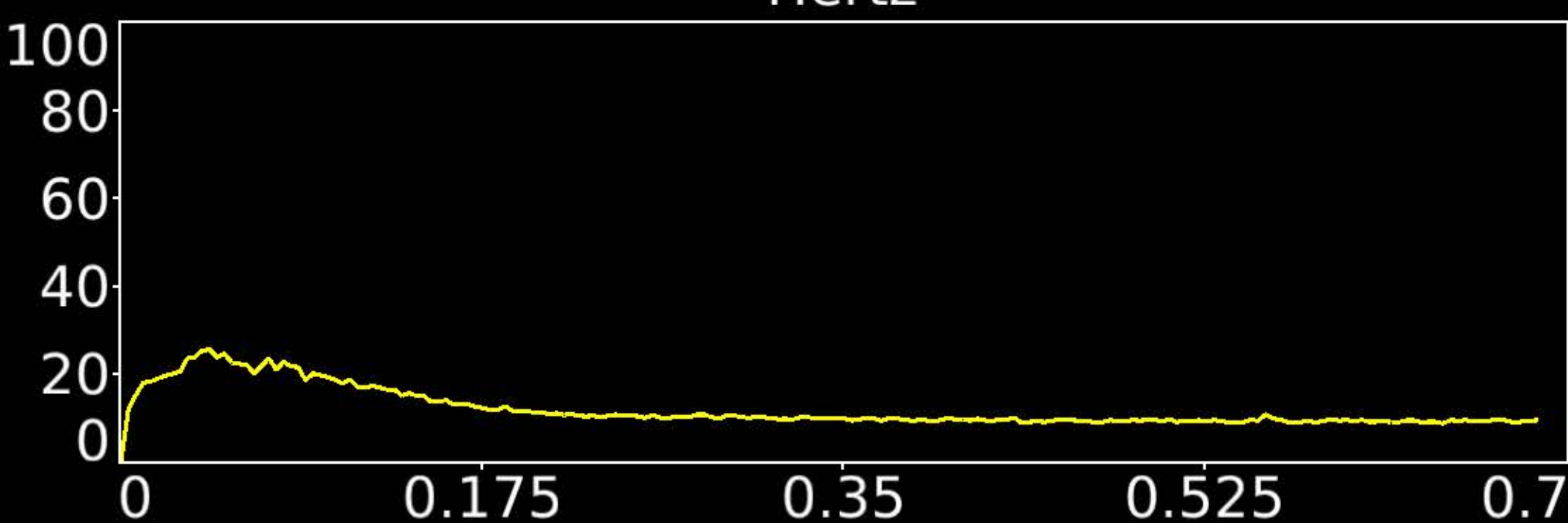
Number & Class: 56 Signal		Name: Unknown Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.77	Globality Index: 0.12	
Task Component: No	Rest Component: No	Task Modulated: No	
Rationale: Spatial map has elements of visuotopy and known RSNs though in an atypical arrangement			



