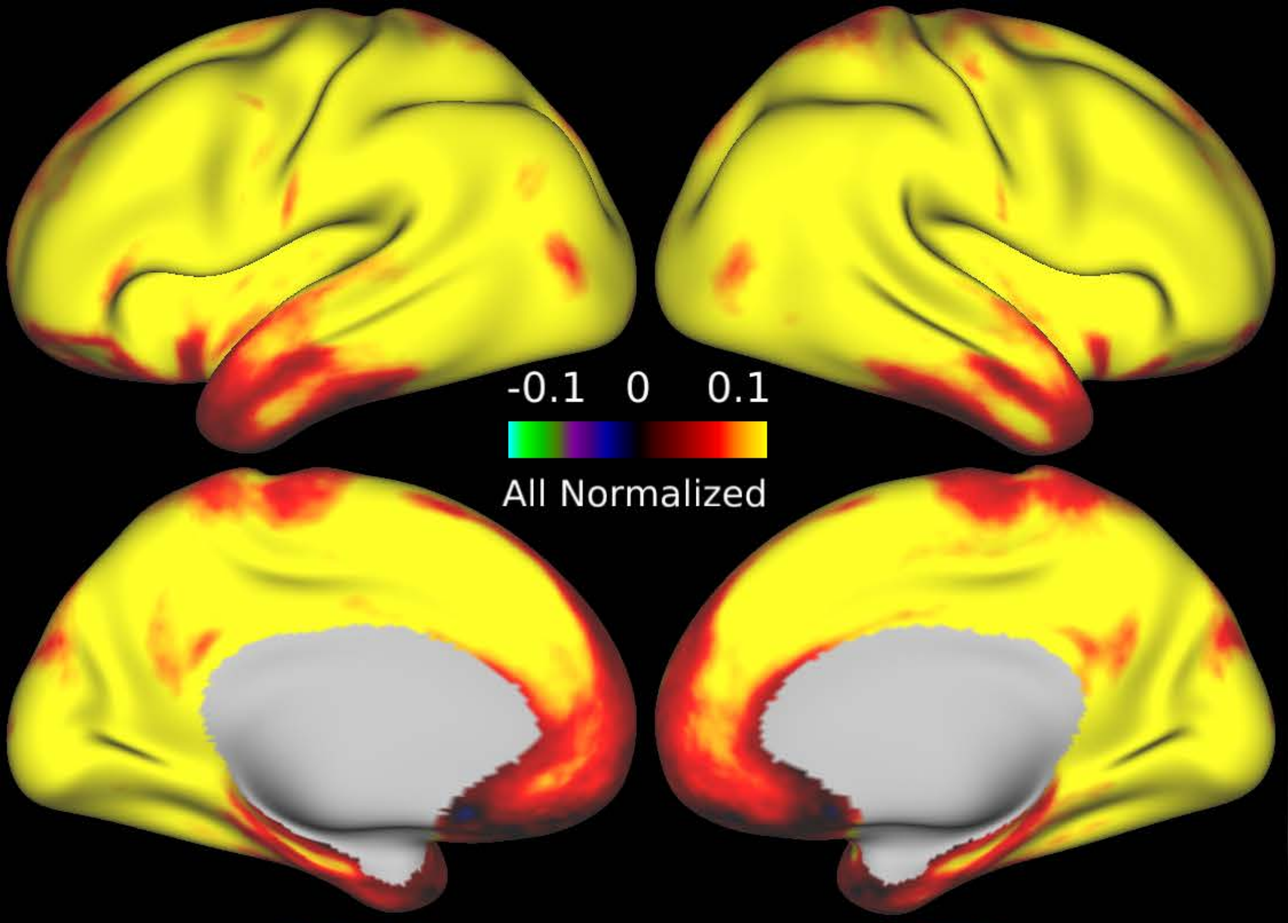

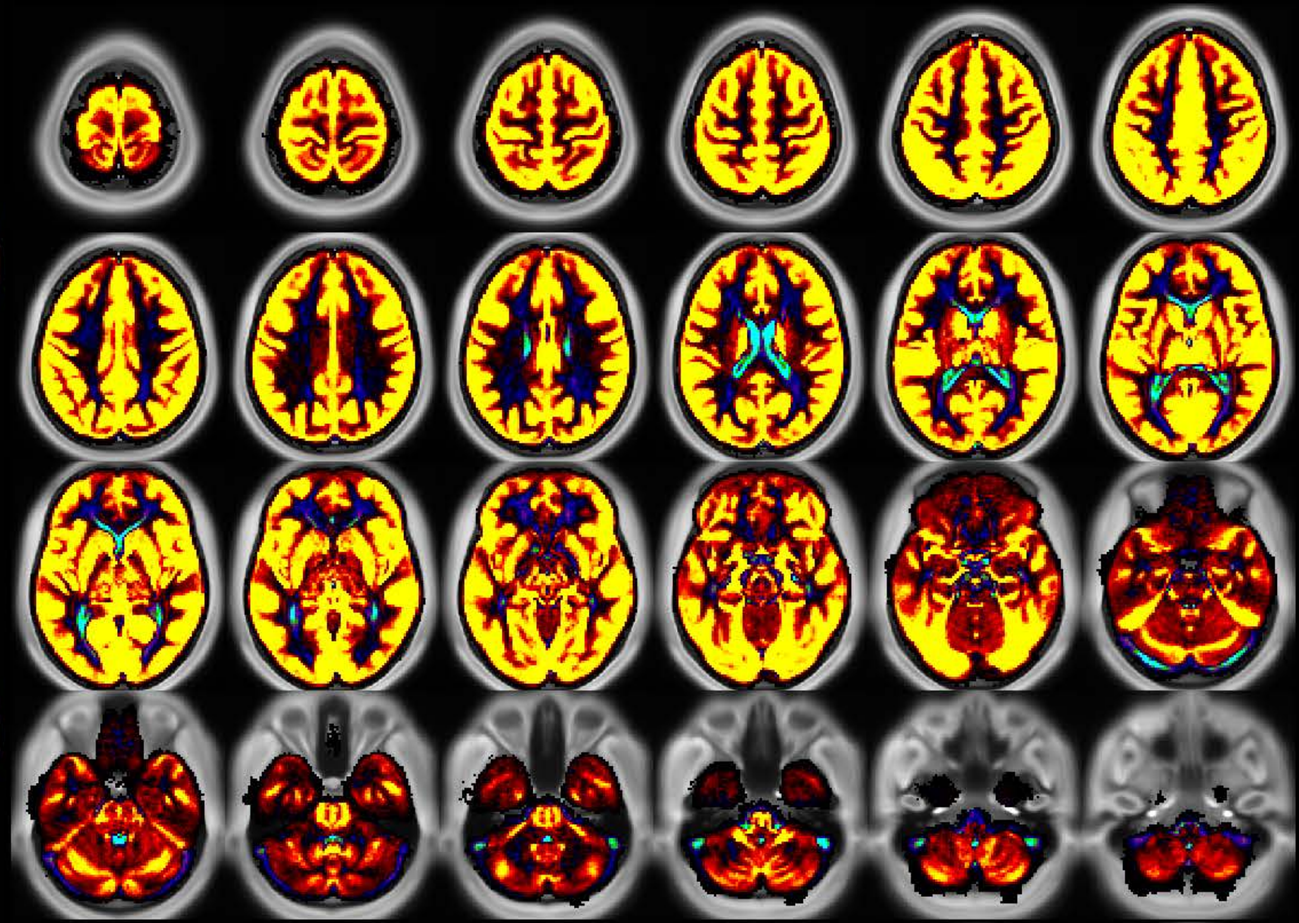

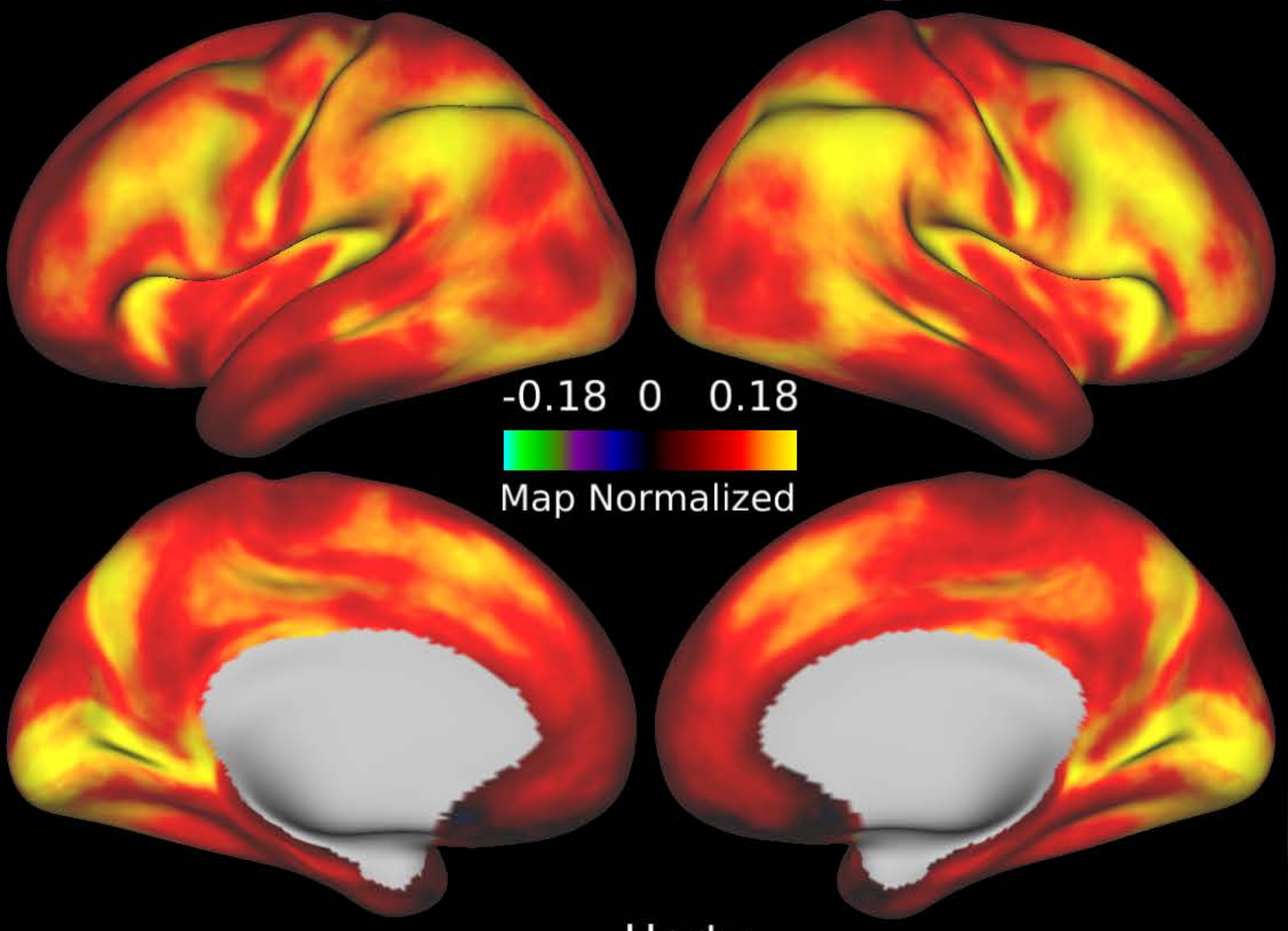

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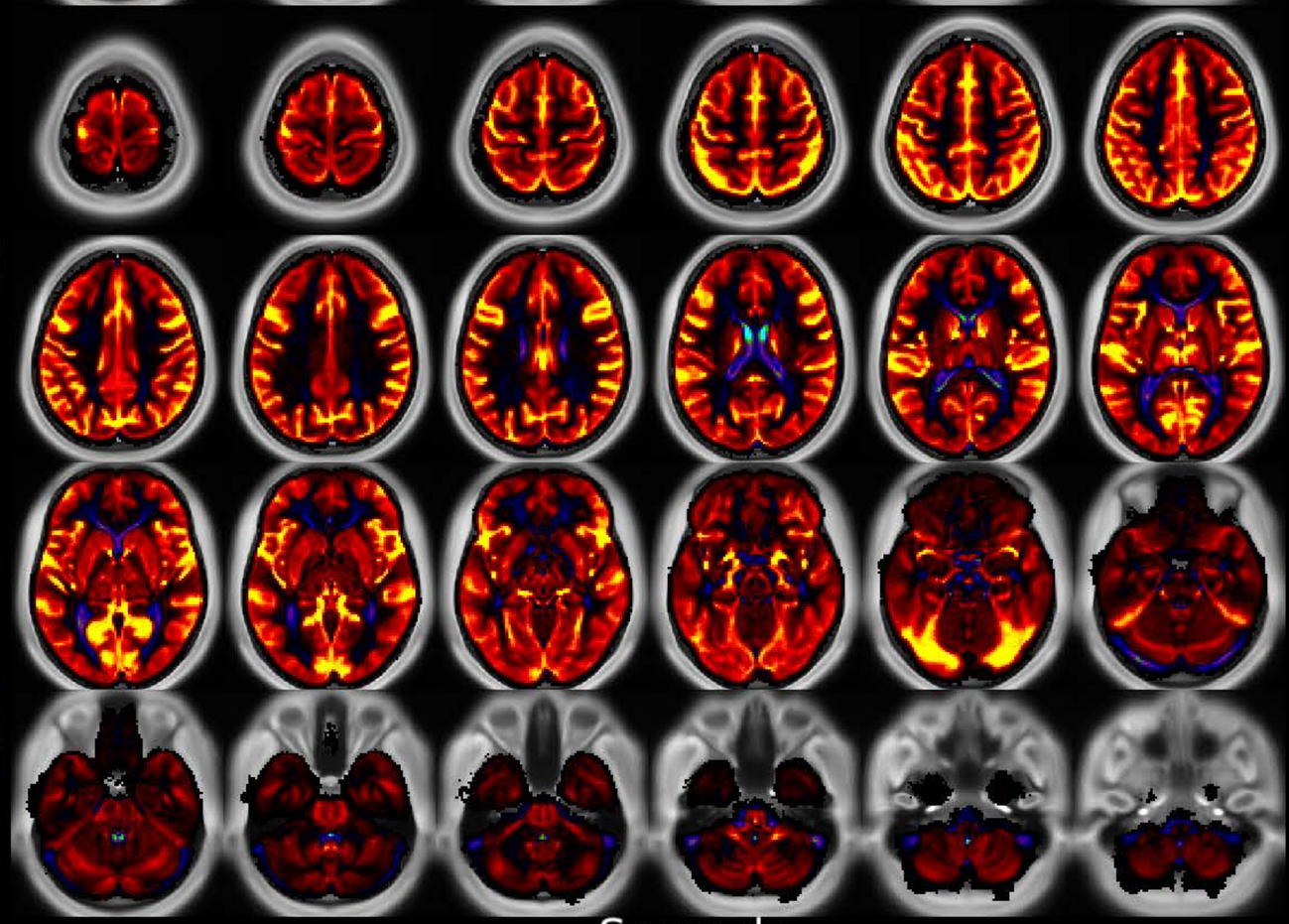

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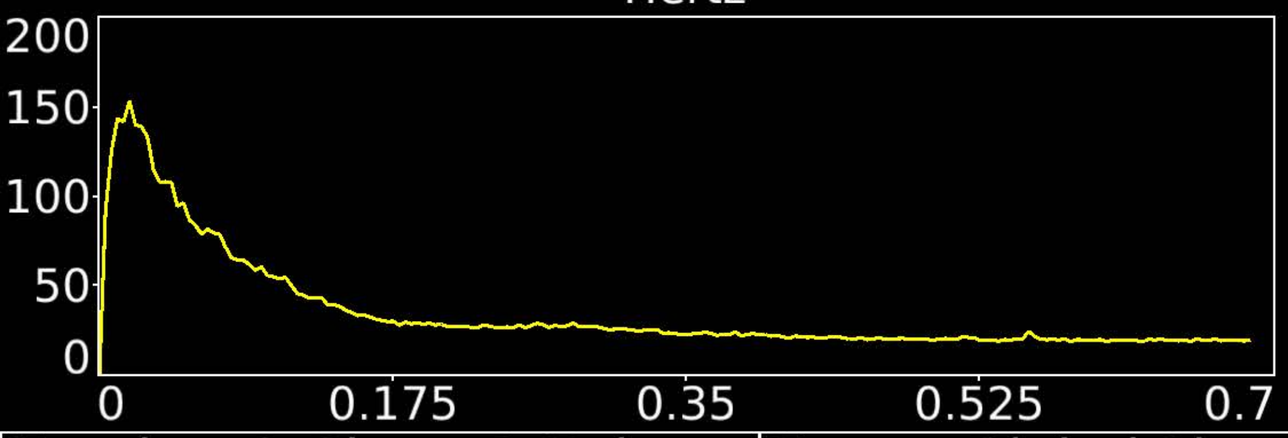
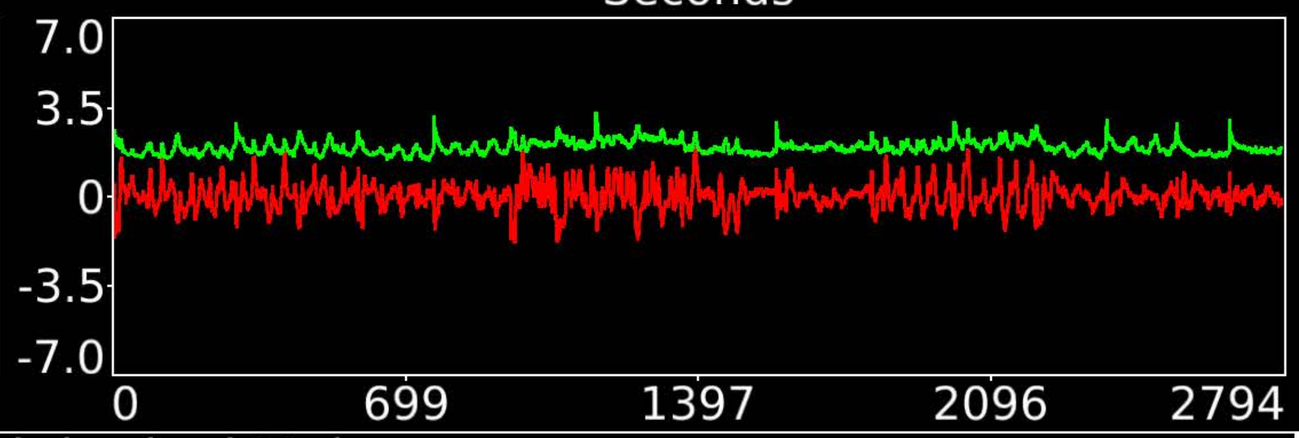
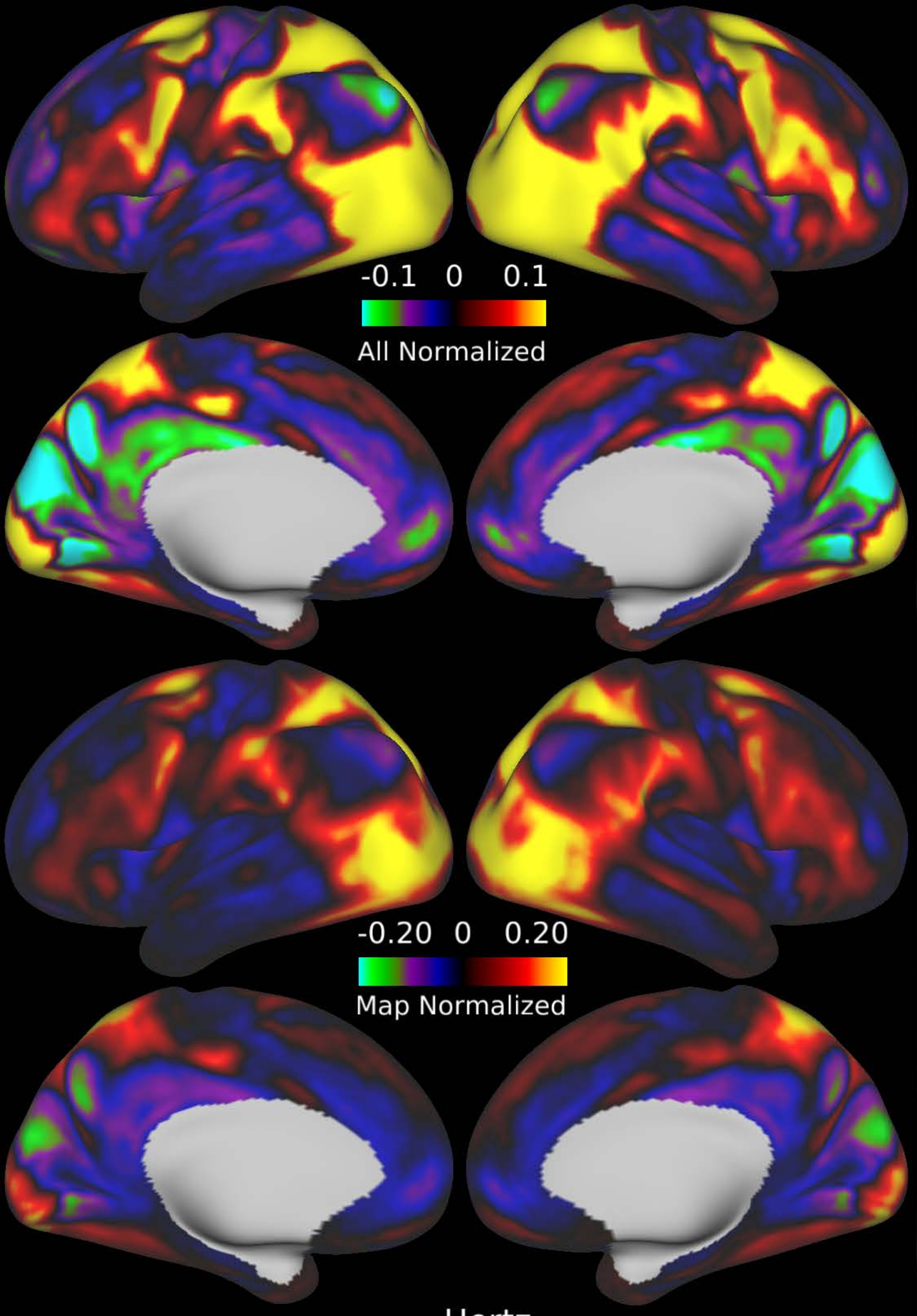
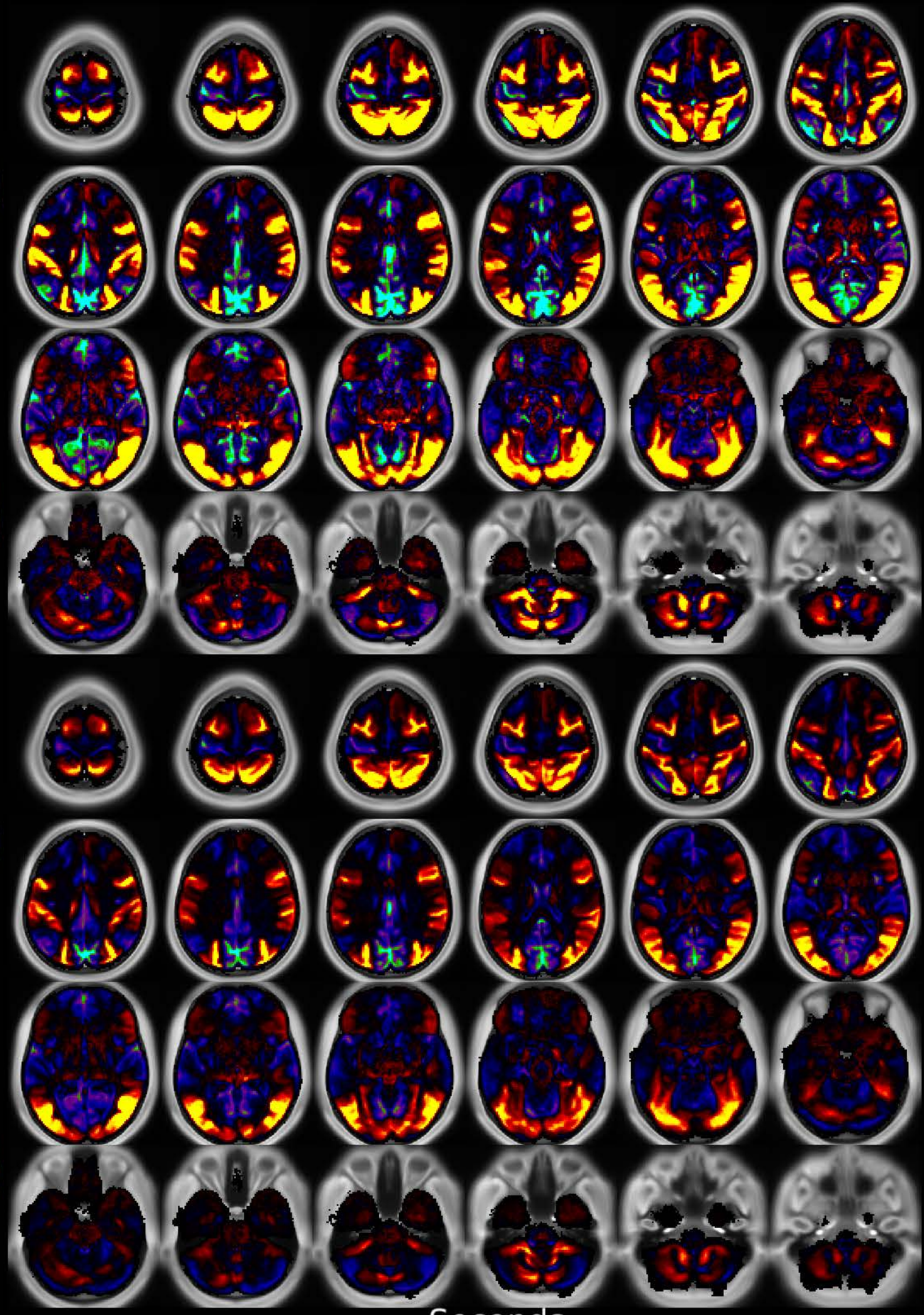
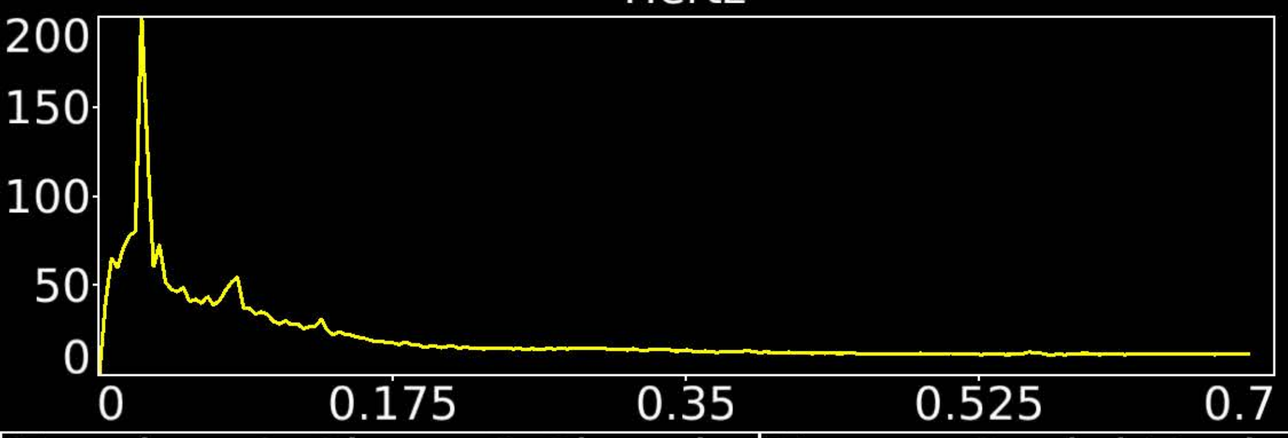