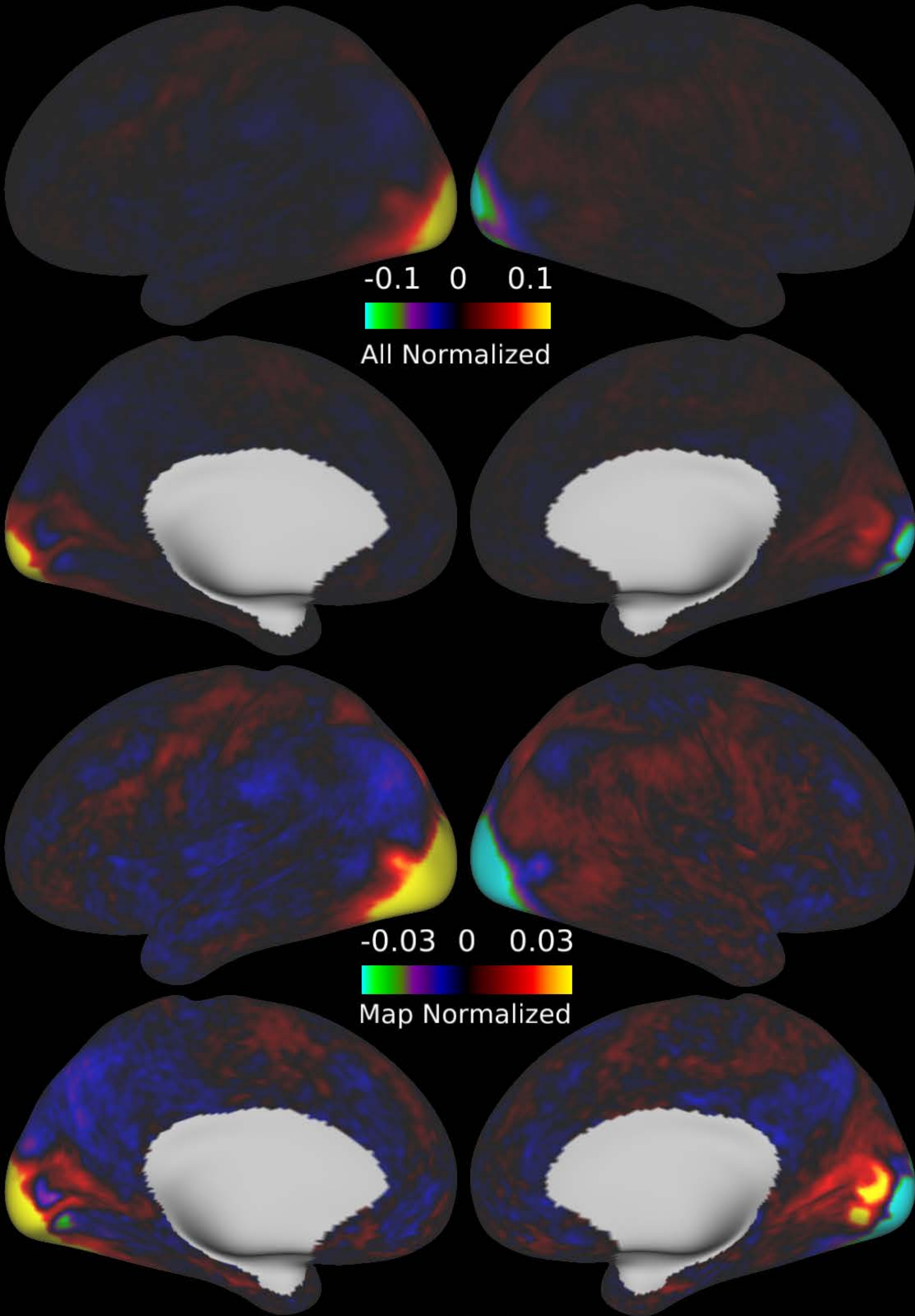
Hertz



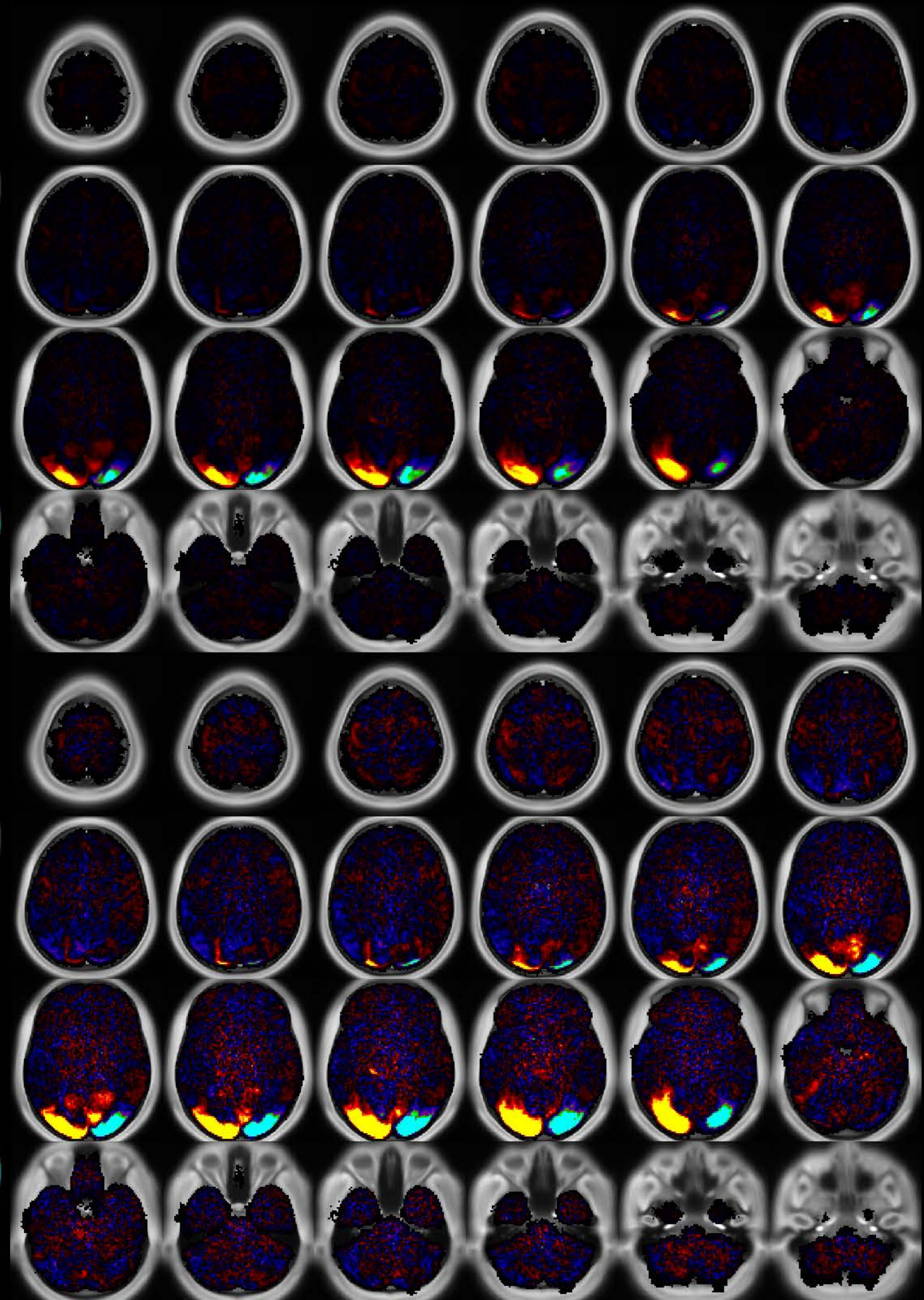
Seconds



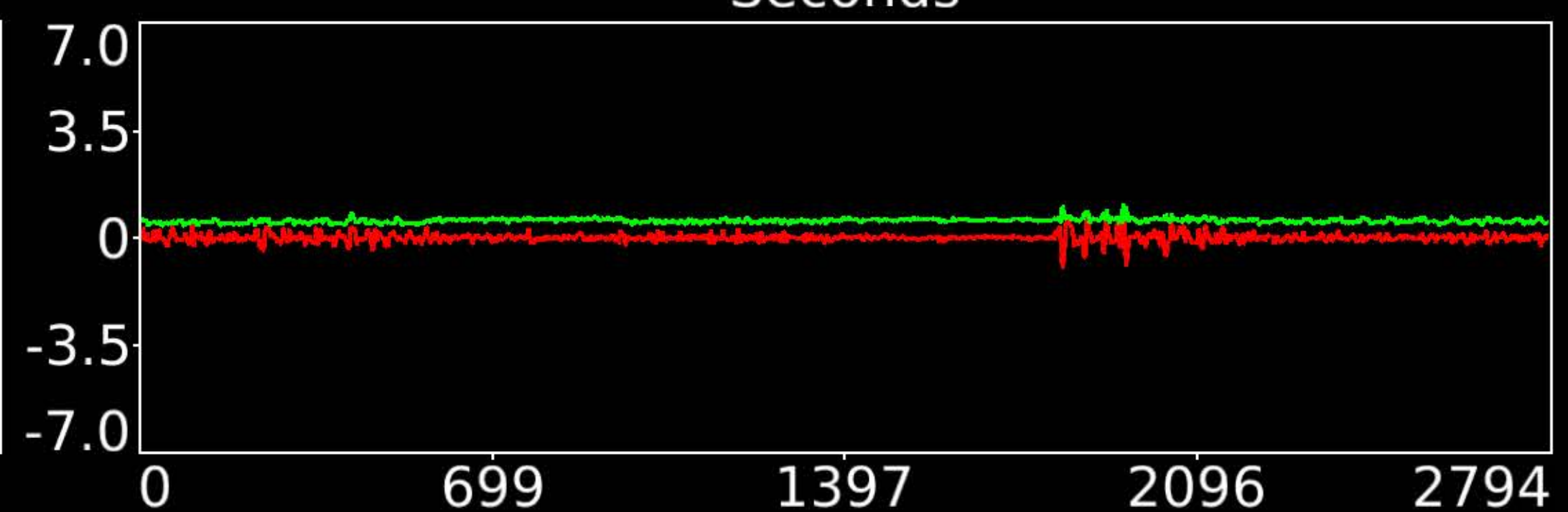
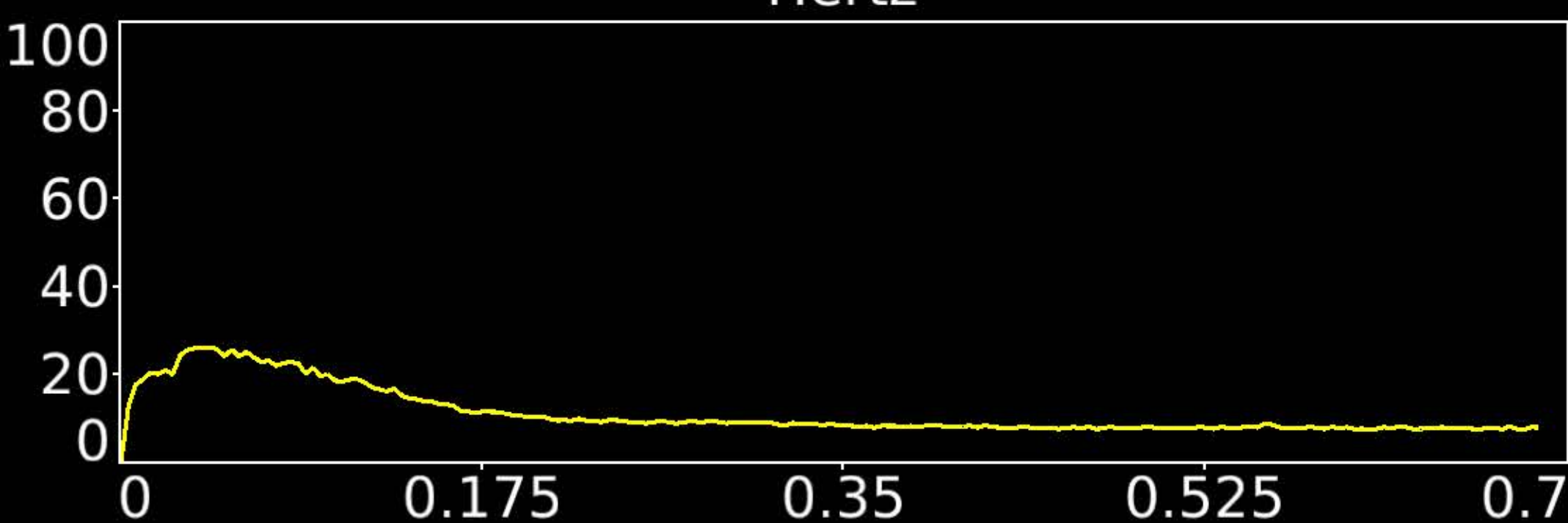
Number & Class: 57 Signal		Name: Visuotopic: Paracentral Right > Left	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.63	Globality Index: 0.29	
Task Component: -69	Rest Component: 84	Task Modulated: Social	
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Peripheral Right vs Left)			



Hertz



Seconds



Number & Class: 58 Signal		Name: Visuotopic: Foveal Left > Right	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No	
Single Subject: No	% Variance Explained: 0.61	Globality Index: 0.02	
Task Component: 70	Rest Component: 81	Task Modulated: No	

Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Foveal Right vs Left)