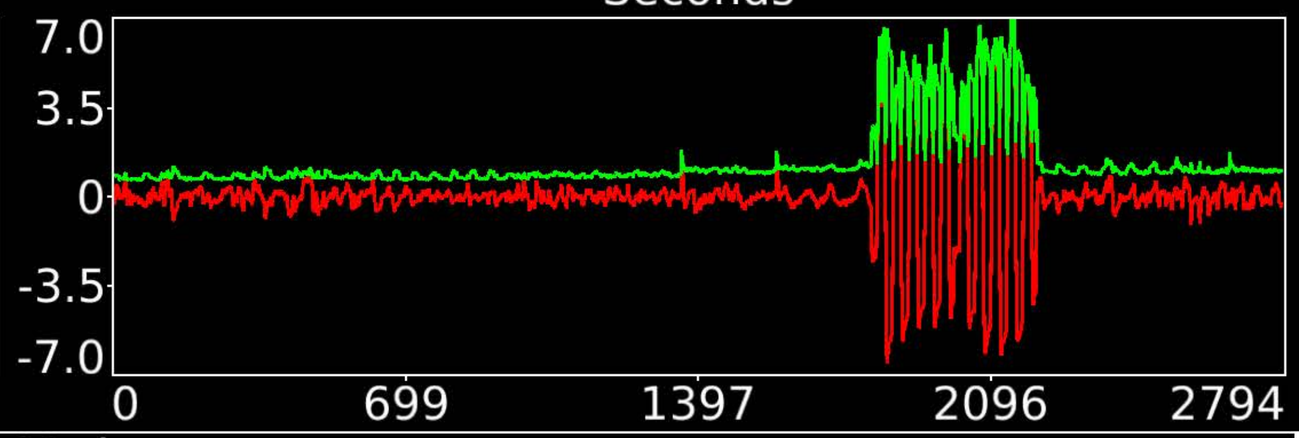


Number & Class: 1 Noise	Name: Global Physiological Noise	
RVT Correlated: Yes	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 6.67	Globality Index: 5.82
Rest Component: 3+6+8	Taskr Component: 1	Task Modulated: No
Rationale: Globally positive component matching hypothesized pattern for physiological artifact; does not clearly follow known areal boundaries		



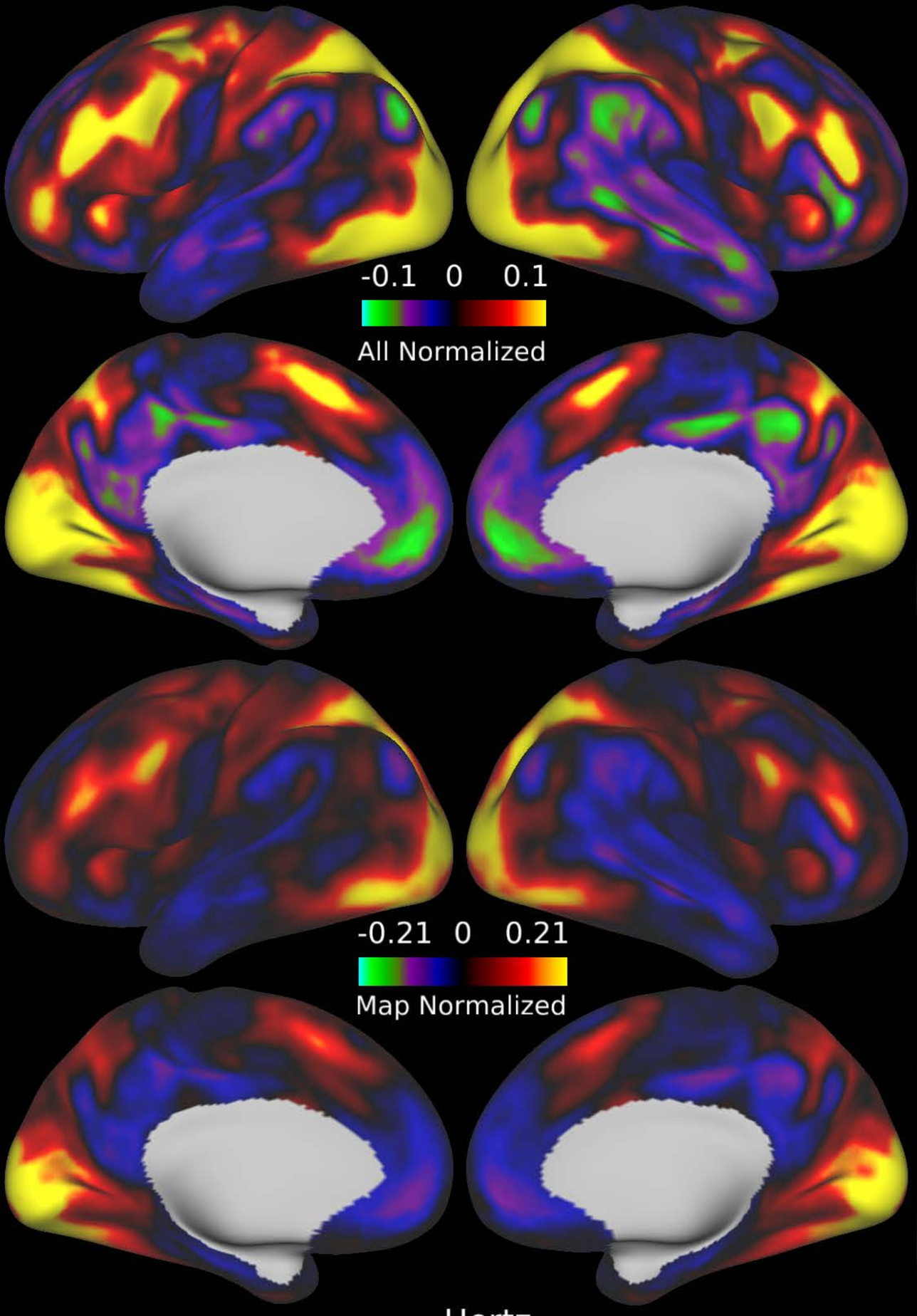


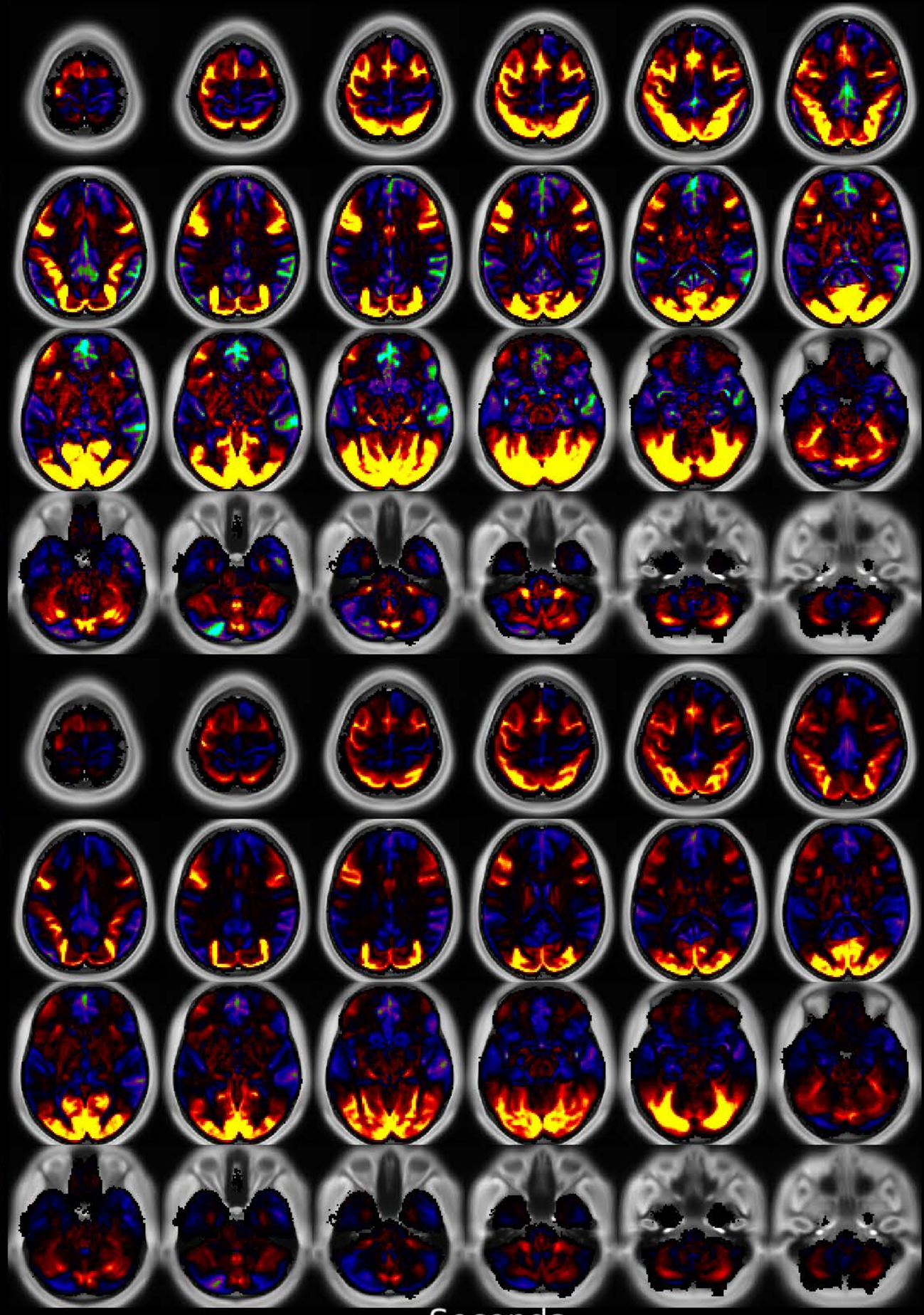


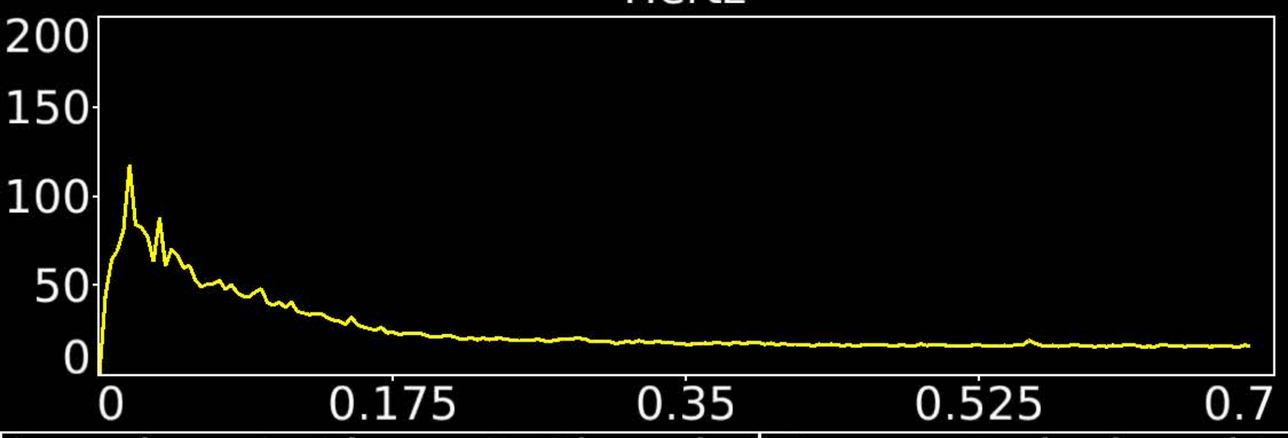


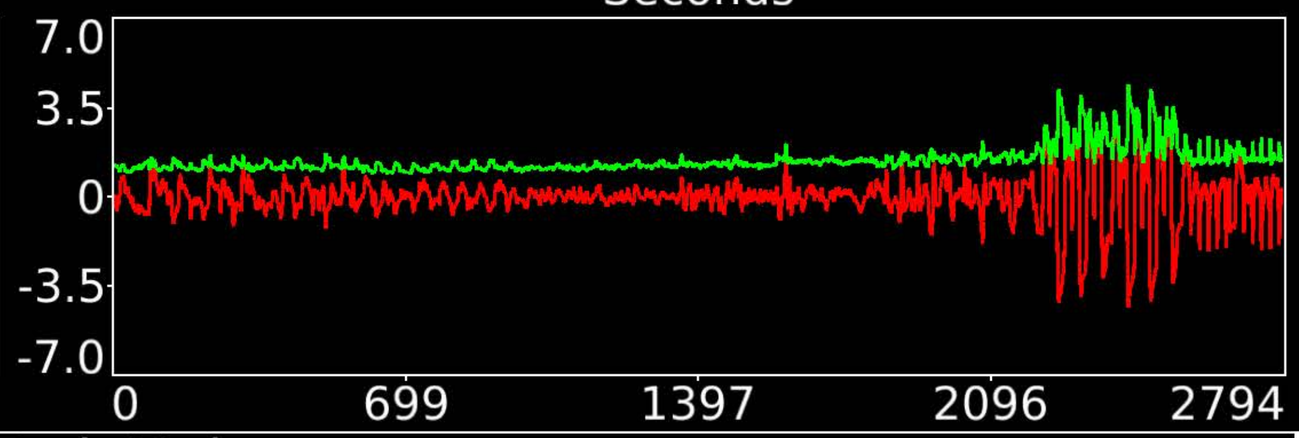
Number & Class: 2 Signal	Name: Social Task Main	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 4.78	Globality Index: 0.25
Rest Component: No	Taskr Component: 11	Task Modulated: Social

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



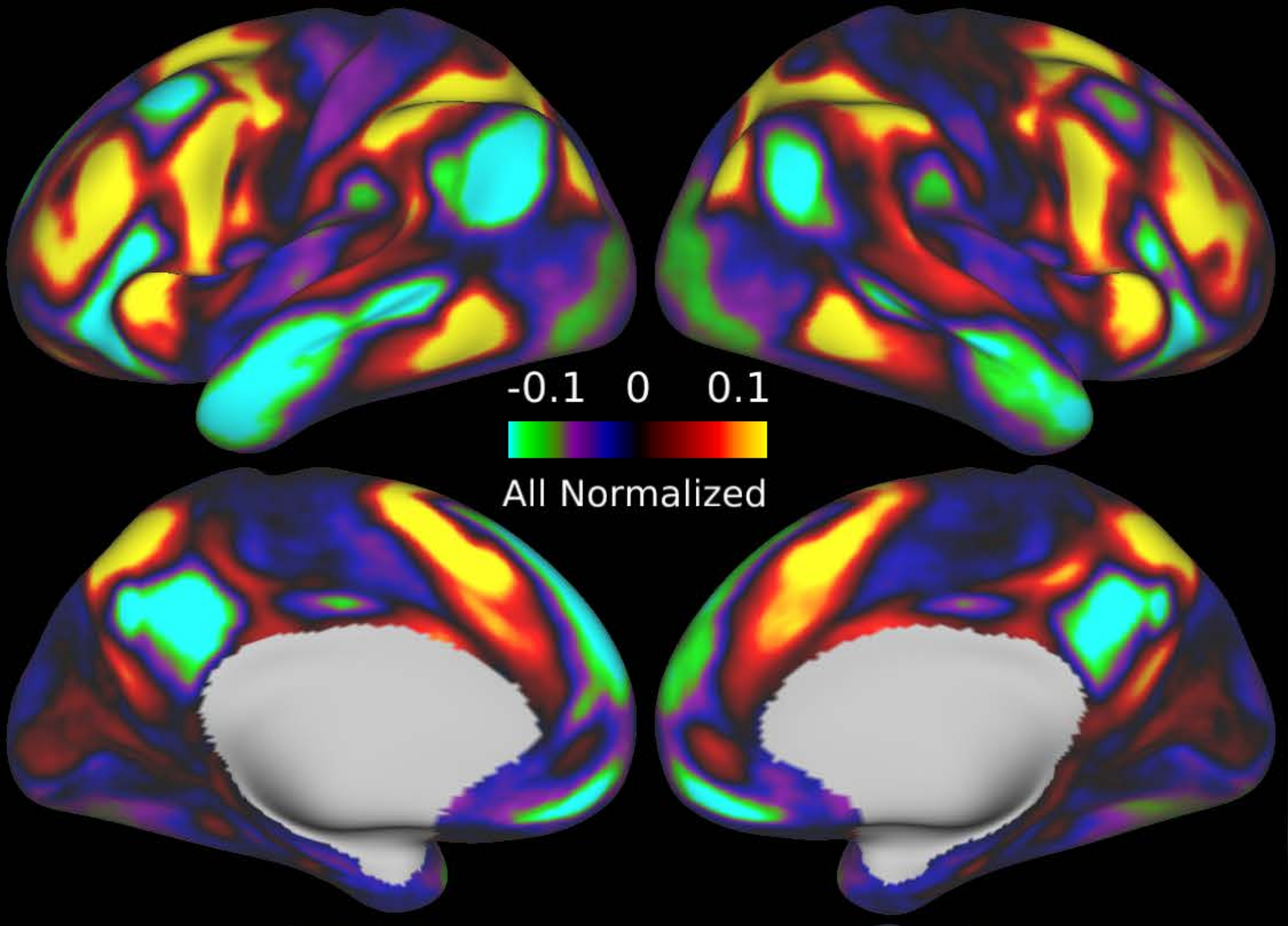


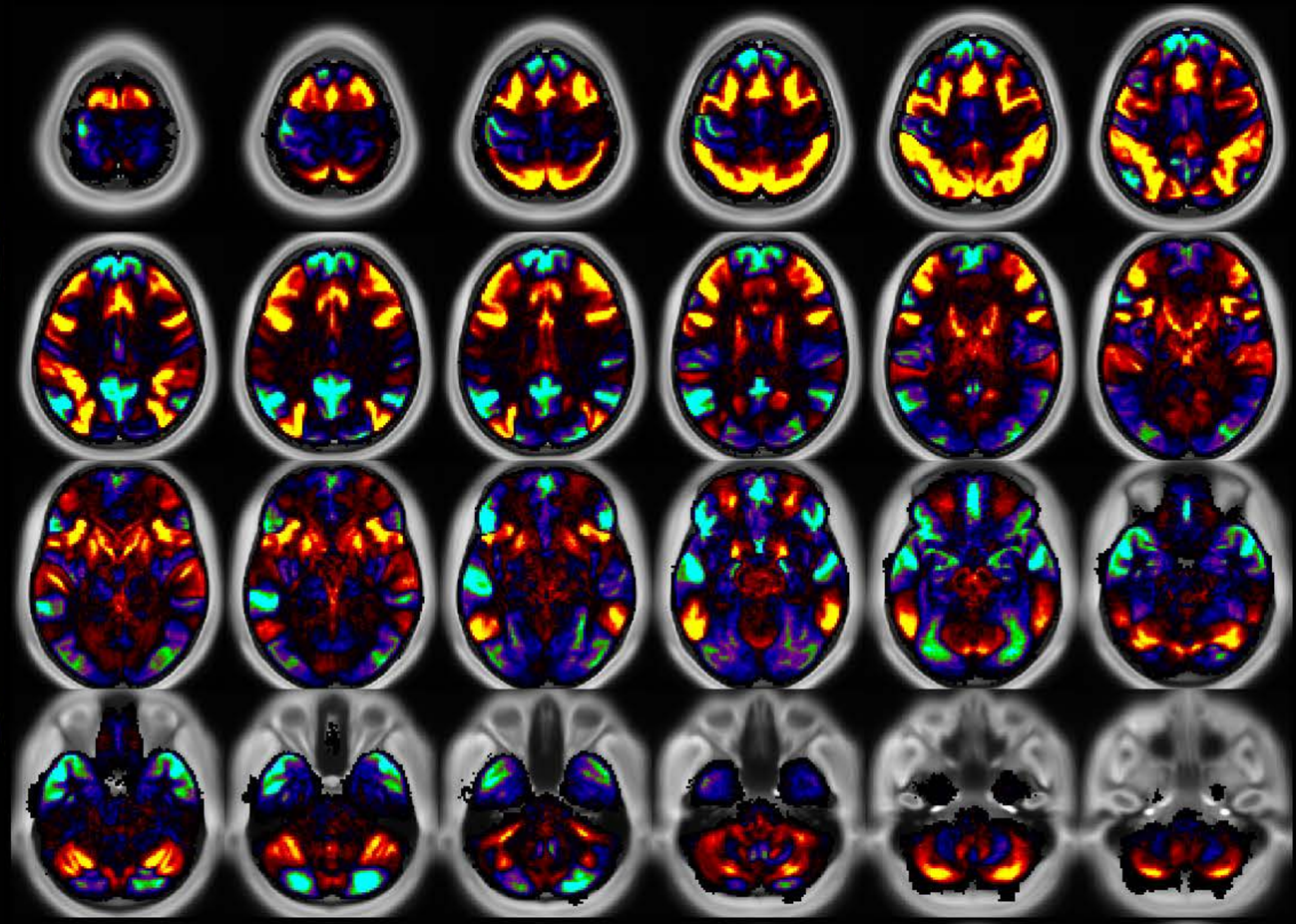


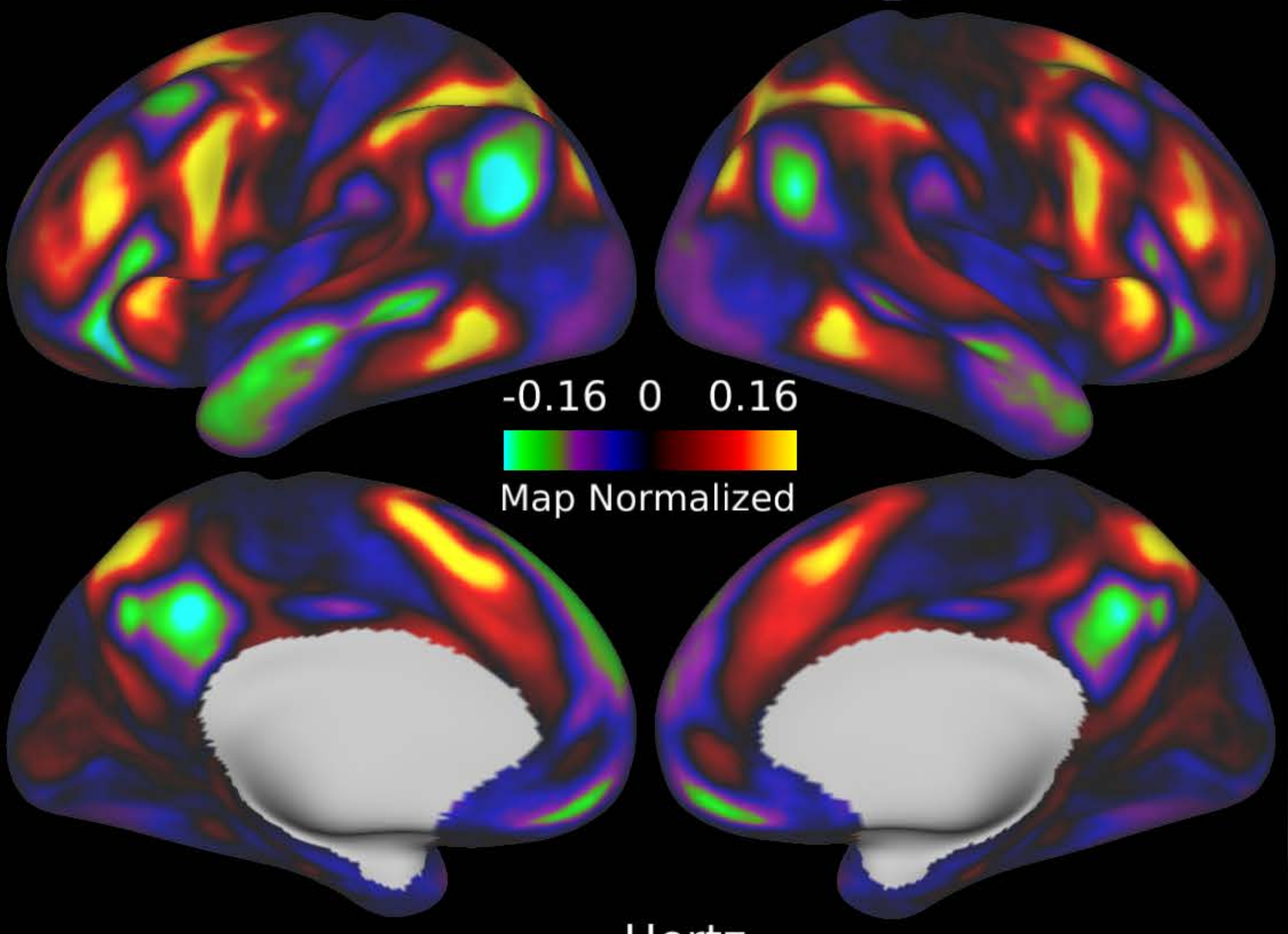


Number & Class: 3 Signal	Name: Relational Task Main	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 3.63	Globality Index: 0.42
Rest Component: No	Taskr Component: 10	Task Modulated: Relational

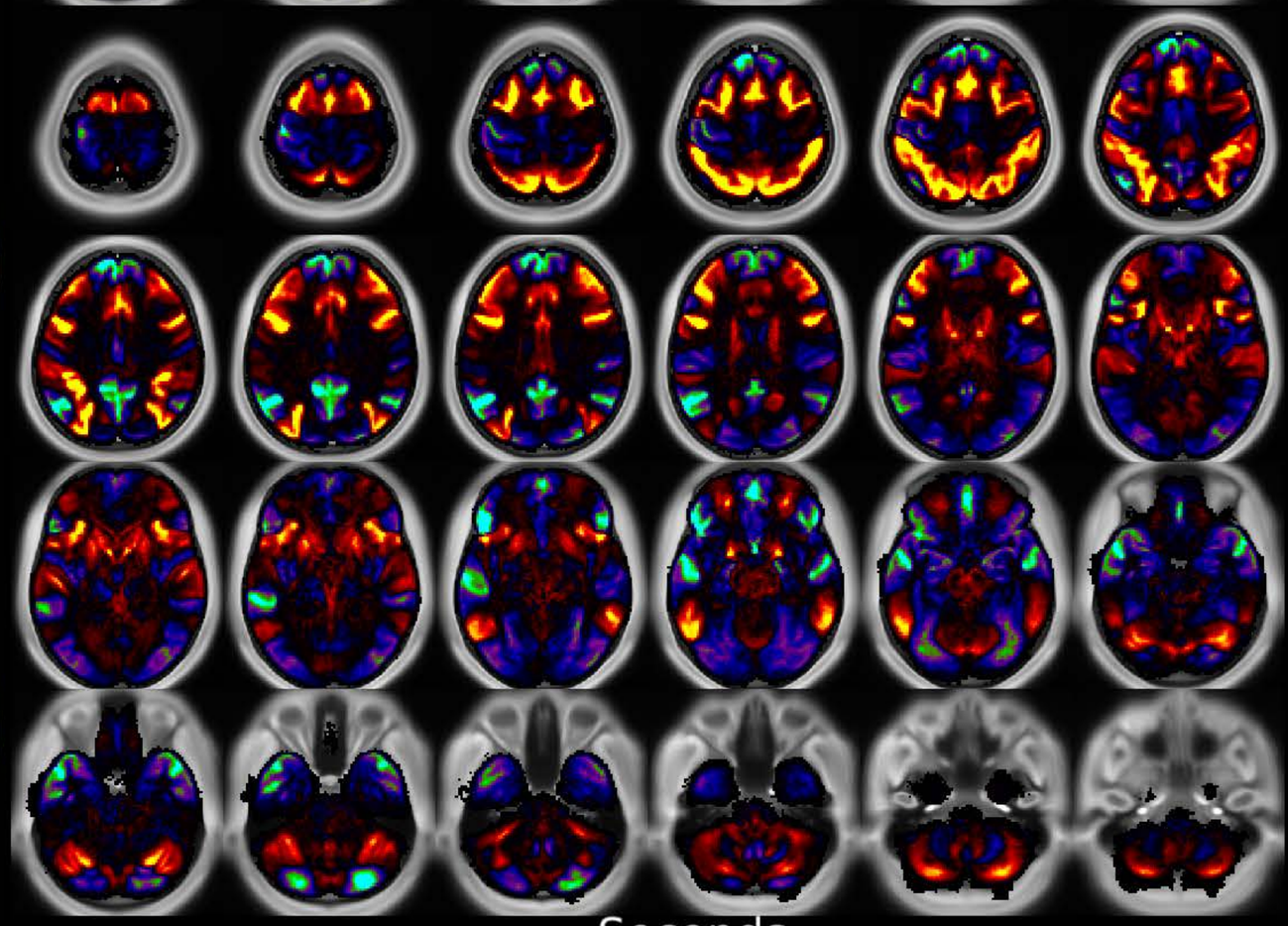
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design







Hertz



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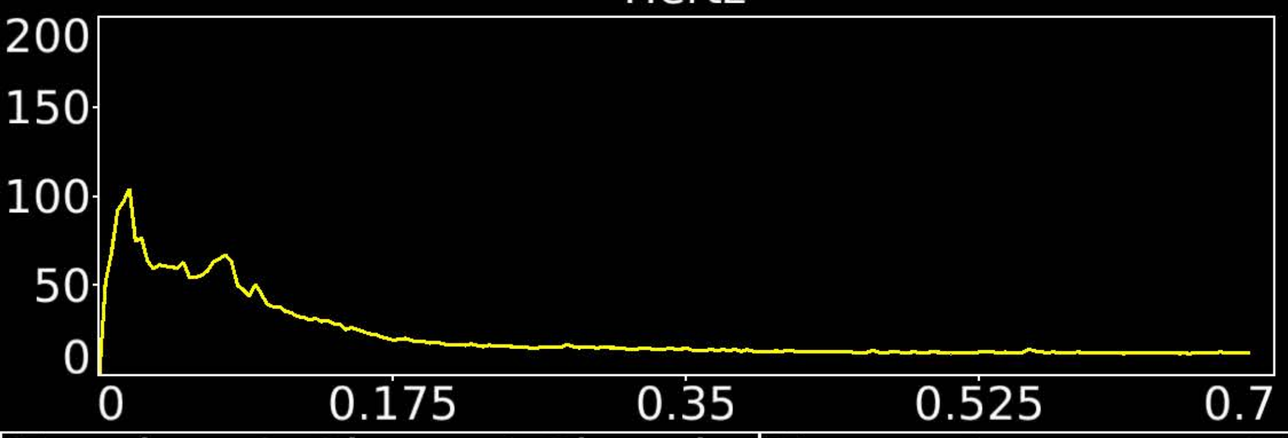
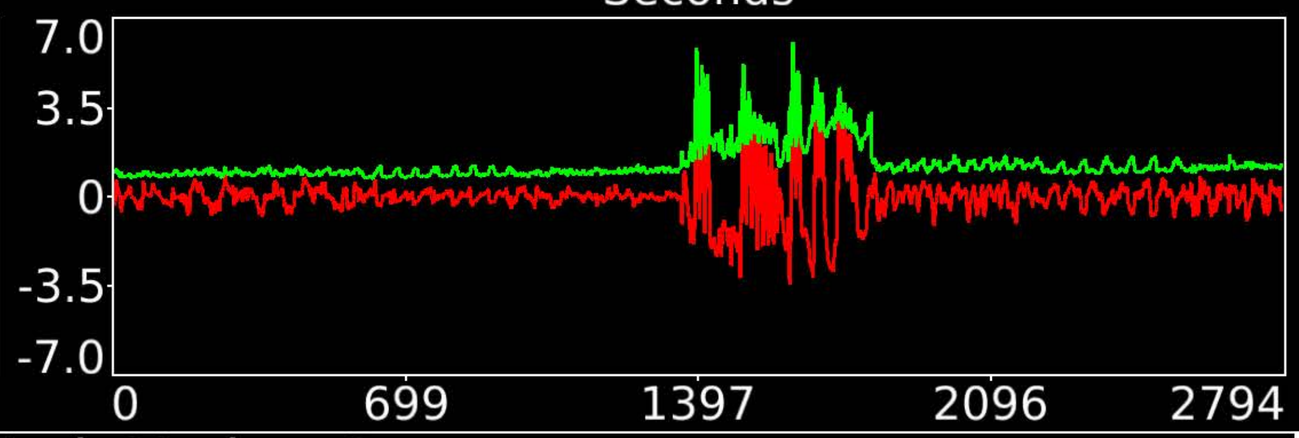
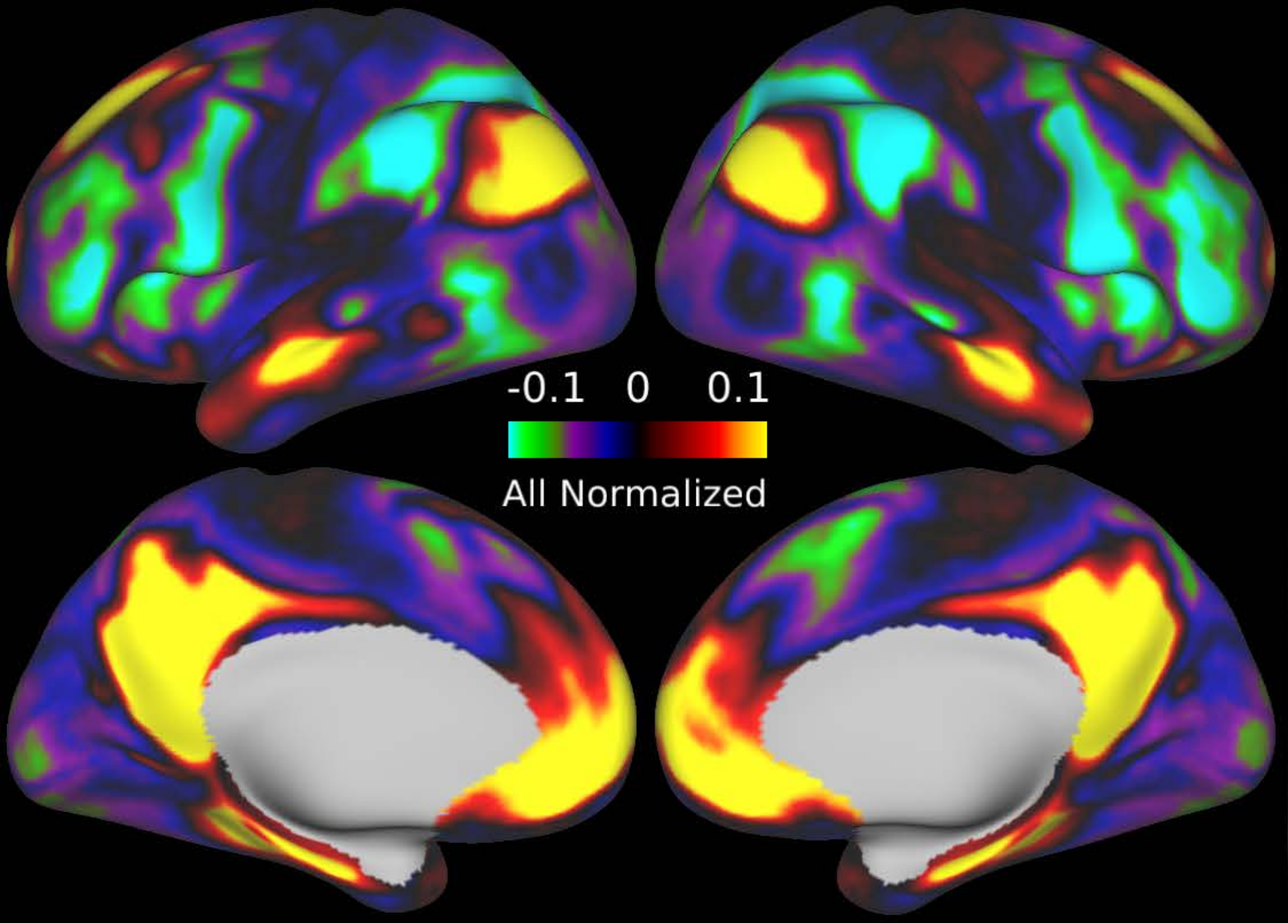
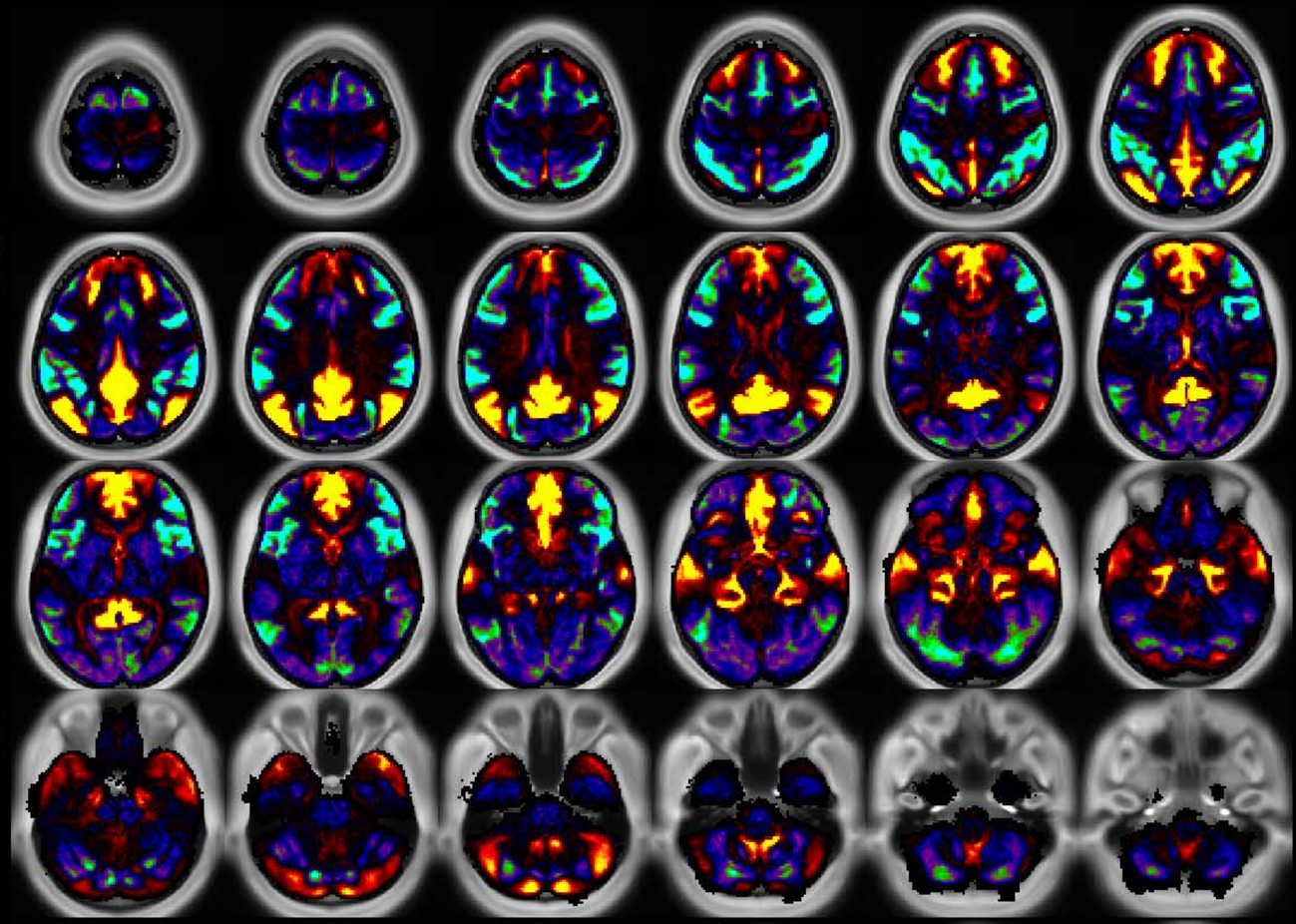


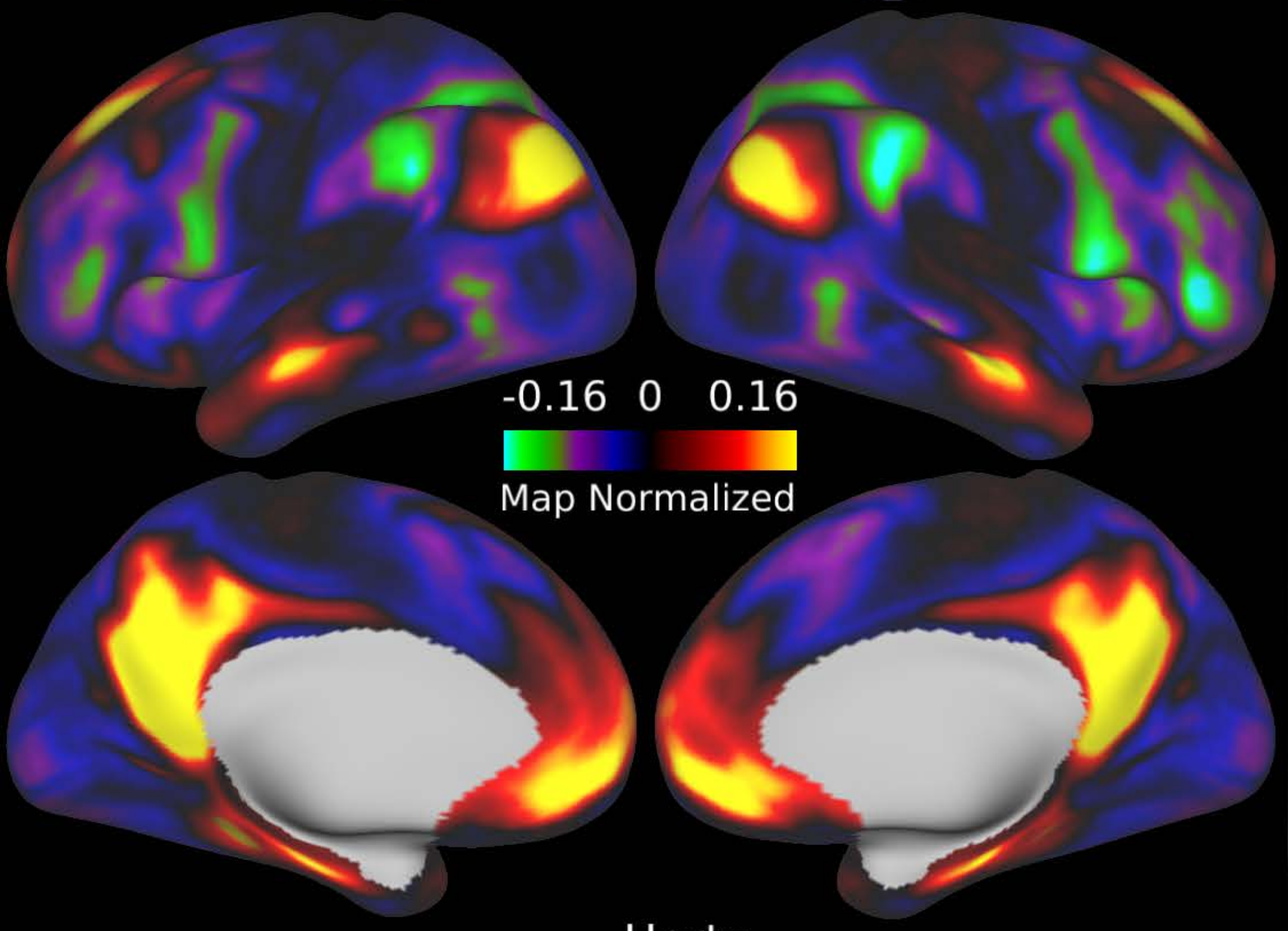


Number & Class: 4 Signal	Name: Language Task Math > Story	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 3.32	Globality Index: 0.08
Rest Component: 12	Taskr Component: 12	Task Modulated: Language

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







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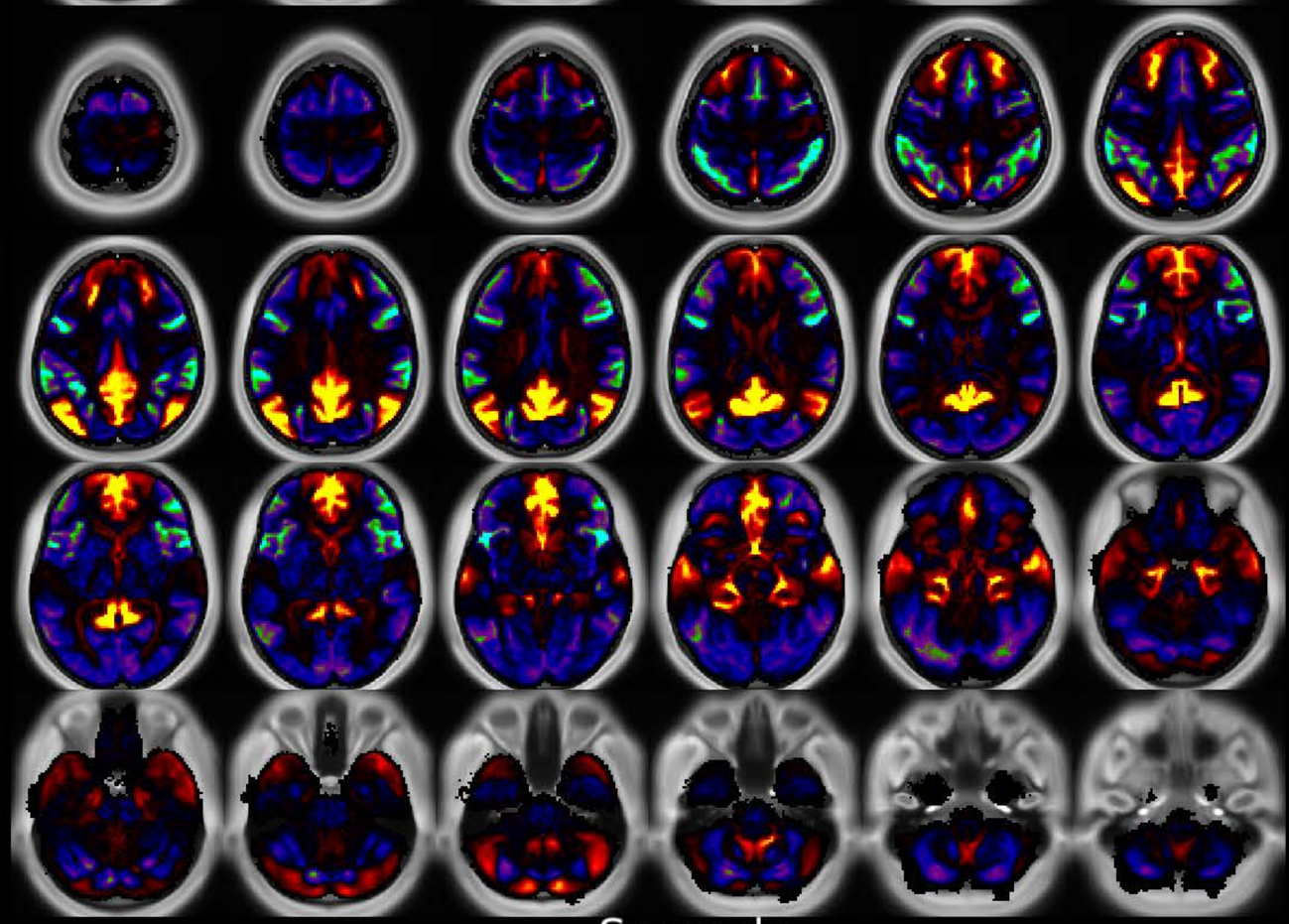

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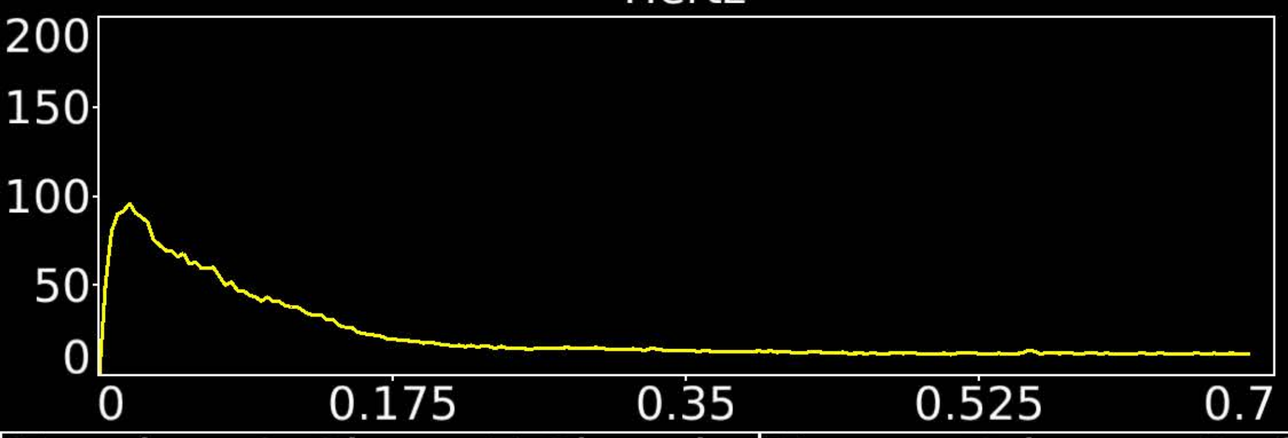
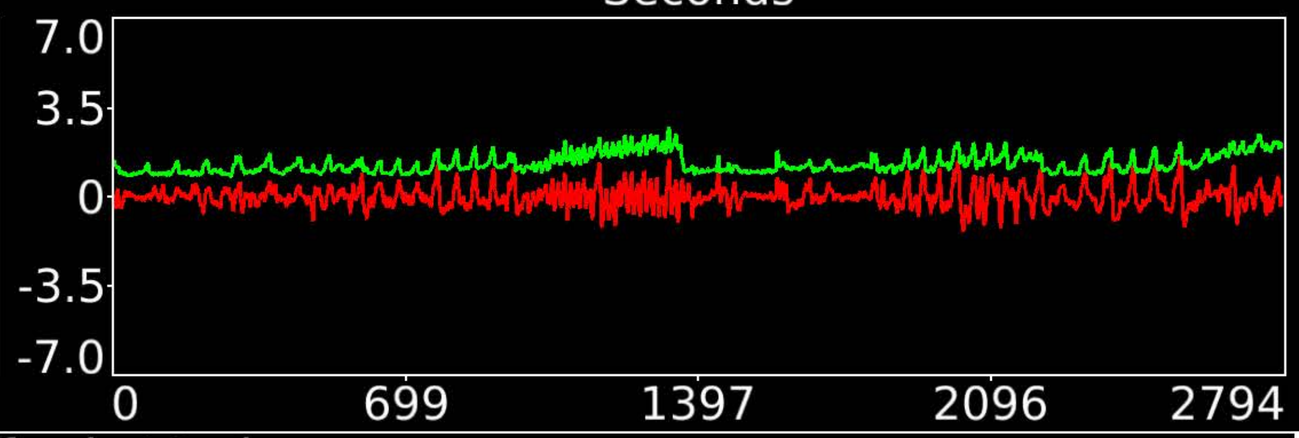
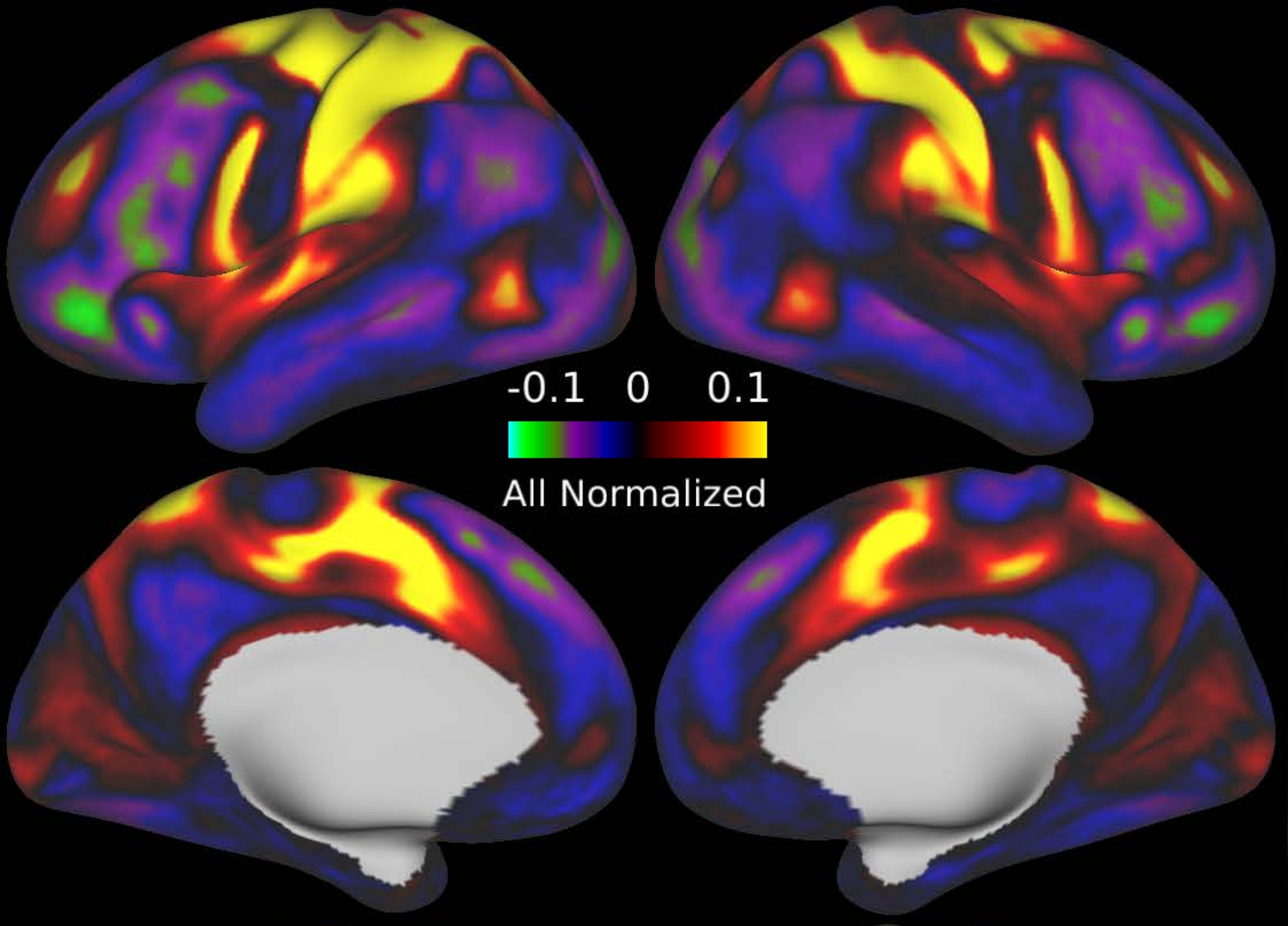
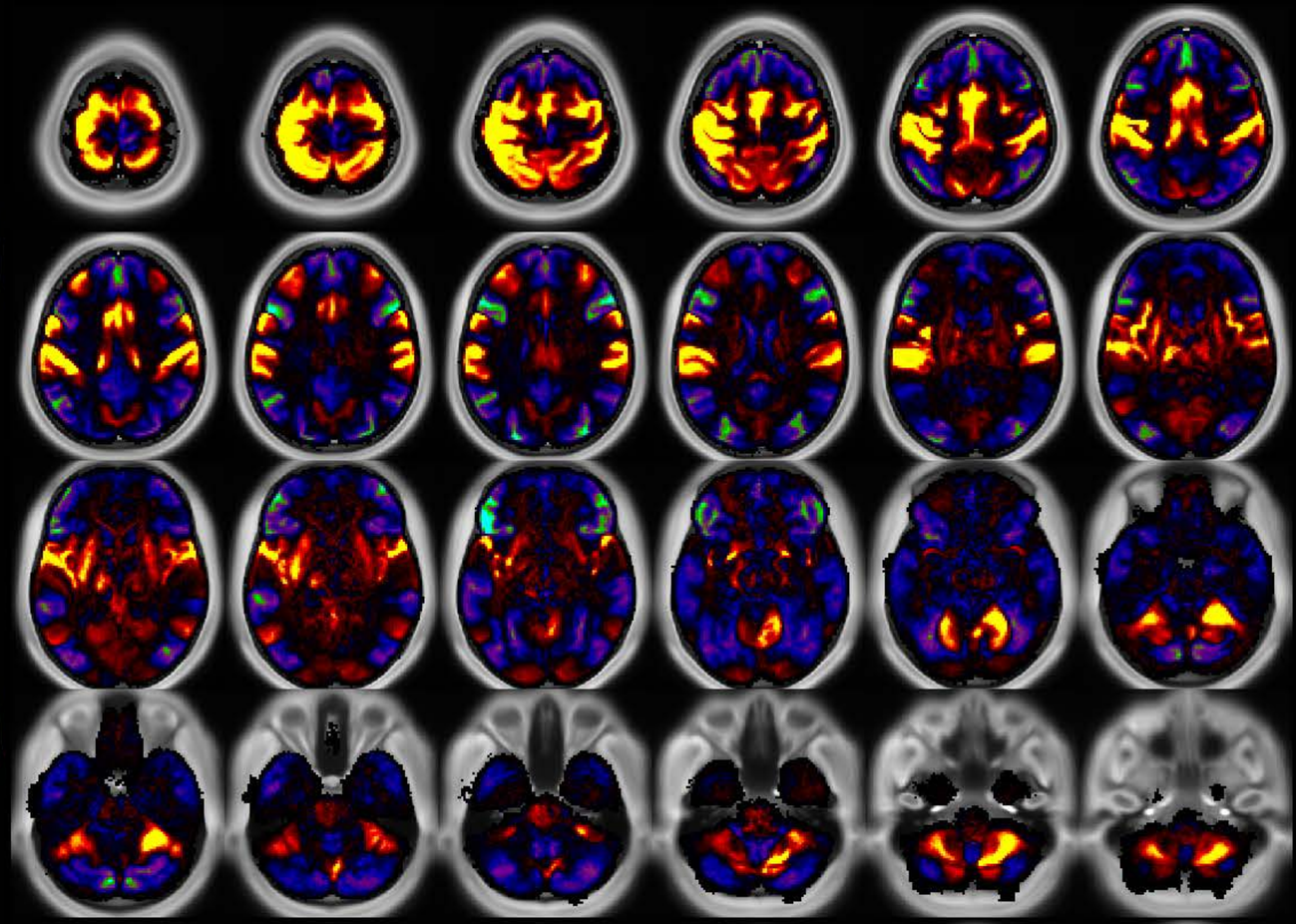


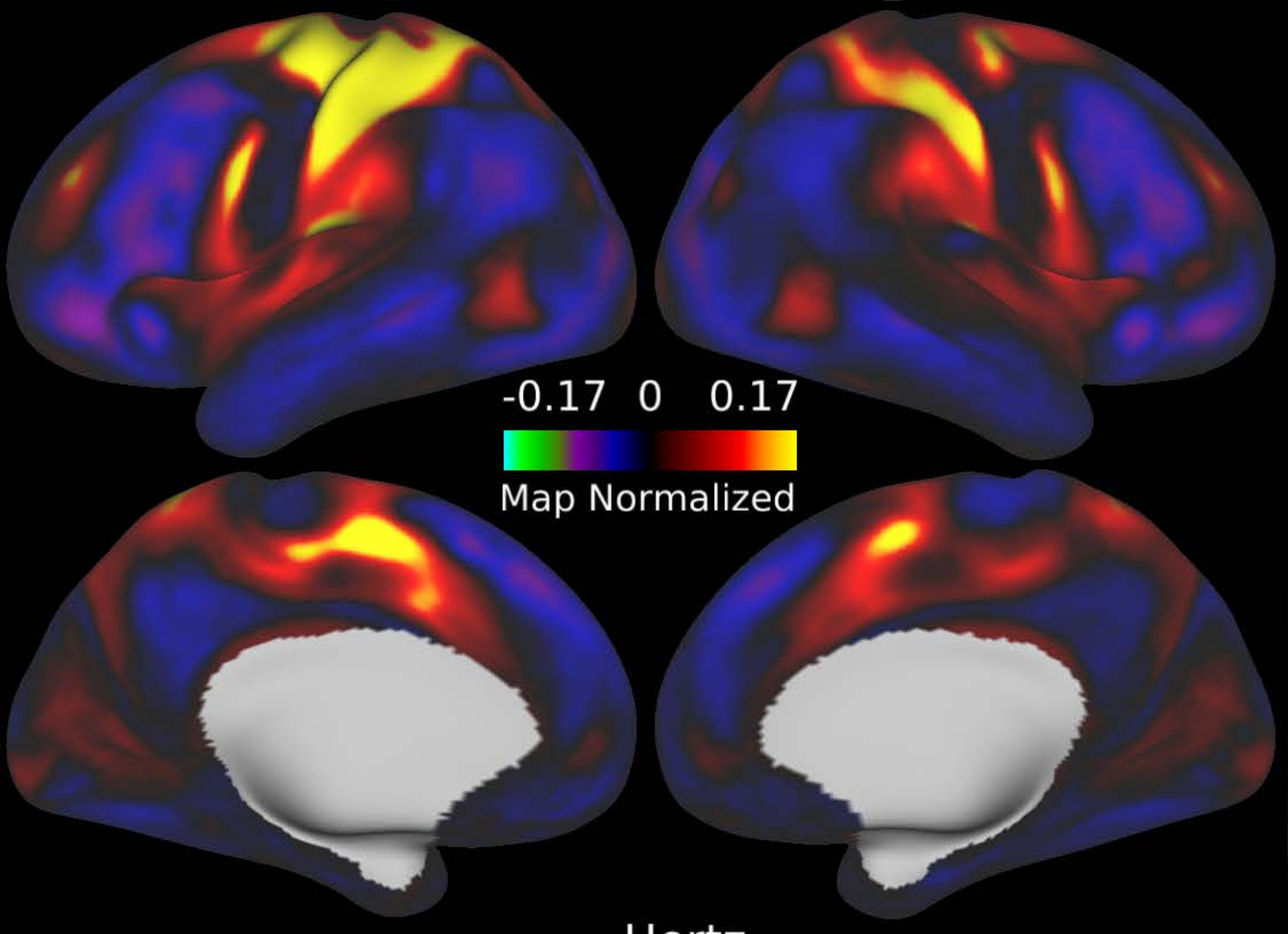


Number & Class: 5 Signal	Name: Primary Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 3.3	Globality Index: 0.95
Rest Component: 10	Taskr Component: 2	Task Modulated: Motor + Emotion

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







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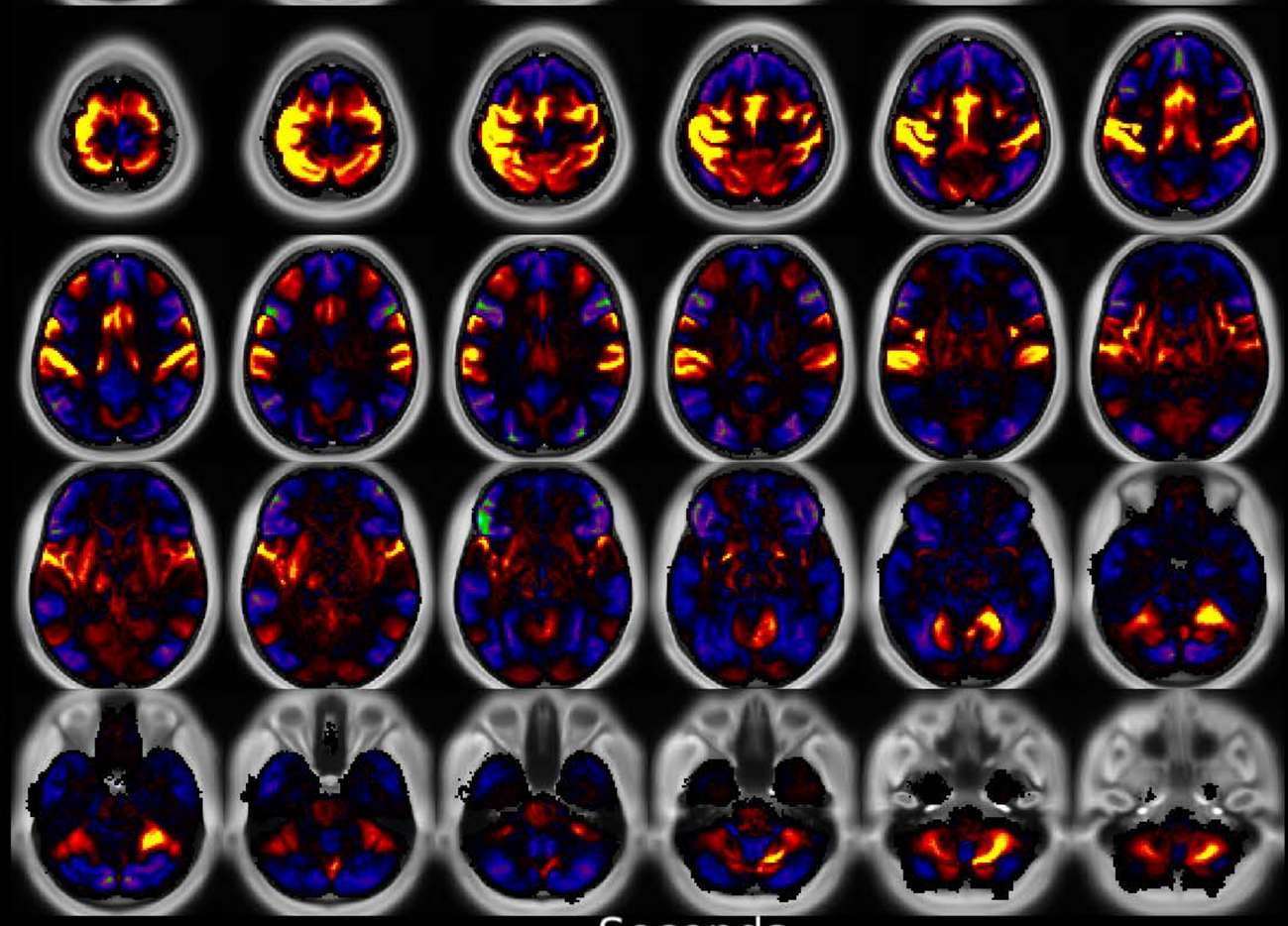

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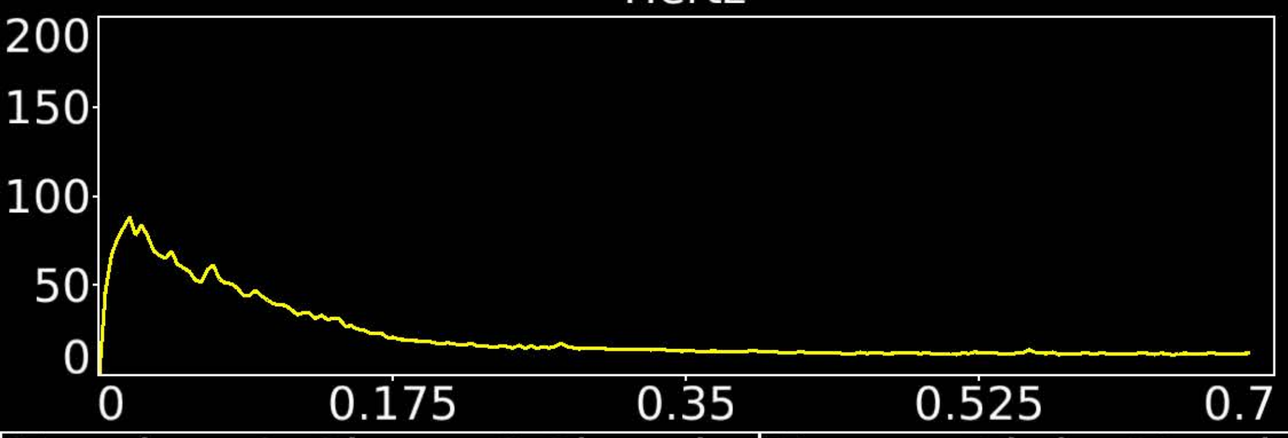
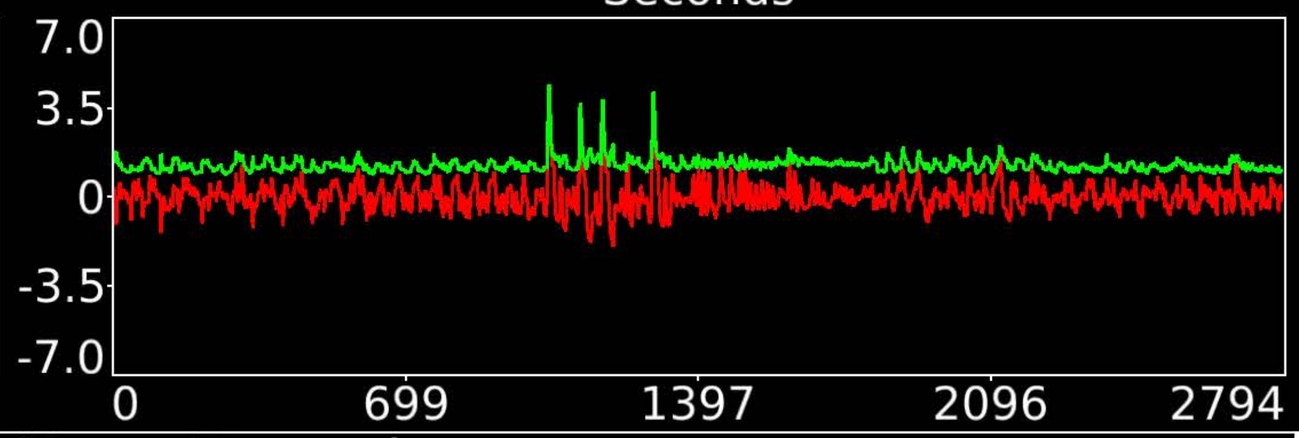
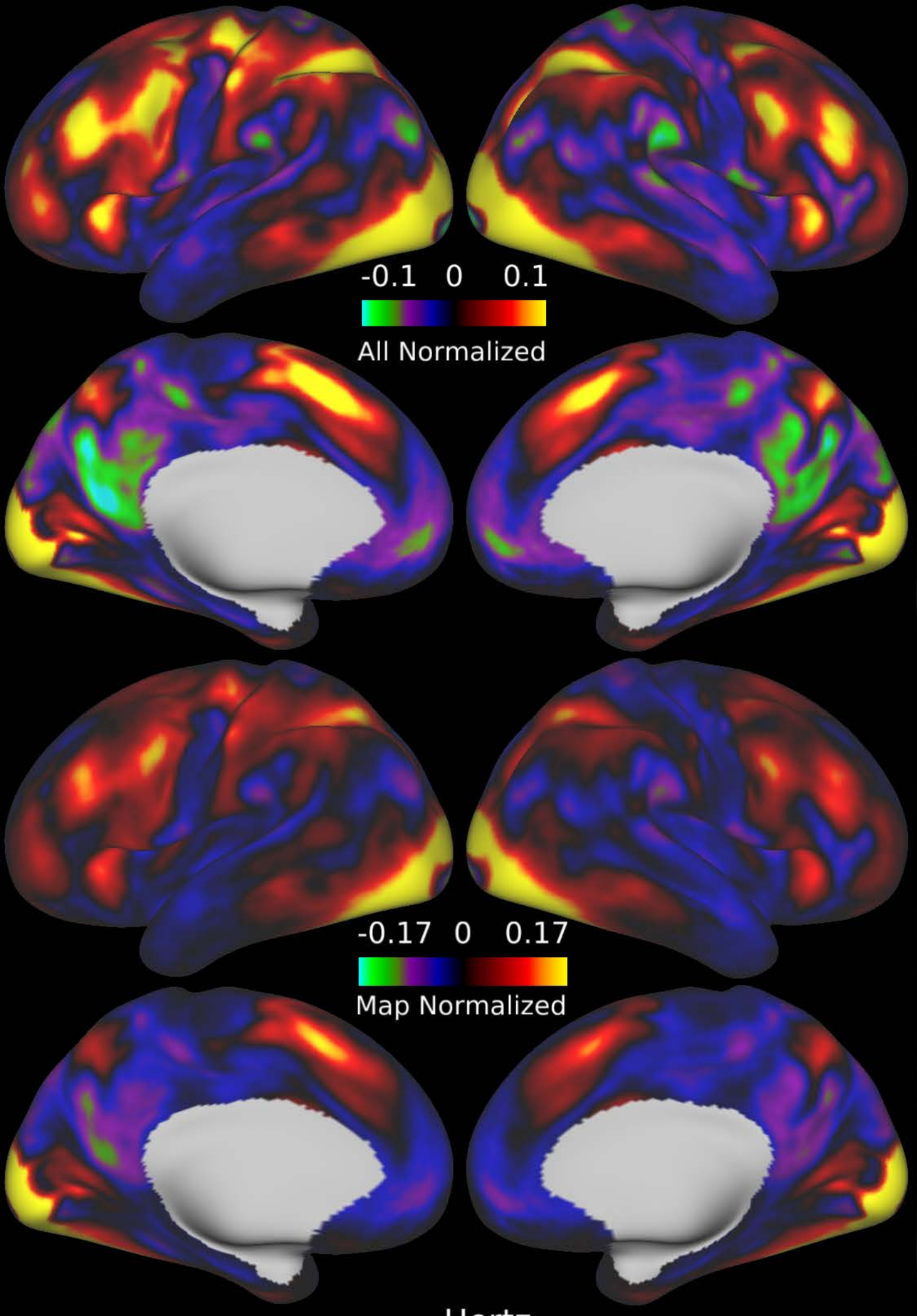
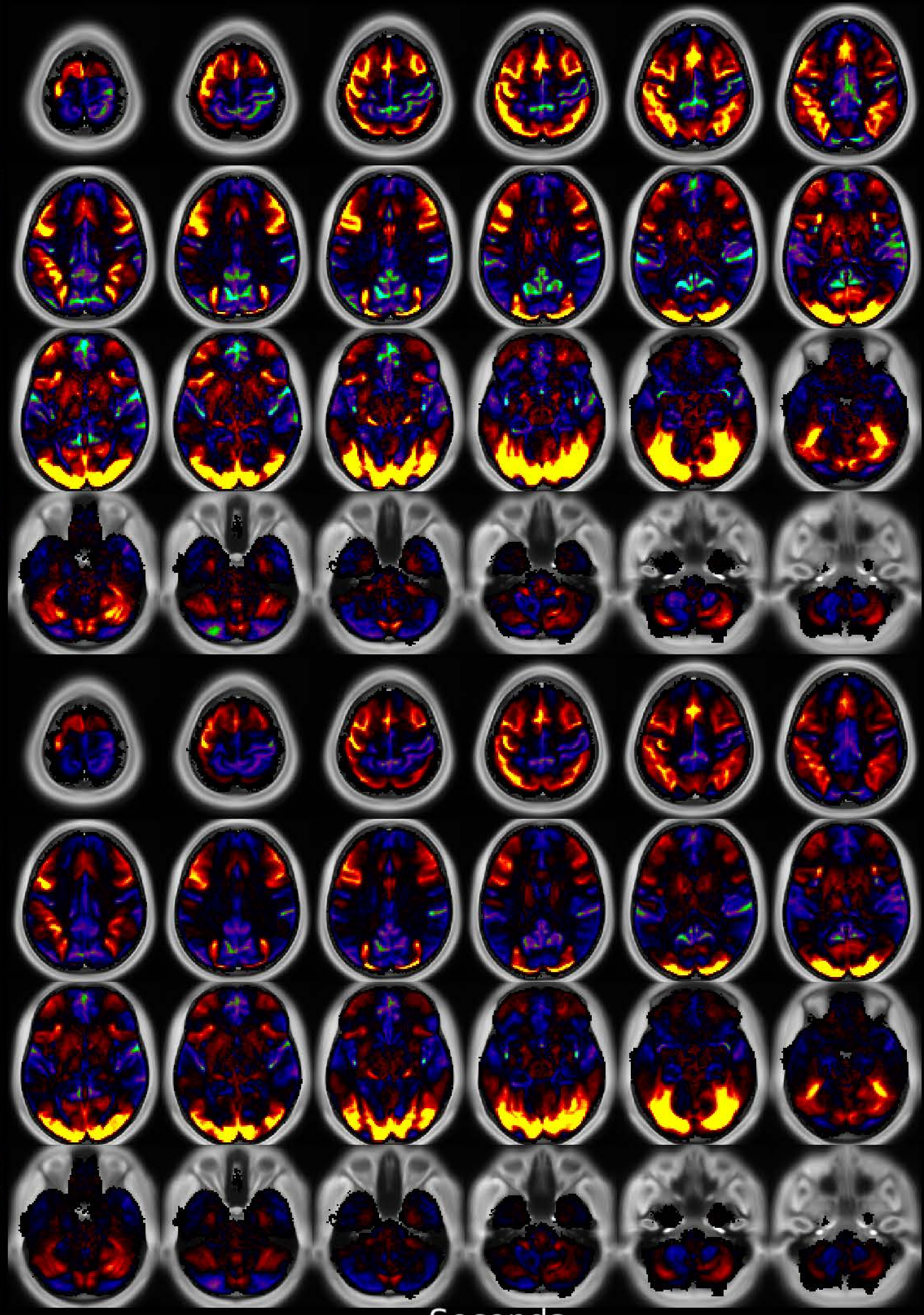




Number & Class: 6 Signal	Name: Right Hand Motor Network	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 2.81	Globality Index: 0.03
Rest Component: 33	Taskr Component: 7	Task Modulated: No

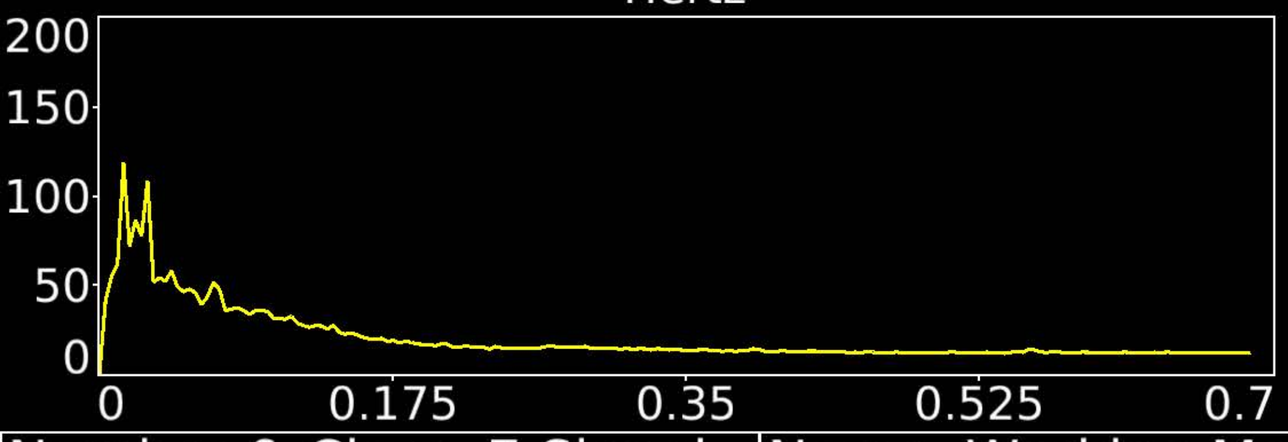
Rationale: Spatial map includes positive and negative patches that respect known somatotopic sensori-motor organization (Right Hand)

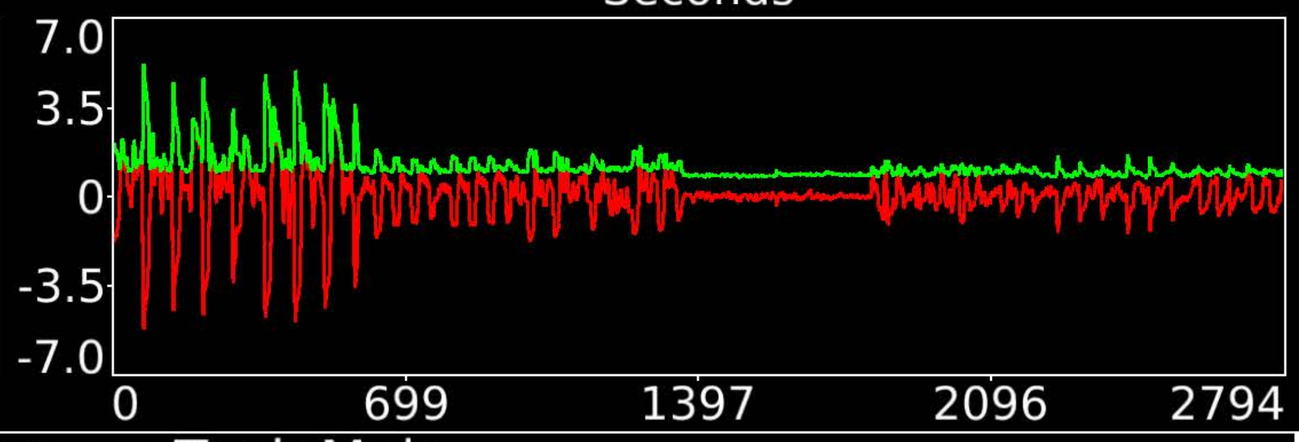




Hertz

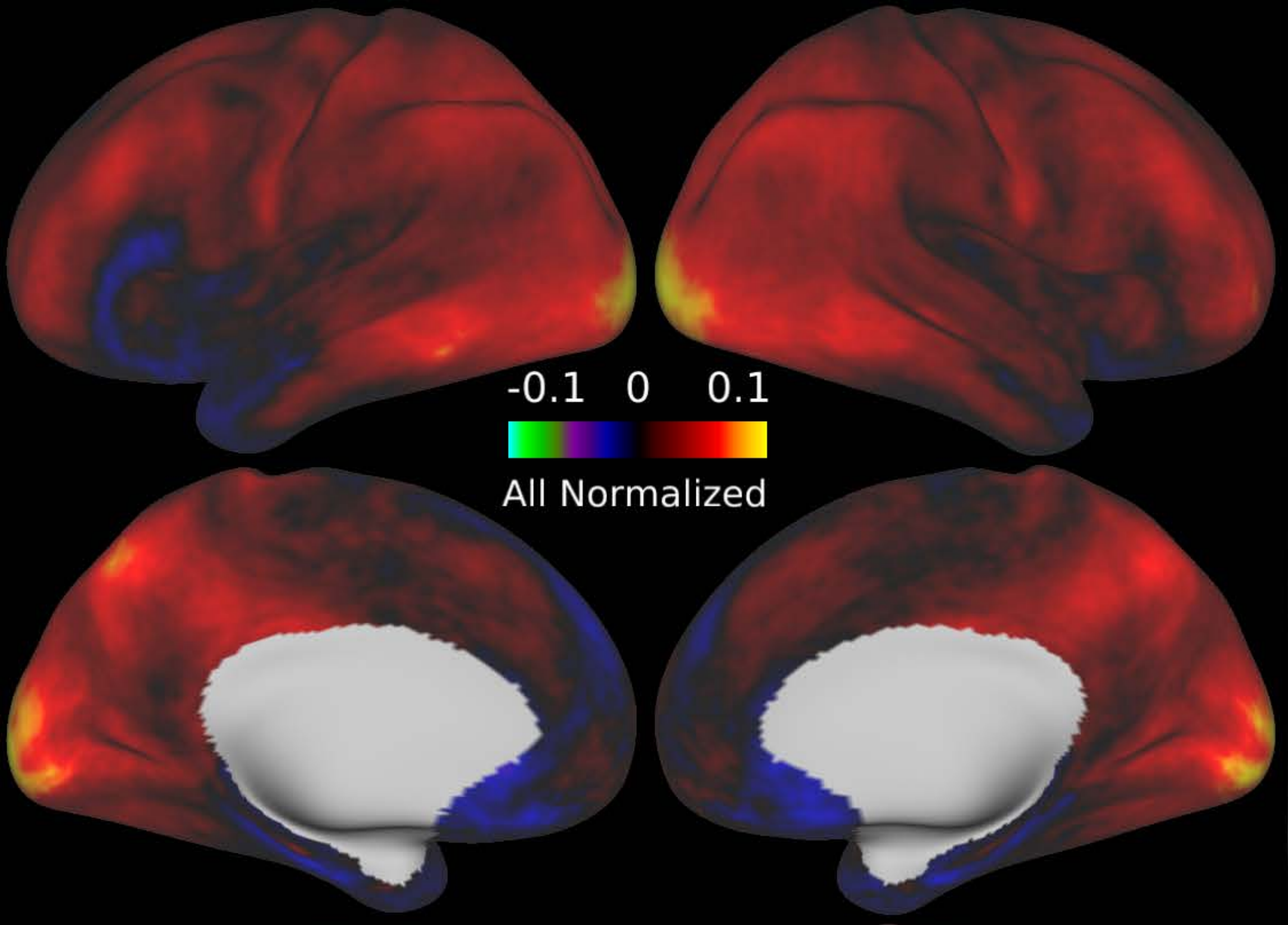
Seconds

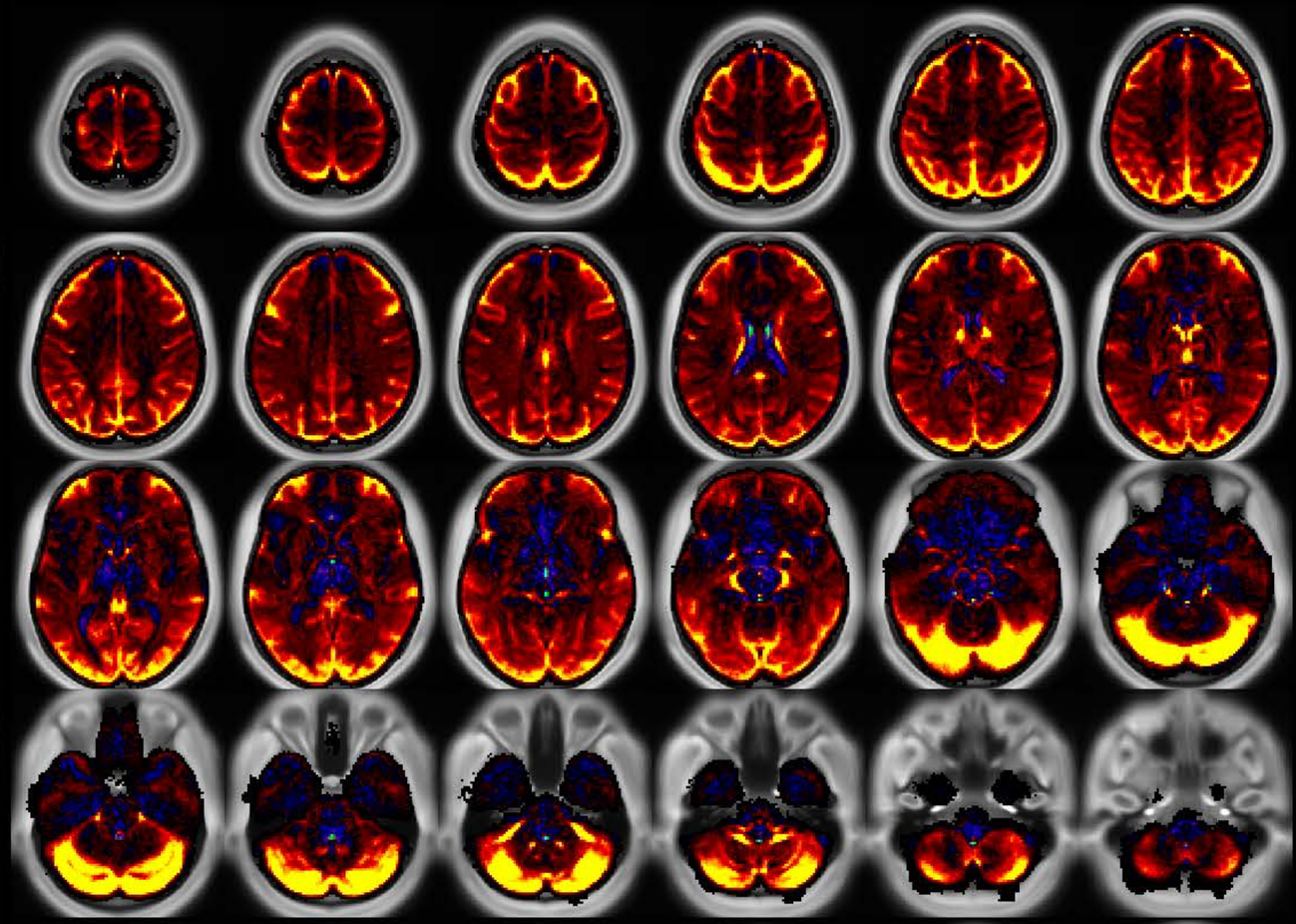


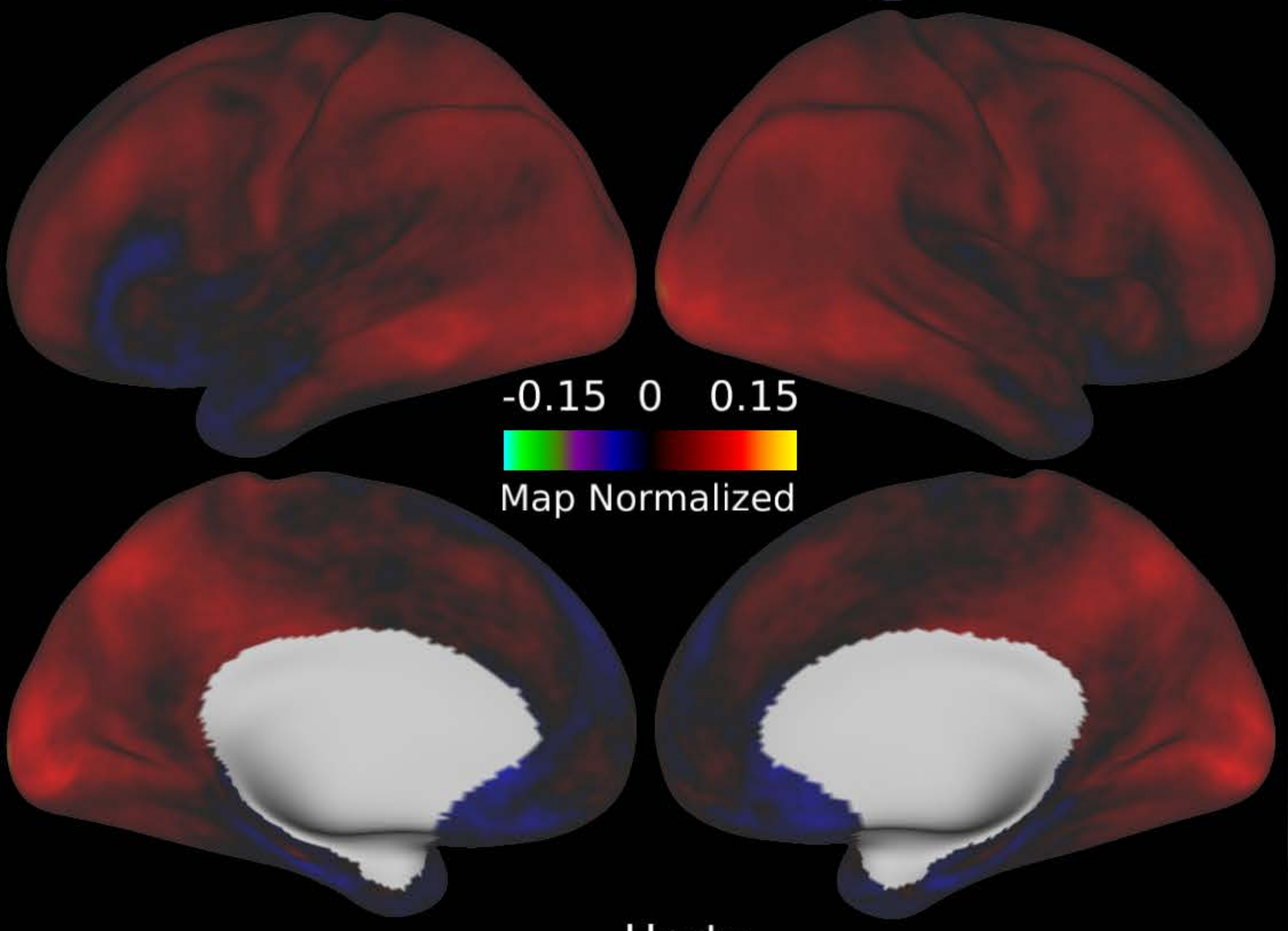


Number & Class: 7 Signal	Name: Working Memory Task Main	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 2.74	Globality Index: 0.1
Rest Component: No	Taskr Component: 20+29	Task Modulated: Working Memory

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







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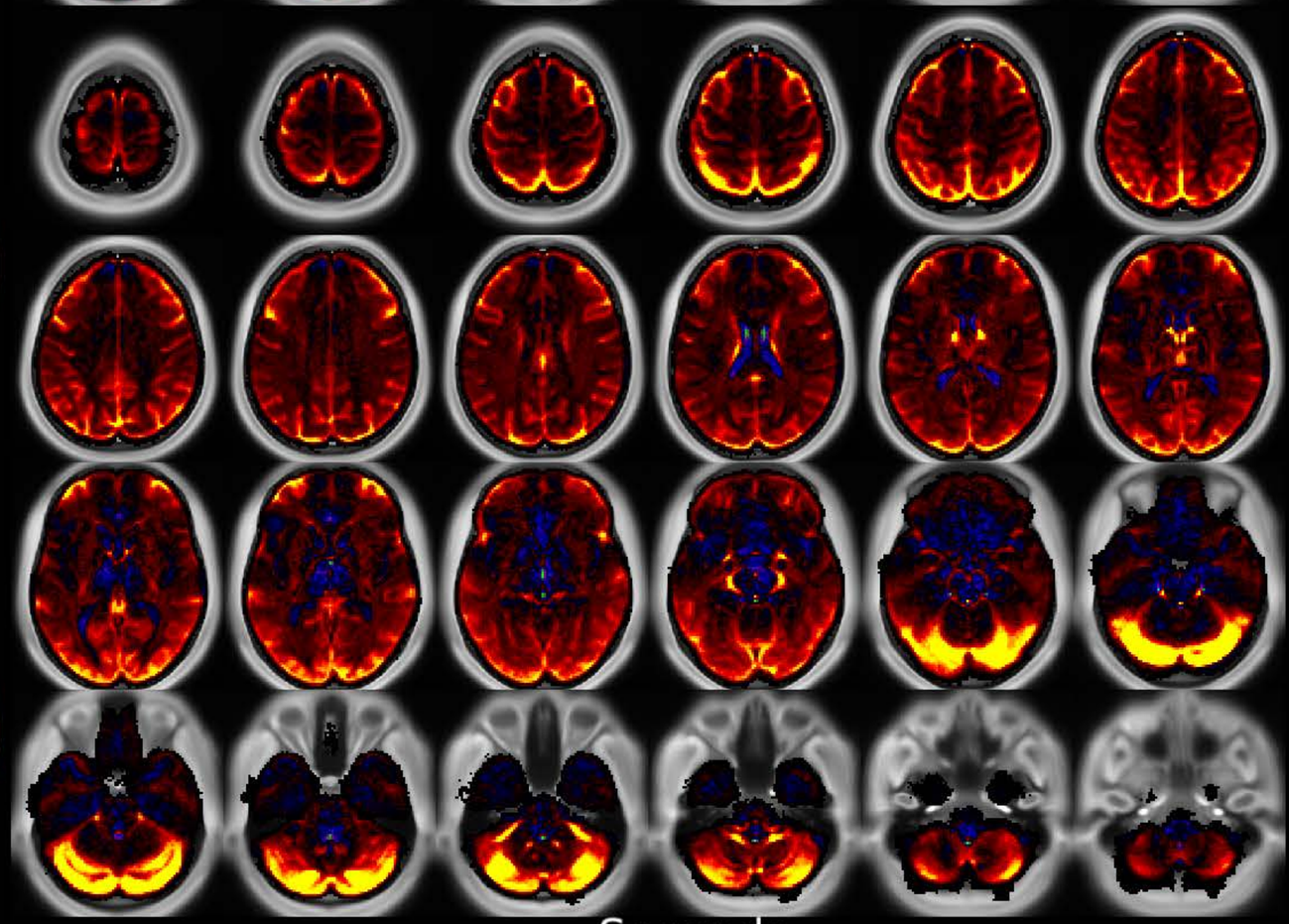

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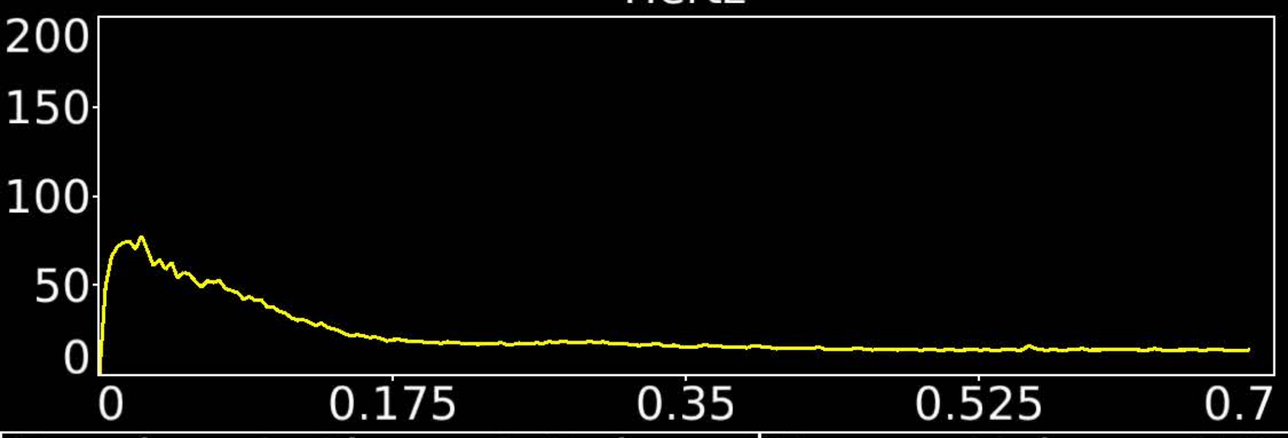
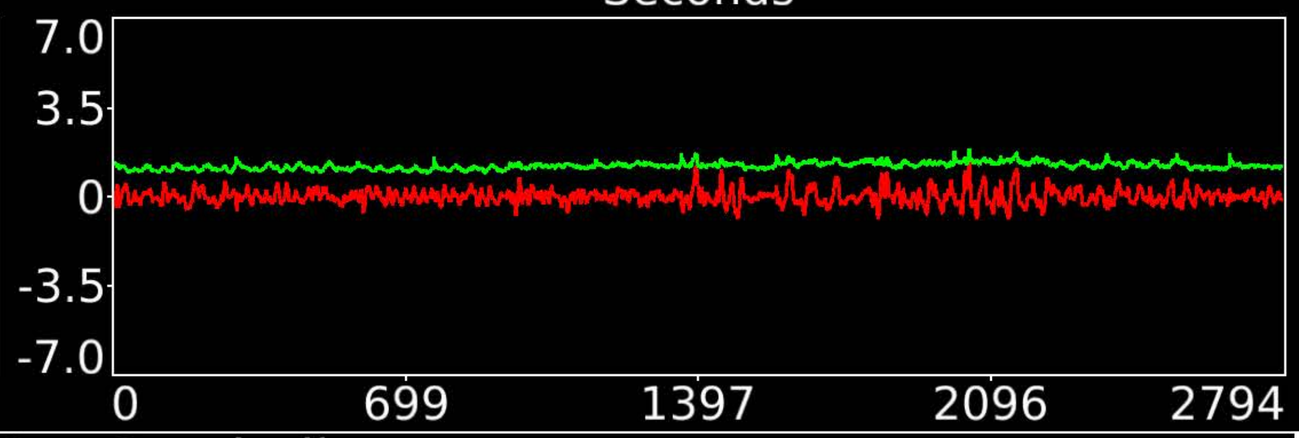
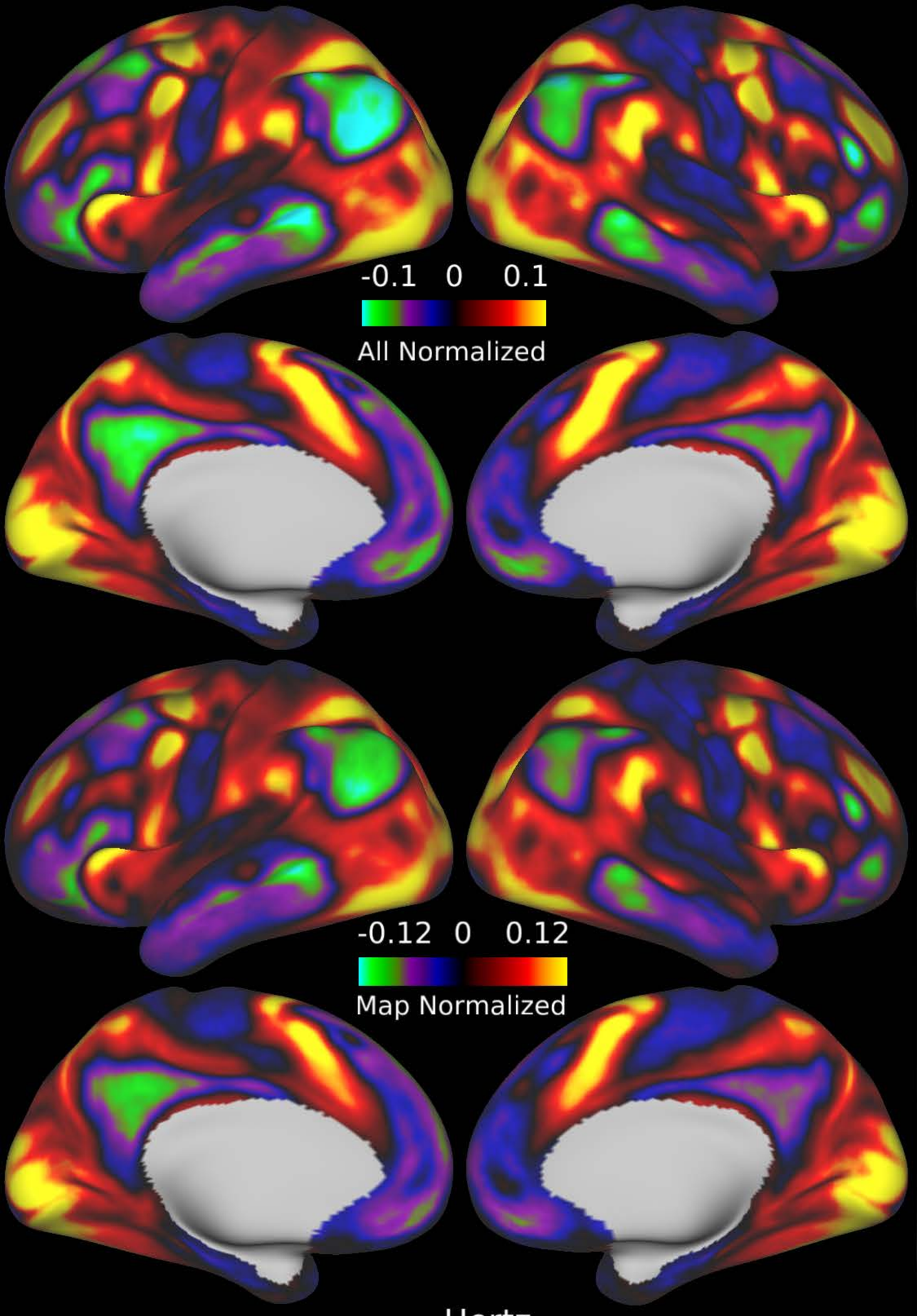
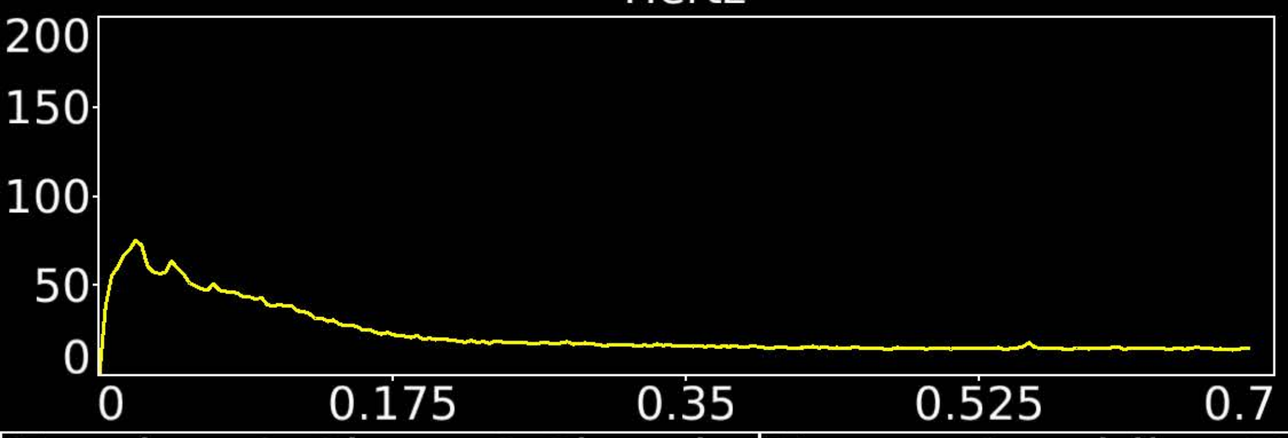


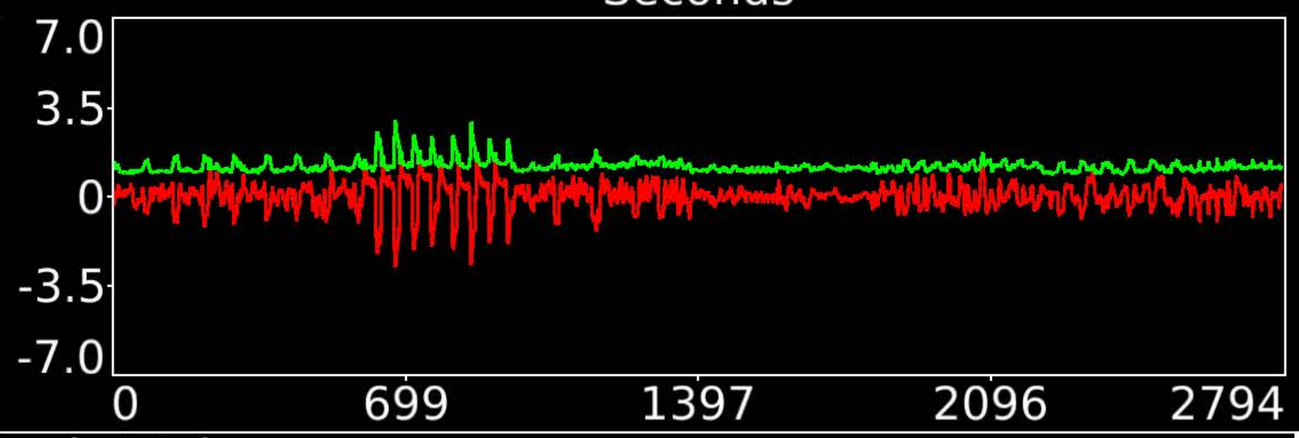


Number & Class: 8 Noise	Name: Veins + WM + Cerebellum	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 2.5	Globality Index: 2.28
Rest Component: 19+28	Taskr Component: 5	Task Modulated: No

Rationale: Spatial map contains substantial white matter and venous signal

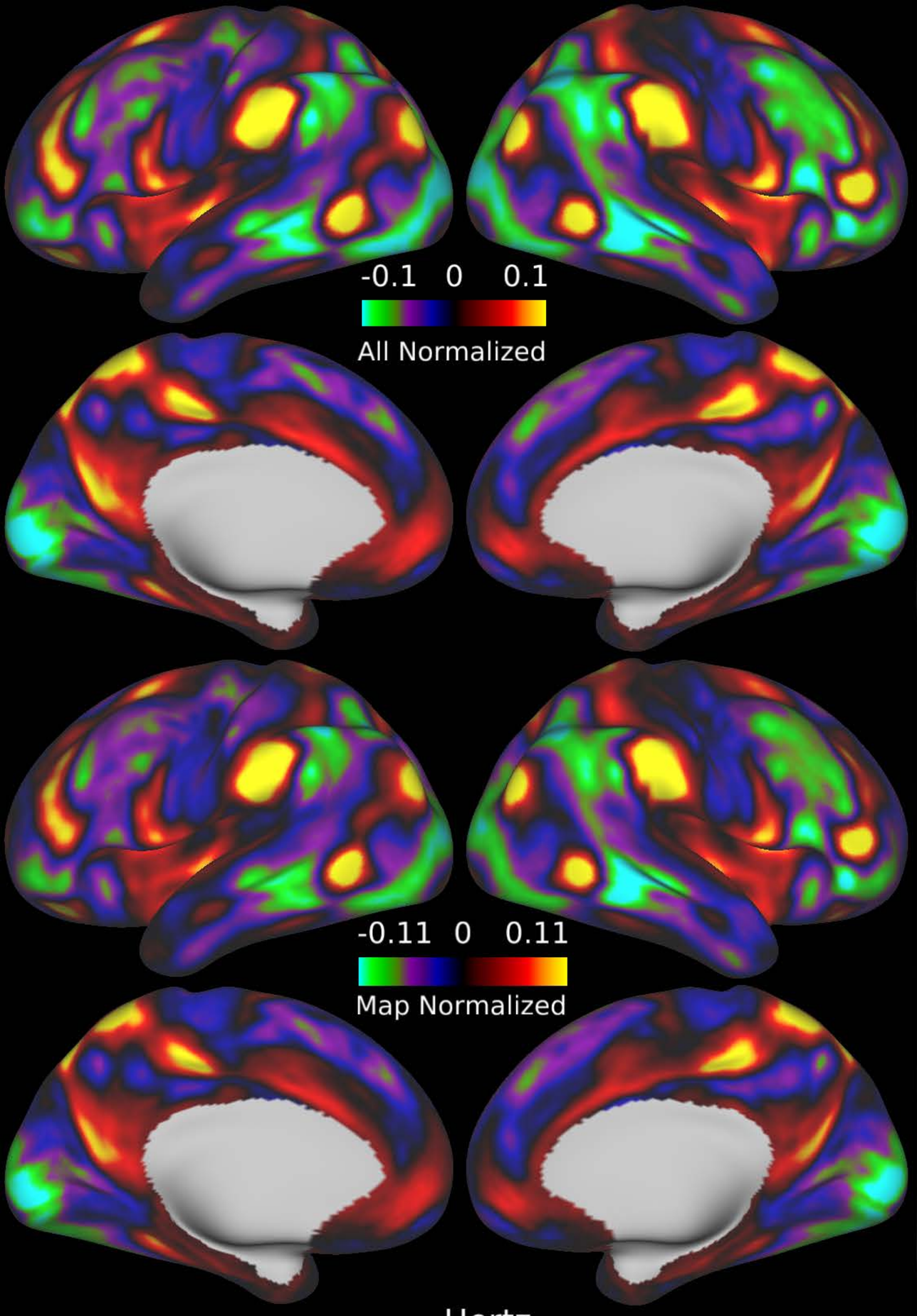


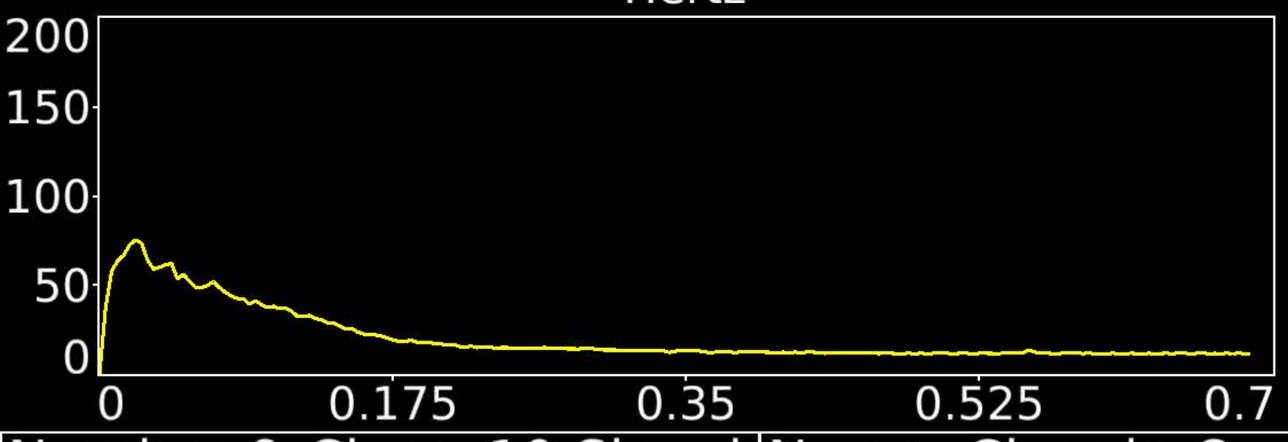


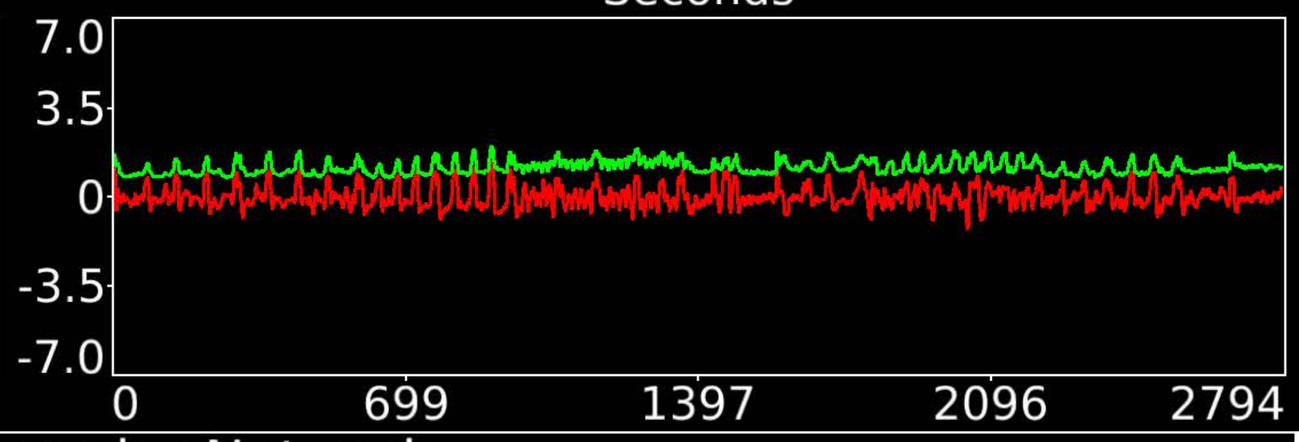


Number & Class: 9 Signal	Name: Gambling Task Main	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 2.47	Globality Index: 0.42
Rest Component: -9	Taskr Component: -8	Task Modulated: Gambling

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

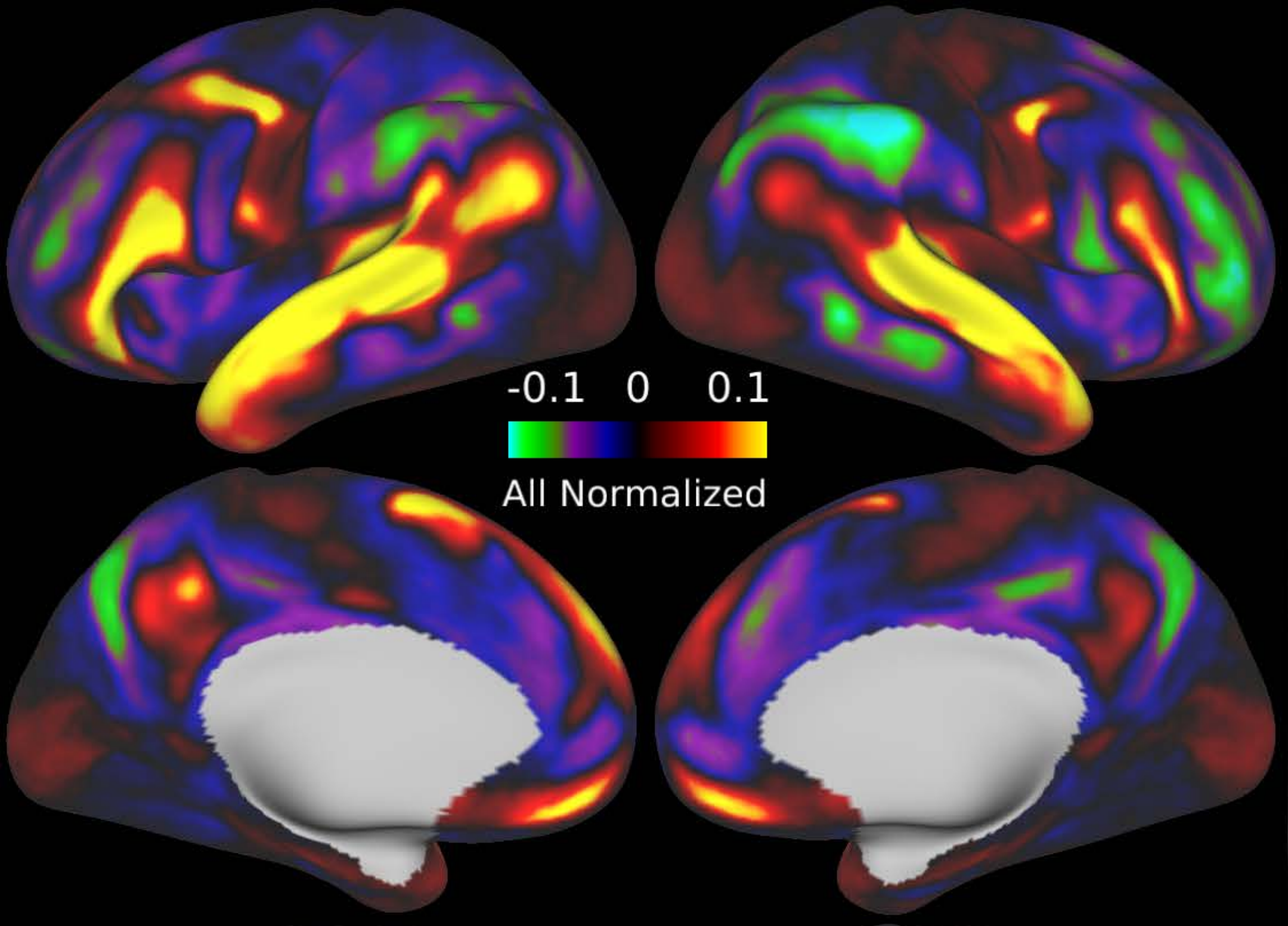


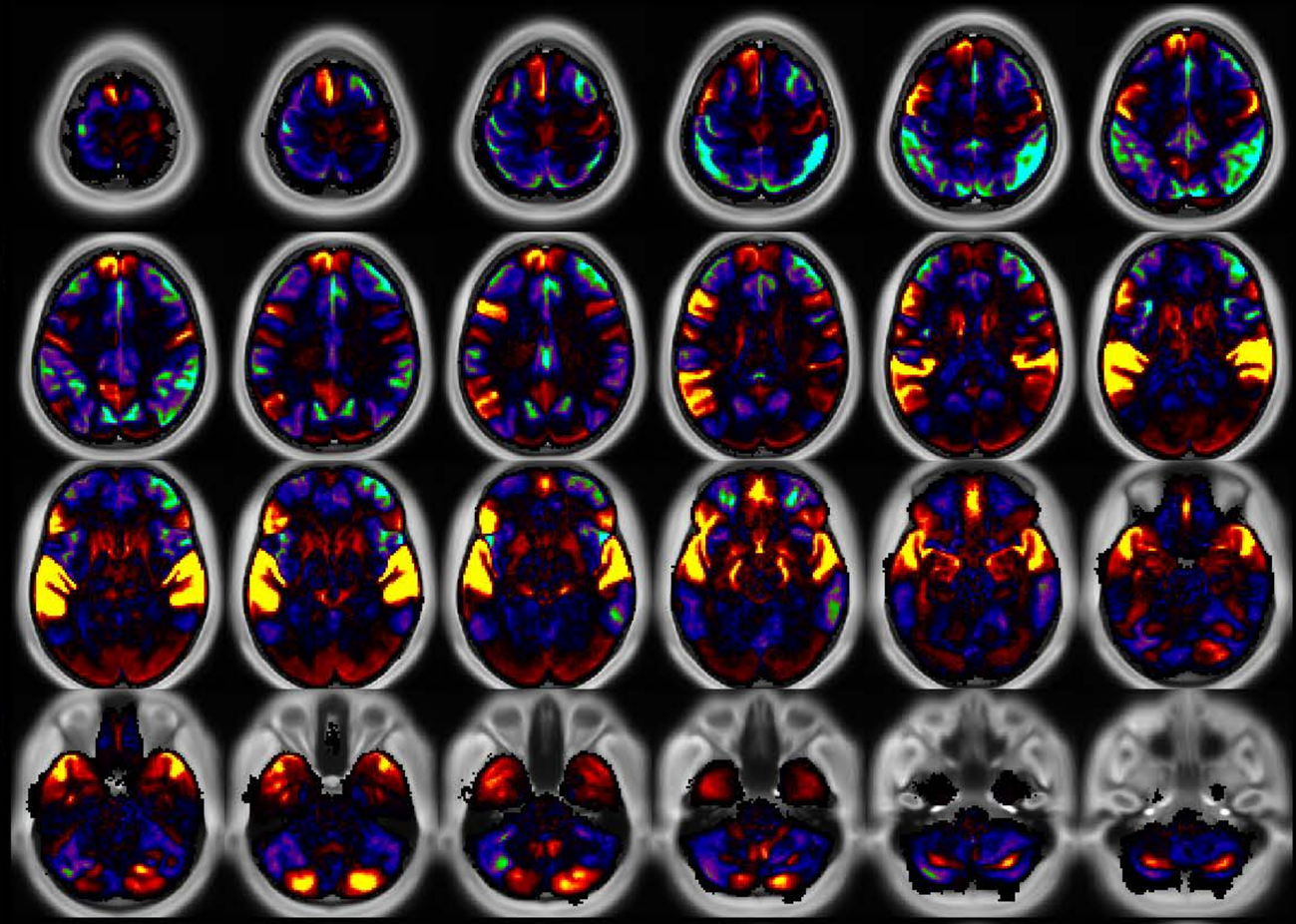


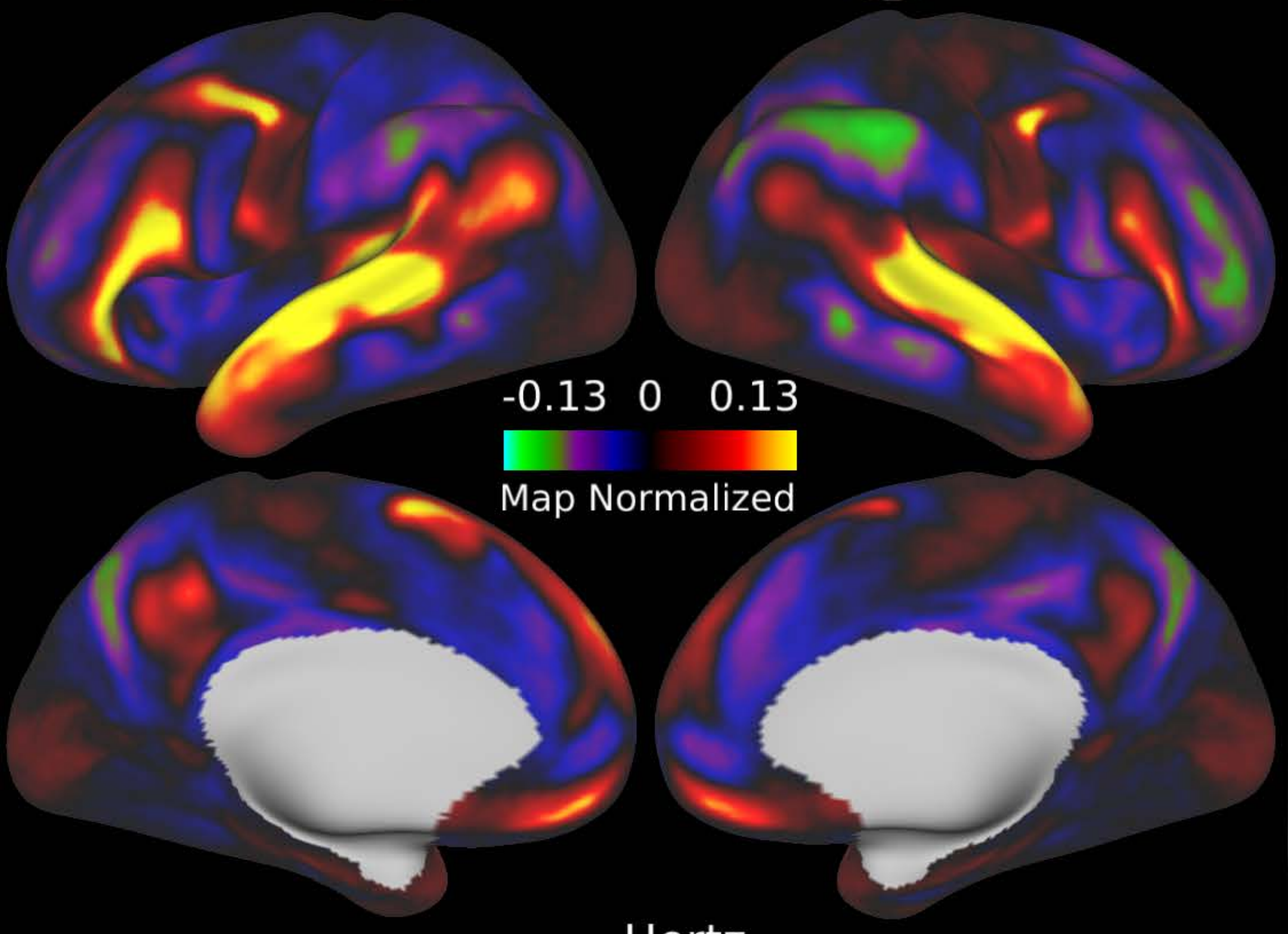


Number & Class: 10 Signal	Name: Cingulo-Opercular Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 2.38	Globality Index: 0.71
Rest Component: 13	Taskr Component: 9	Task Modulated: No

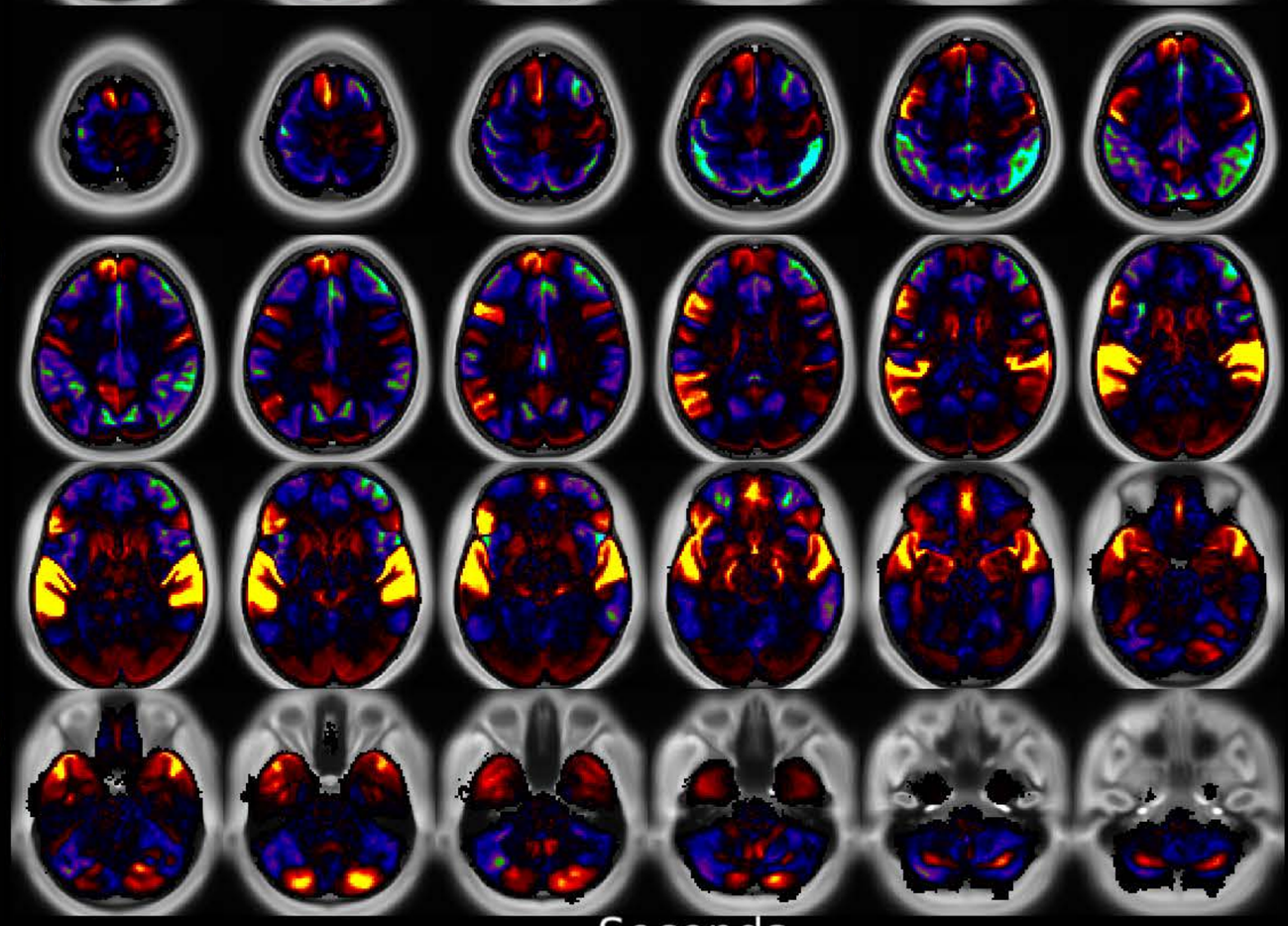
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Cingulo-Opercular Network)







Hertz



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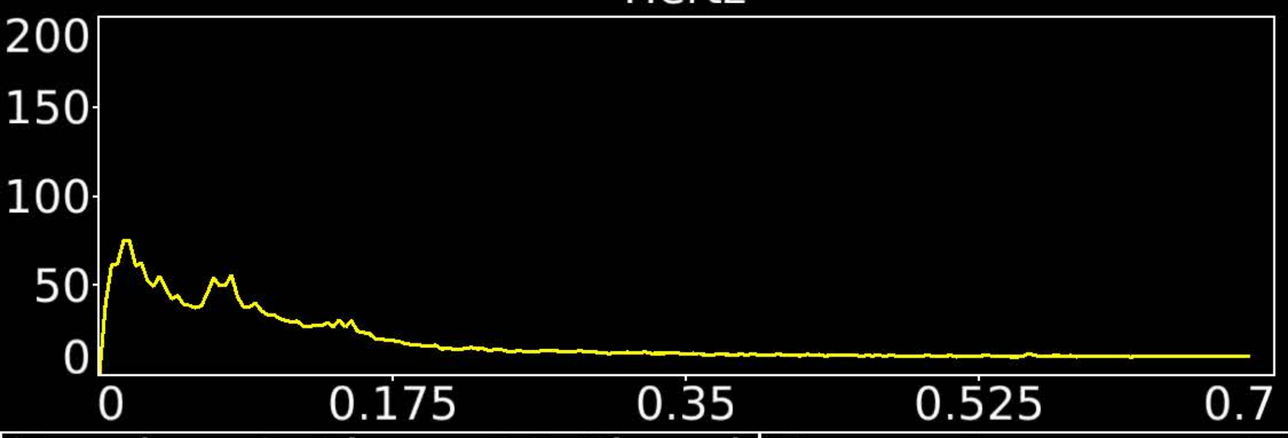
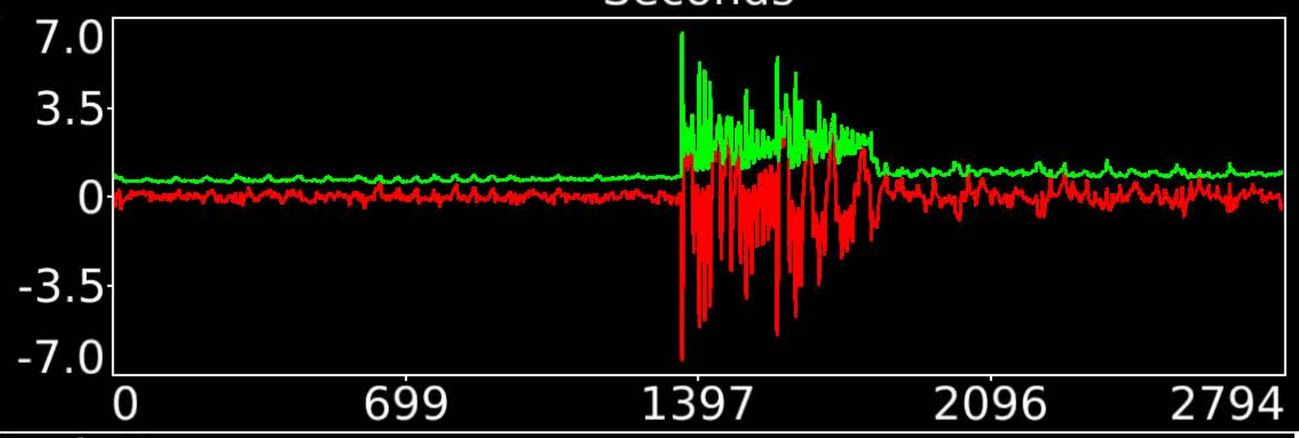
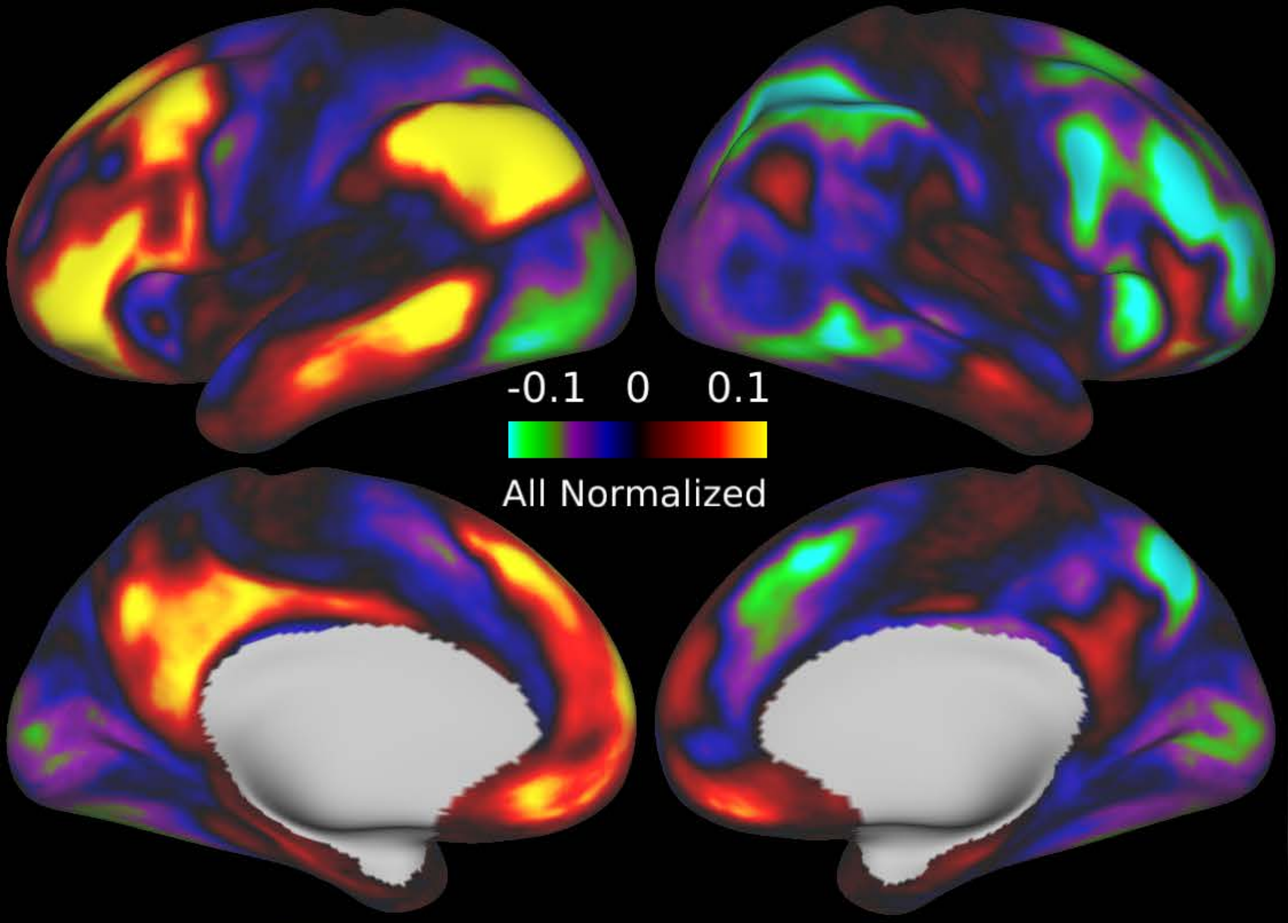
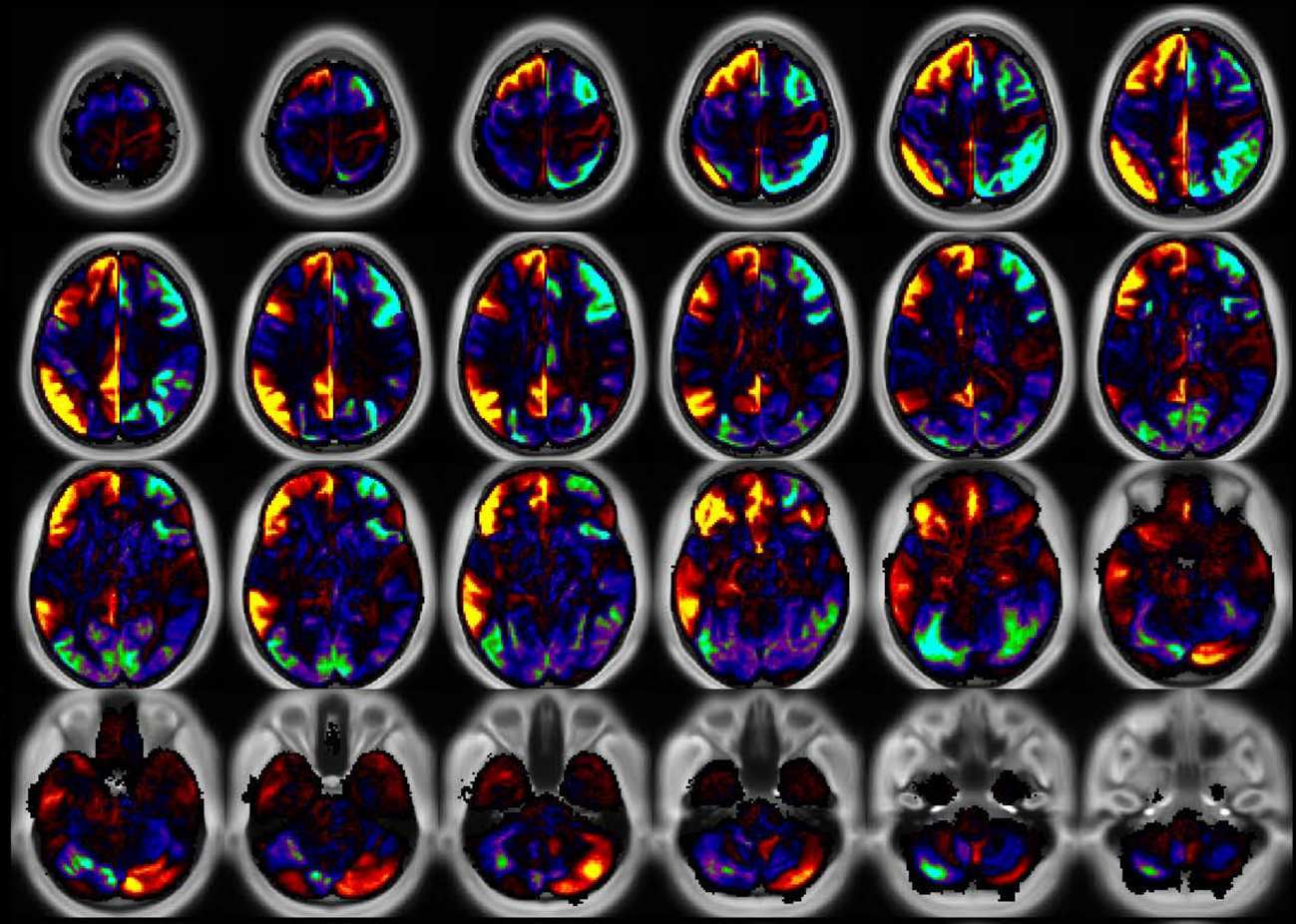


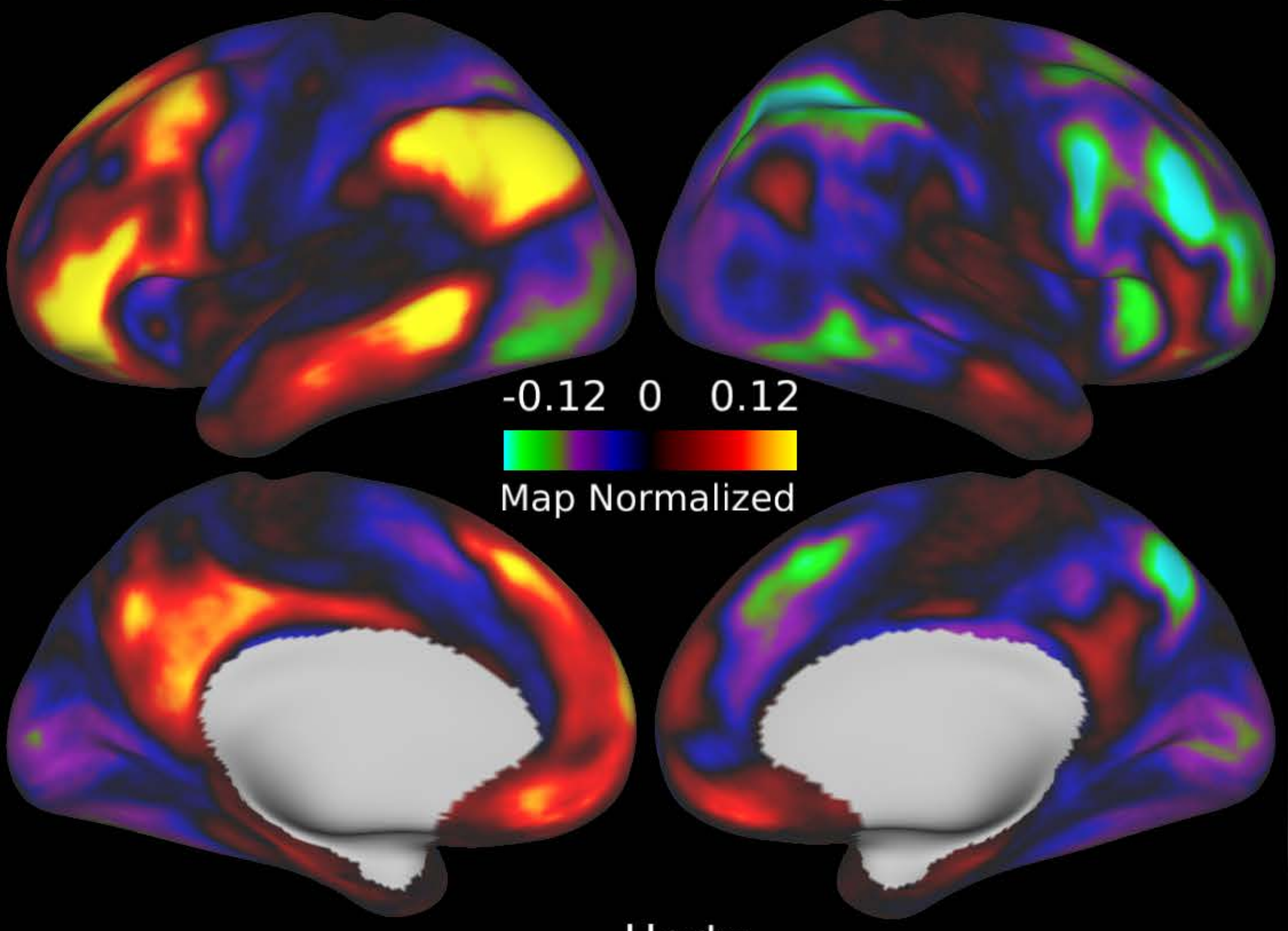


Number & Class: 11 Signal	Name: Language Task Story	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 2.22	Globality Index: 0.26
Rest Component: No	Taskr Component: -4	Task Modulated: Language

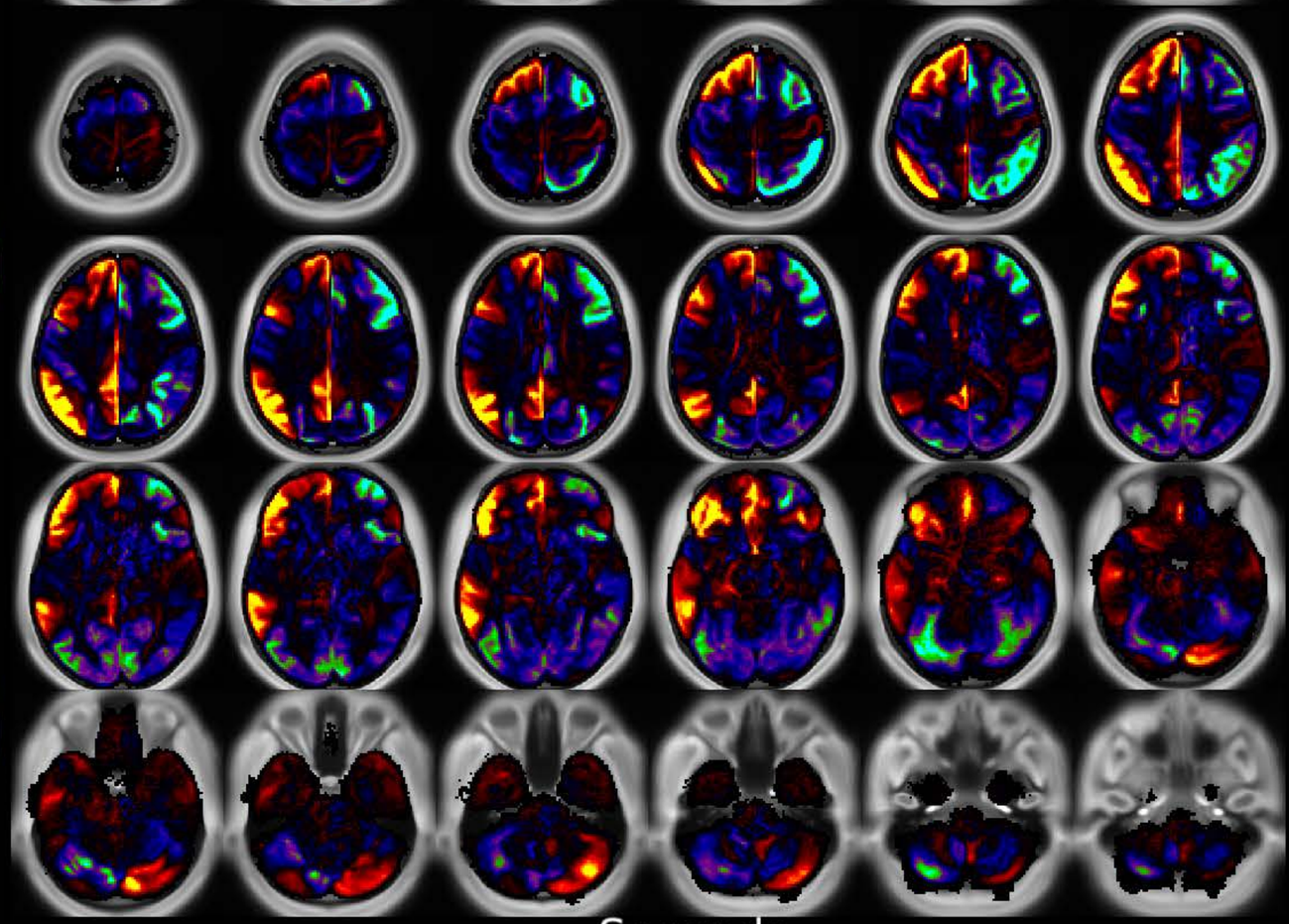
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design







Hertz



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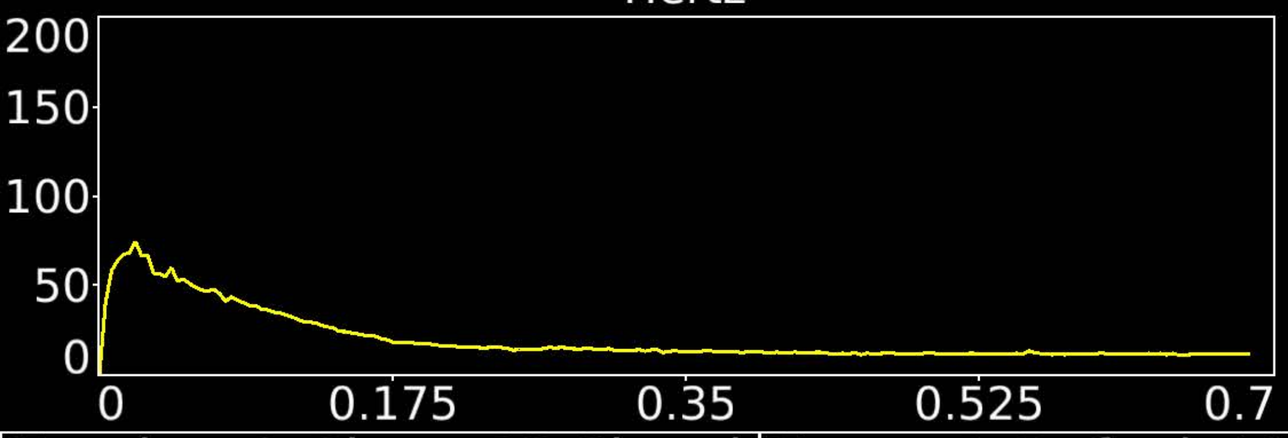
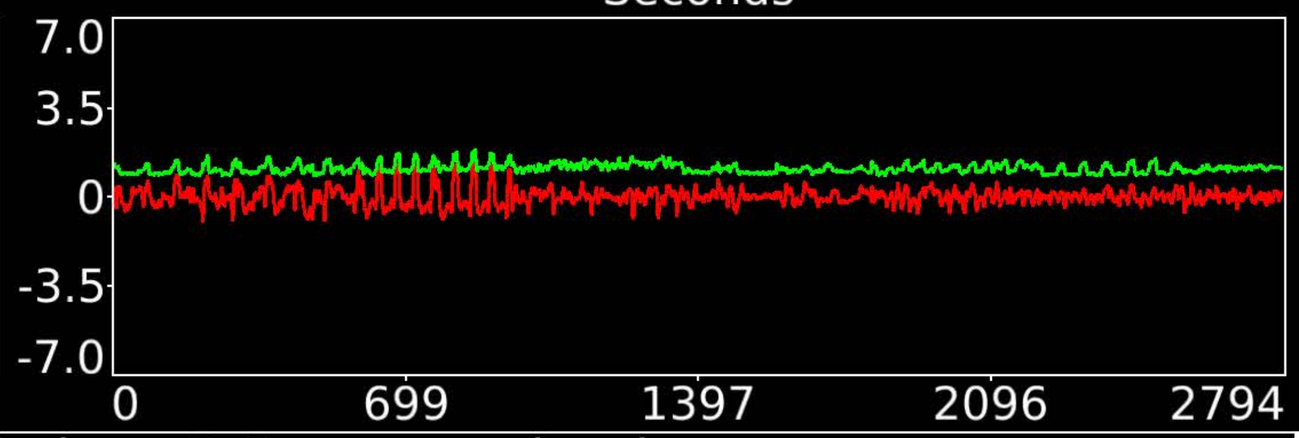
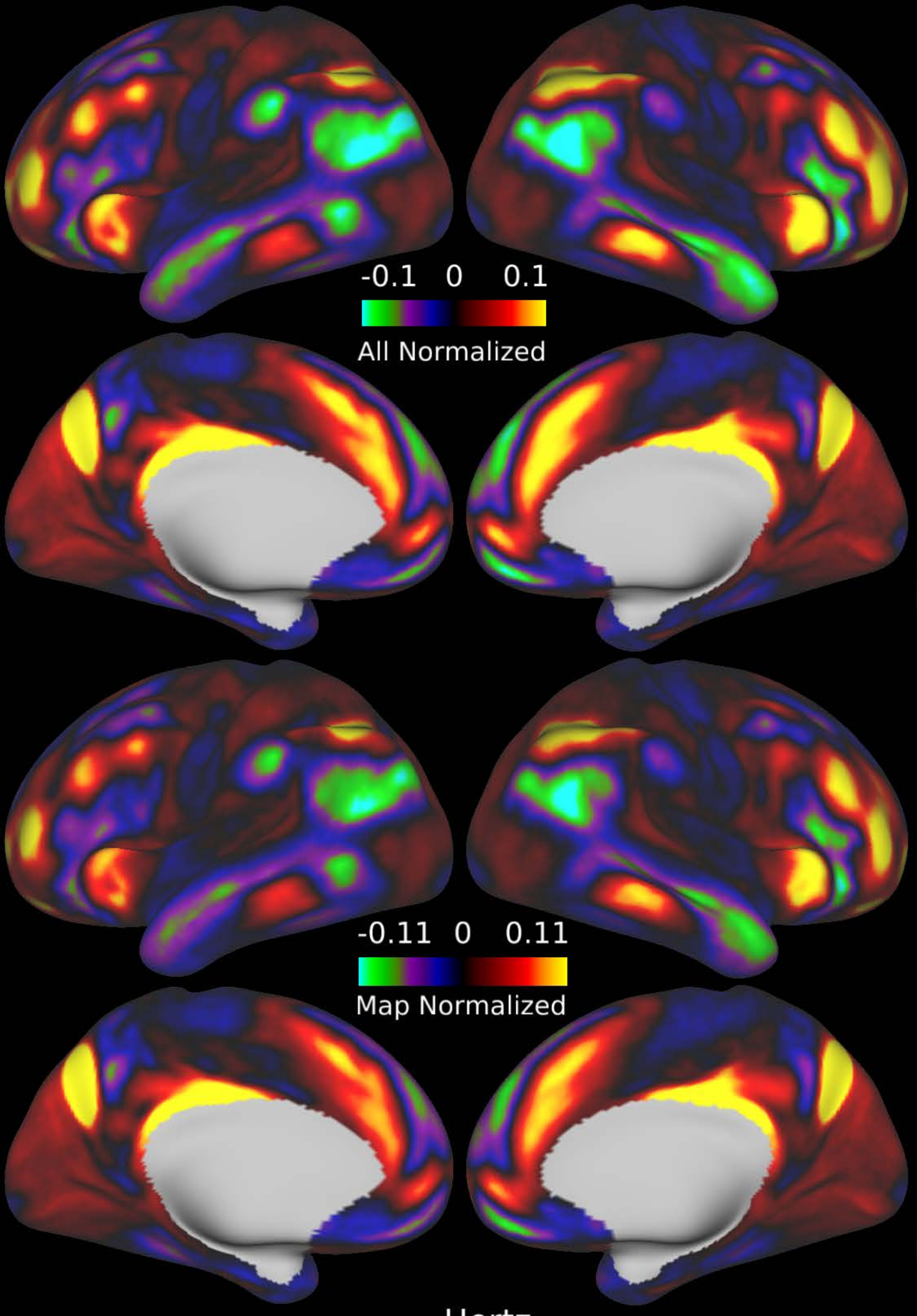
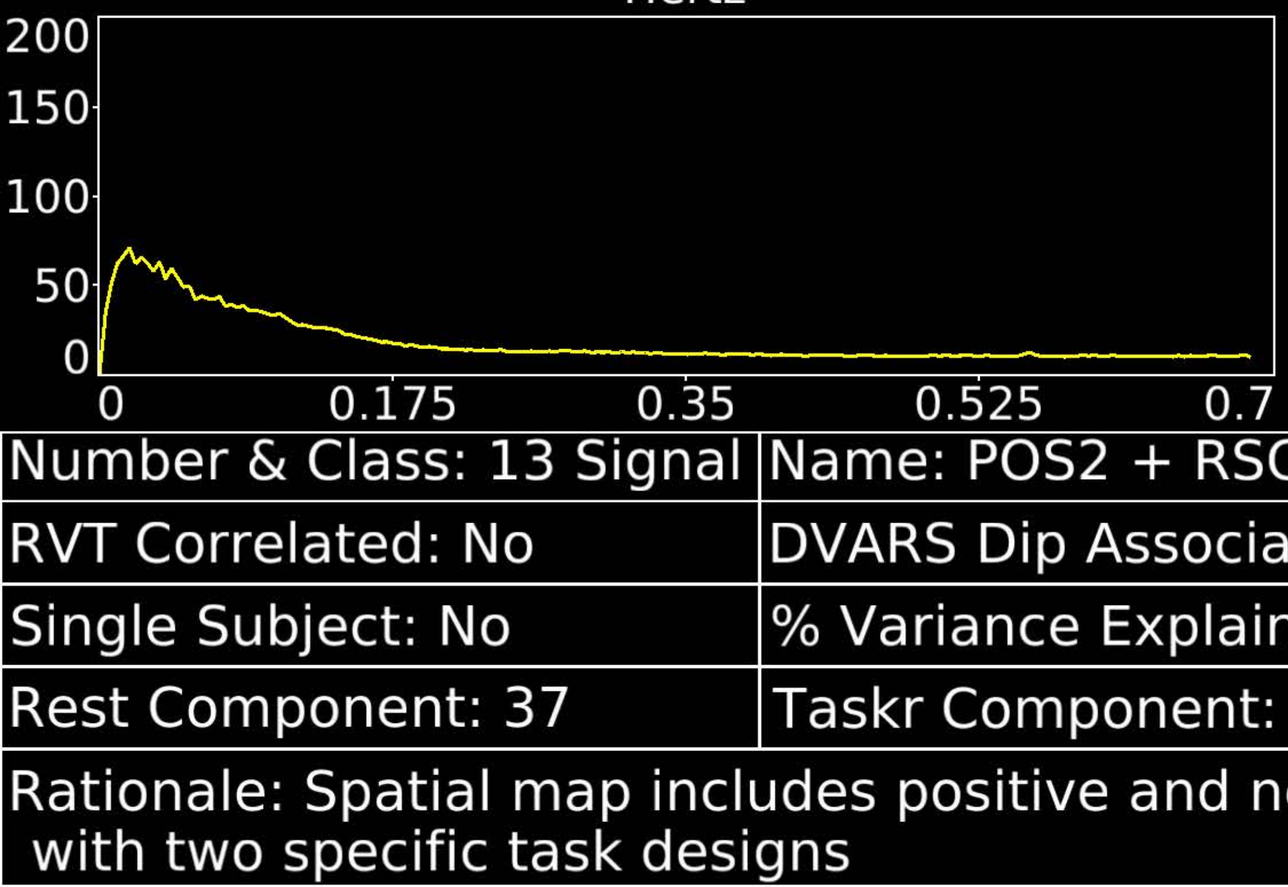


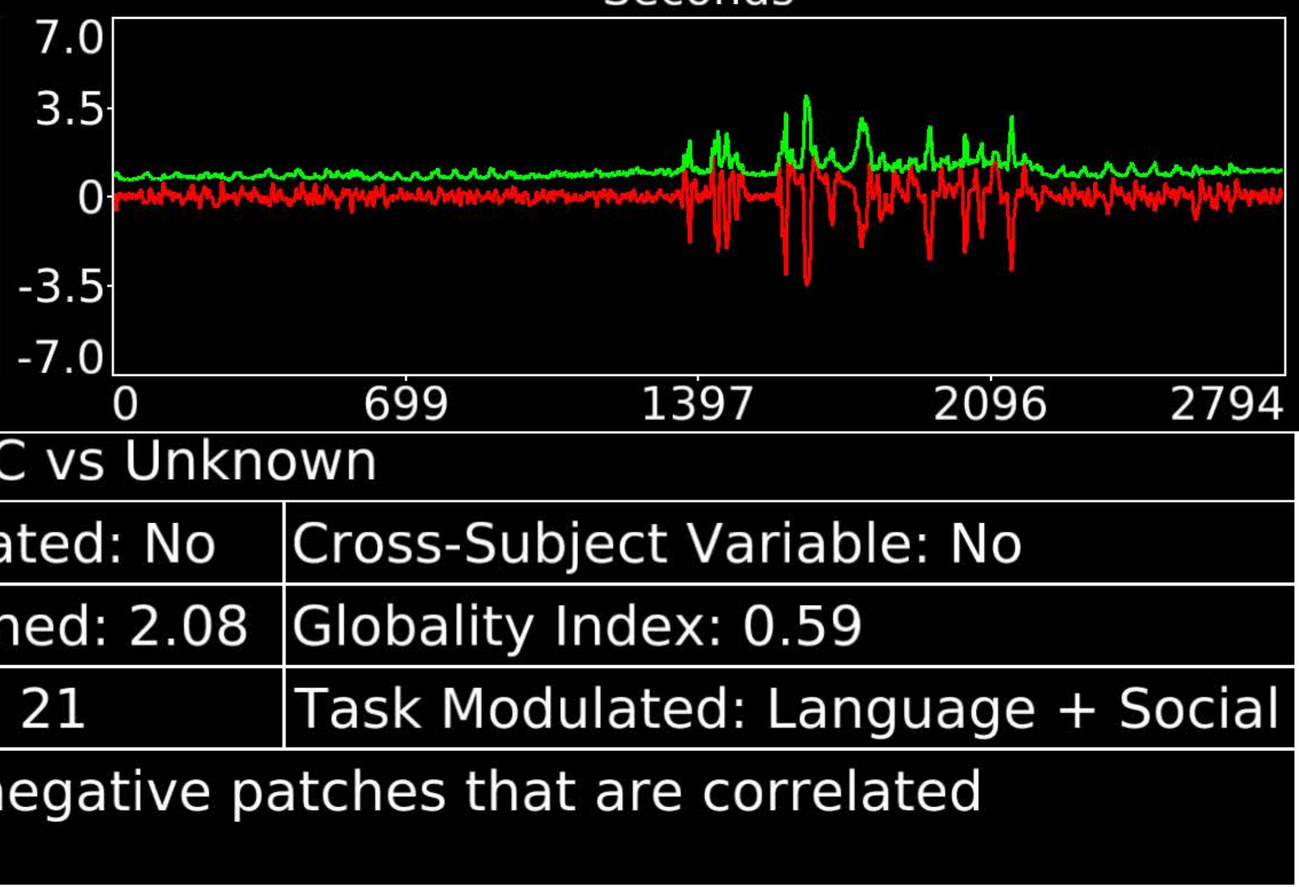


Number & Class: 12 Signal	Name: L Default Mode > R Fronto-parietal	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 2.11	Globality Index: 0.56
Rest Component: No	Taskr Component: -6	Task Modulated: No

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

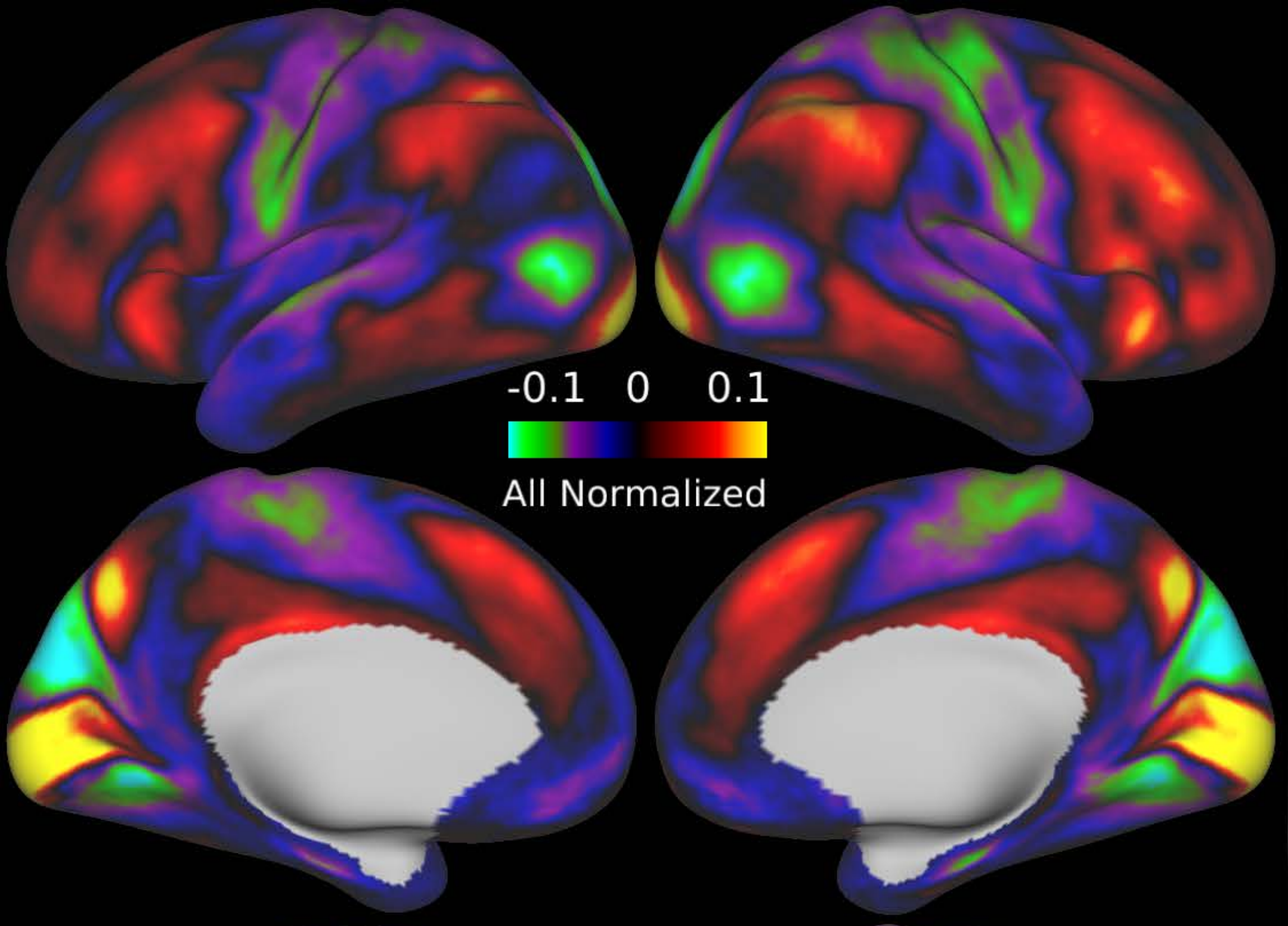


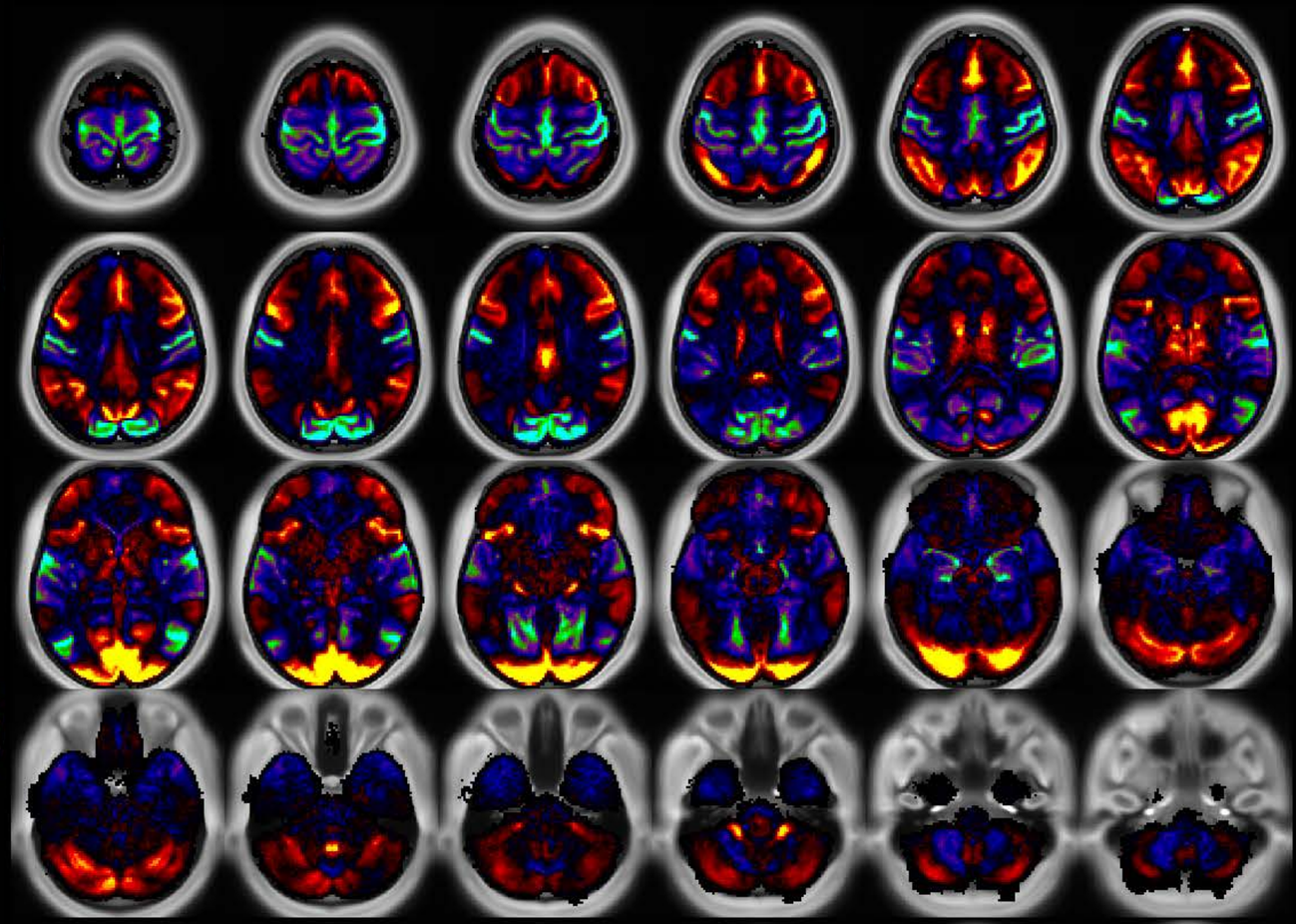


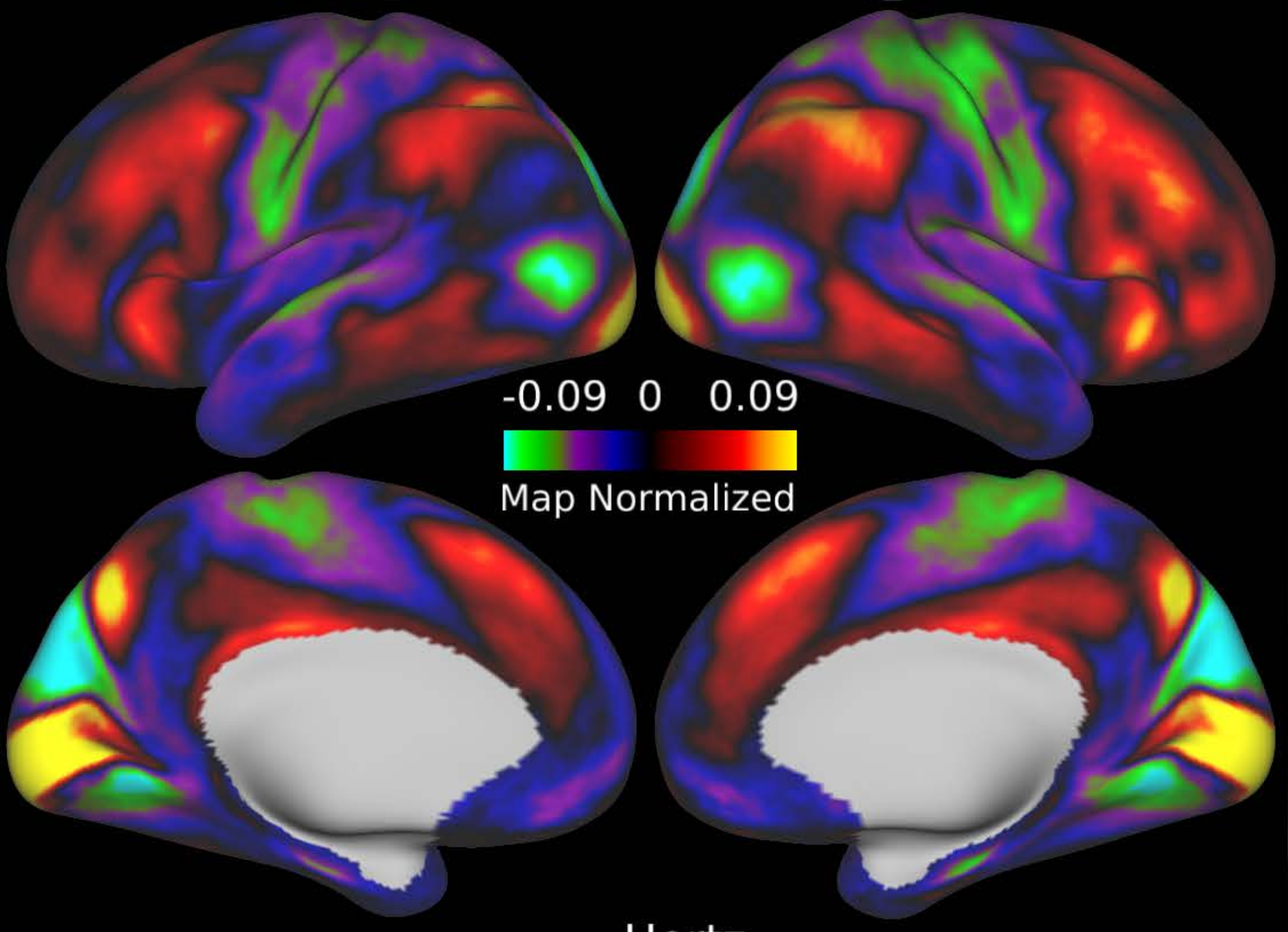


Number & Class: 13 Signal	Name: POS2 + RSC vs Unknown	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 2.08	Globality Index: 0.59
Rest Component: 37	Taskr Component: 21	Task Modulated: Language + Social

Rationale: Spatial map includes positive and negative patches that are correlated with two specific task designs







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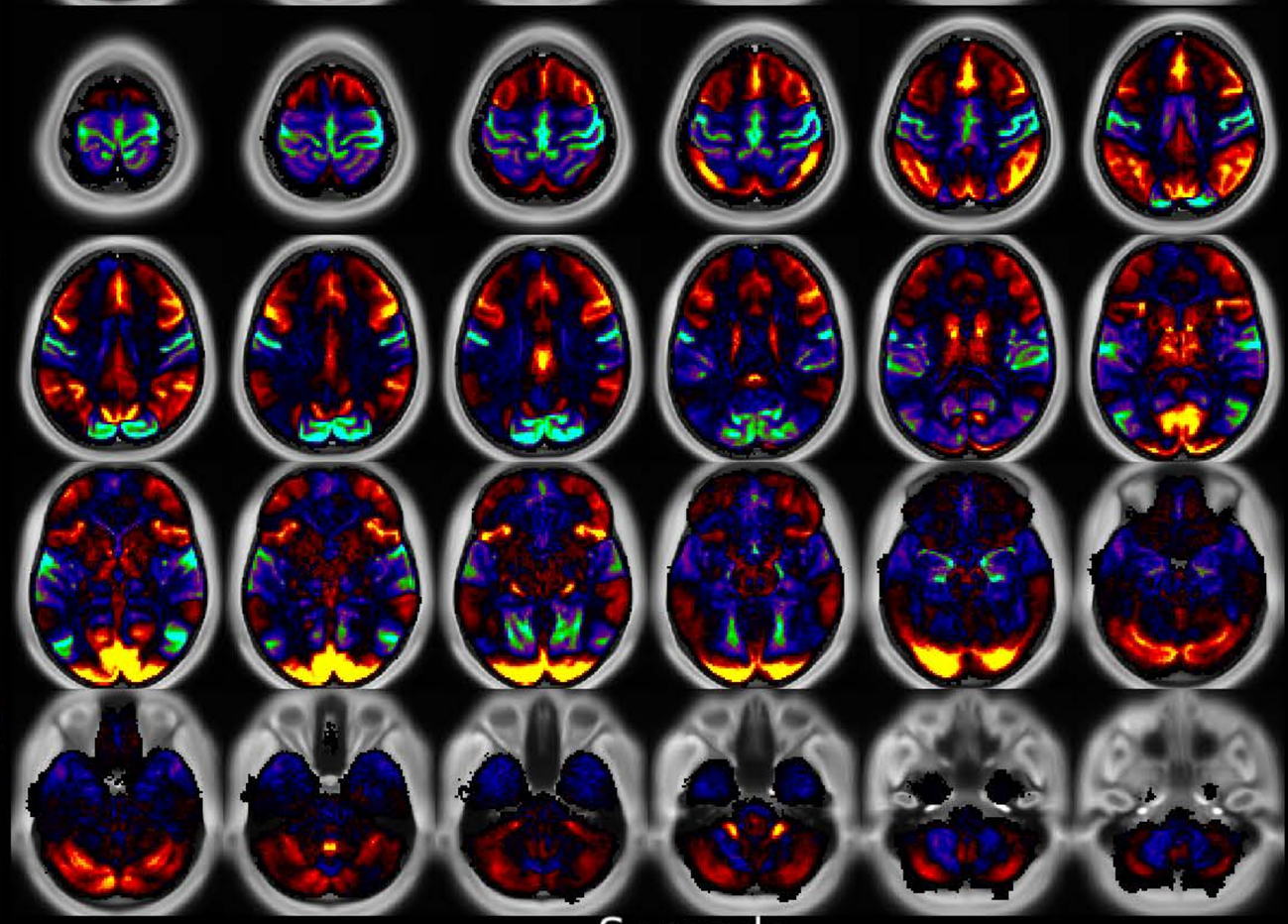

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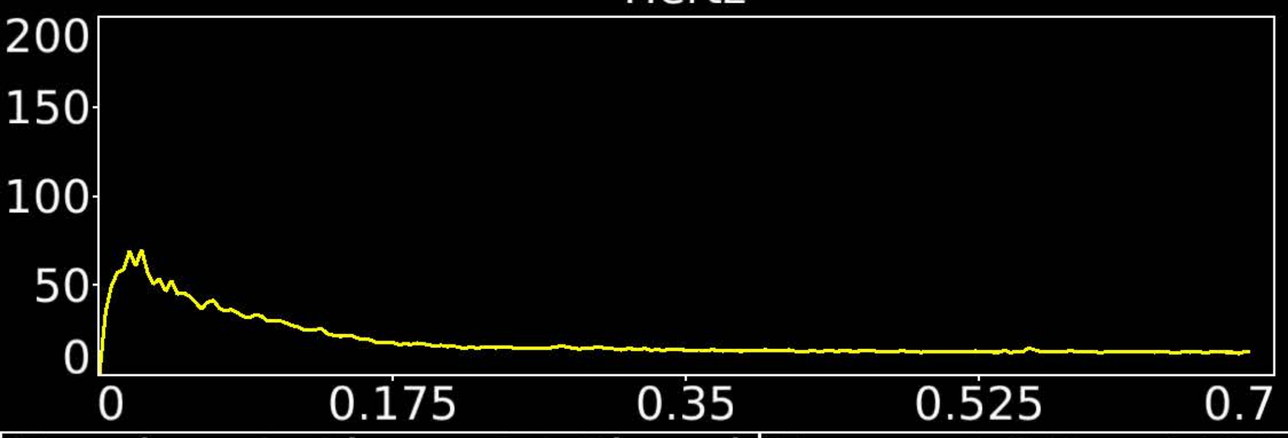
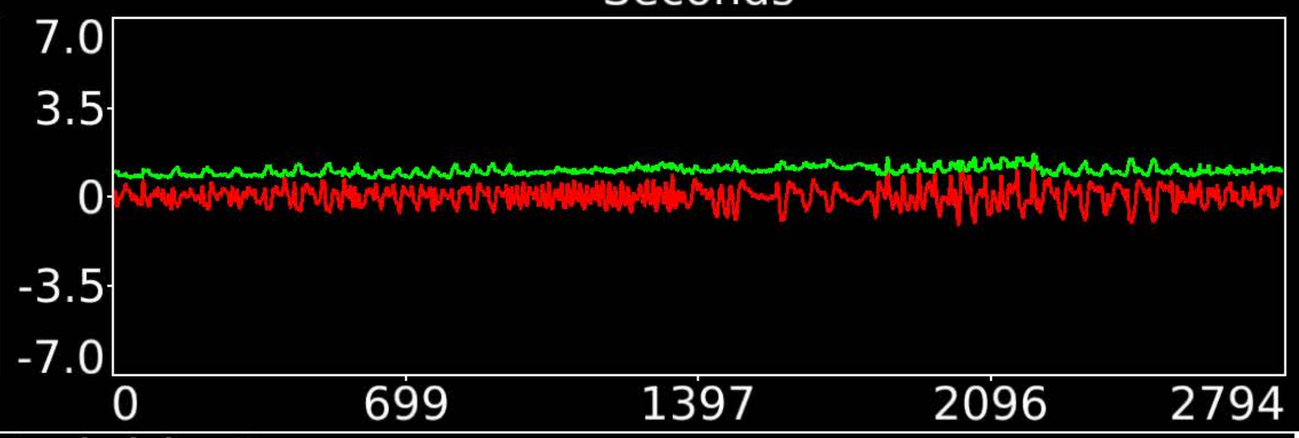
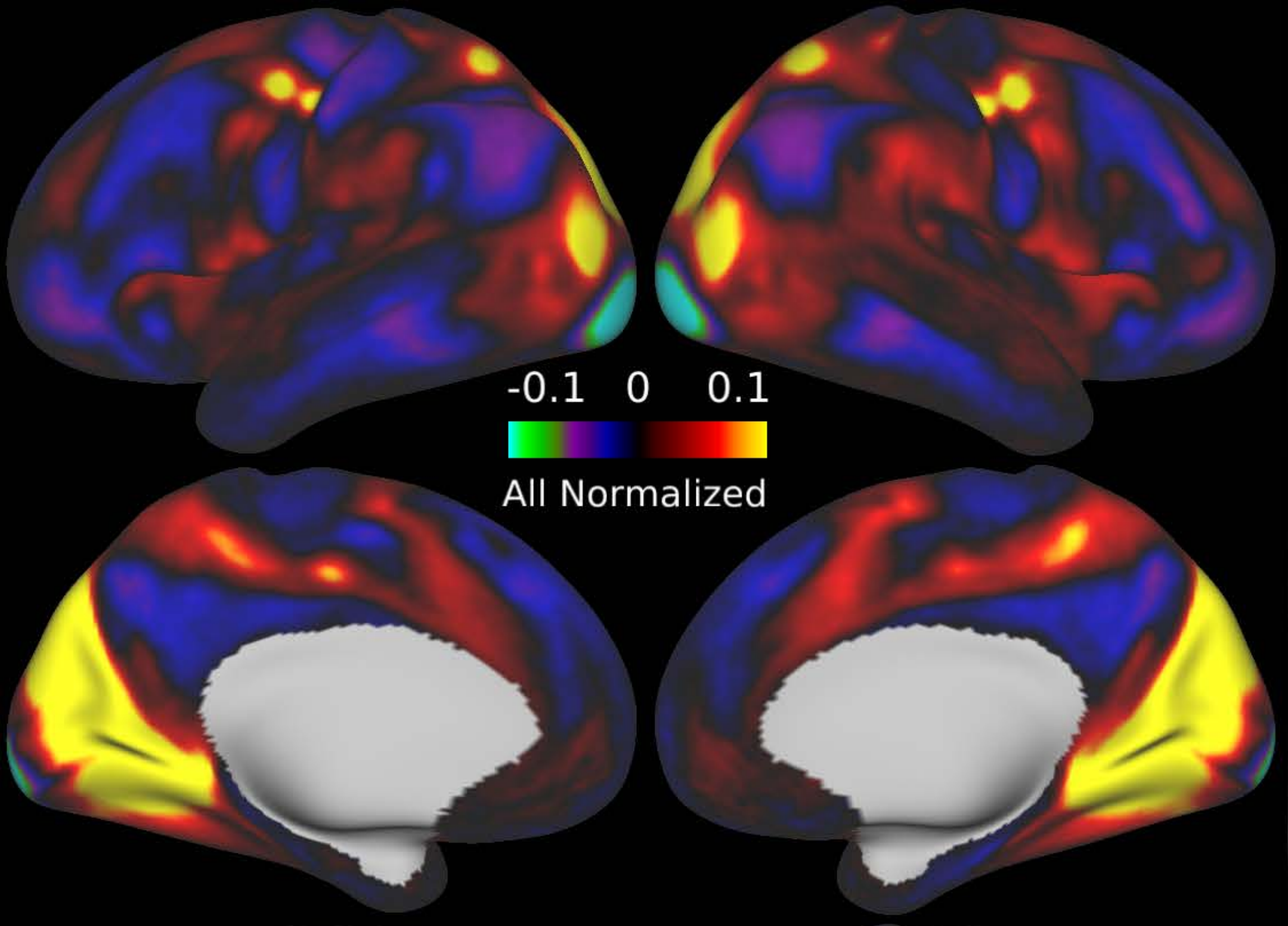
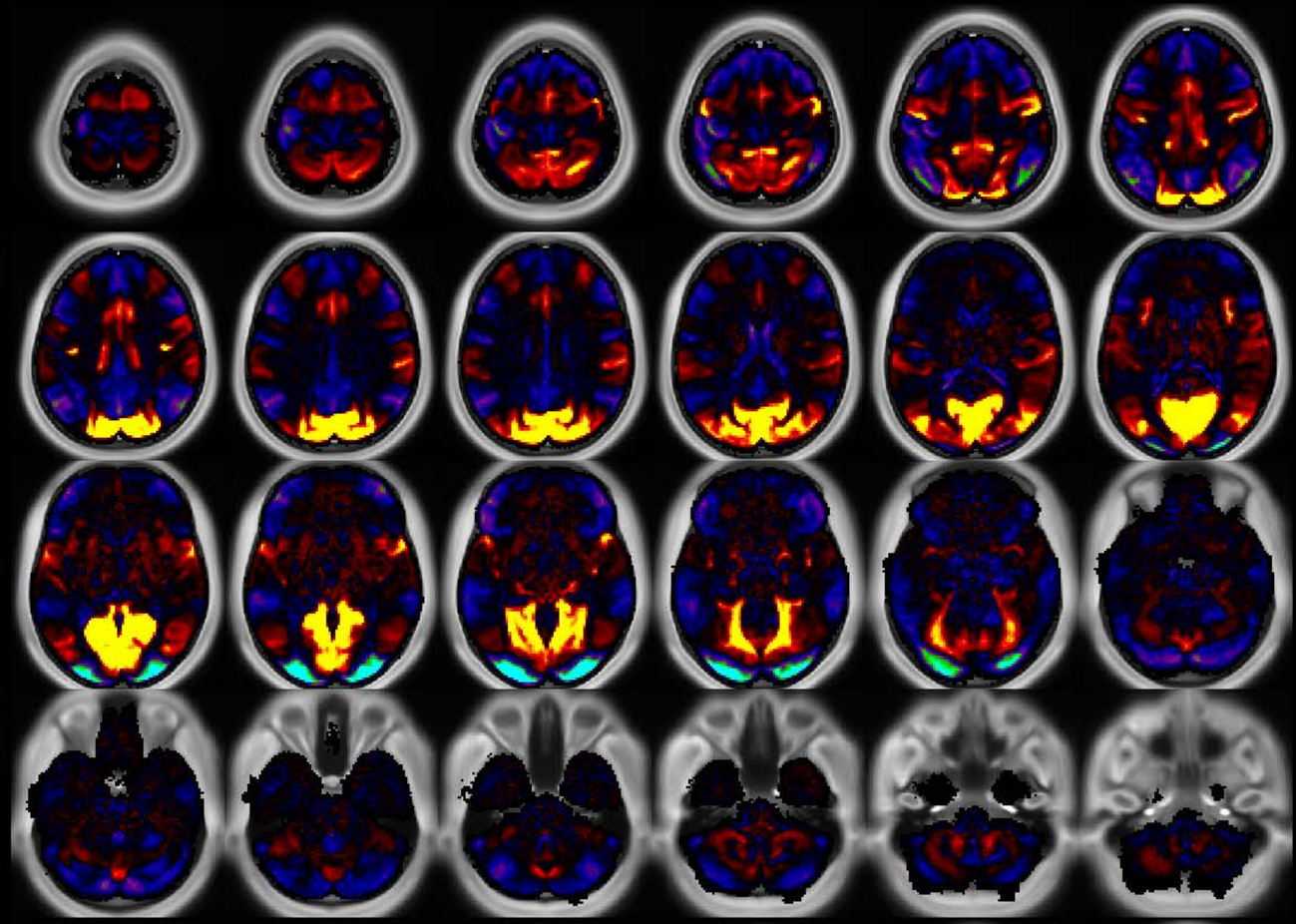


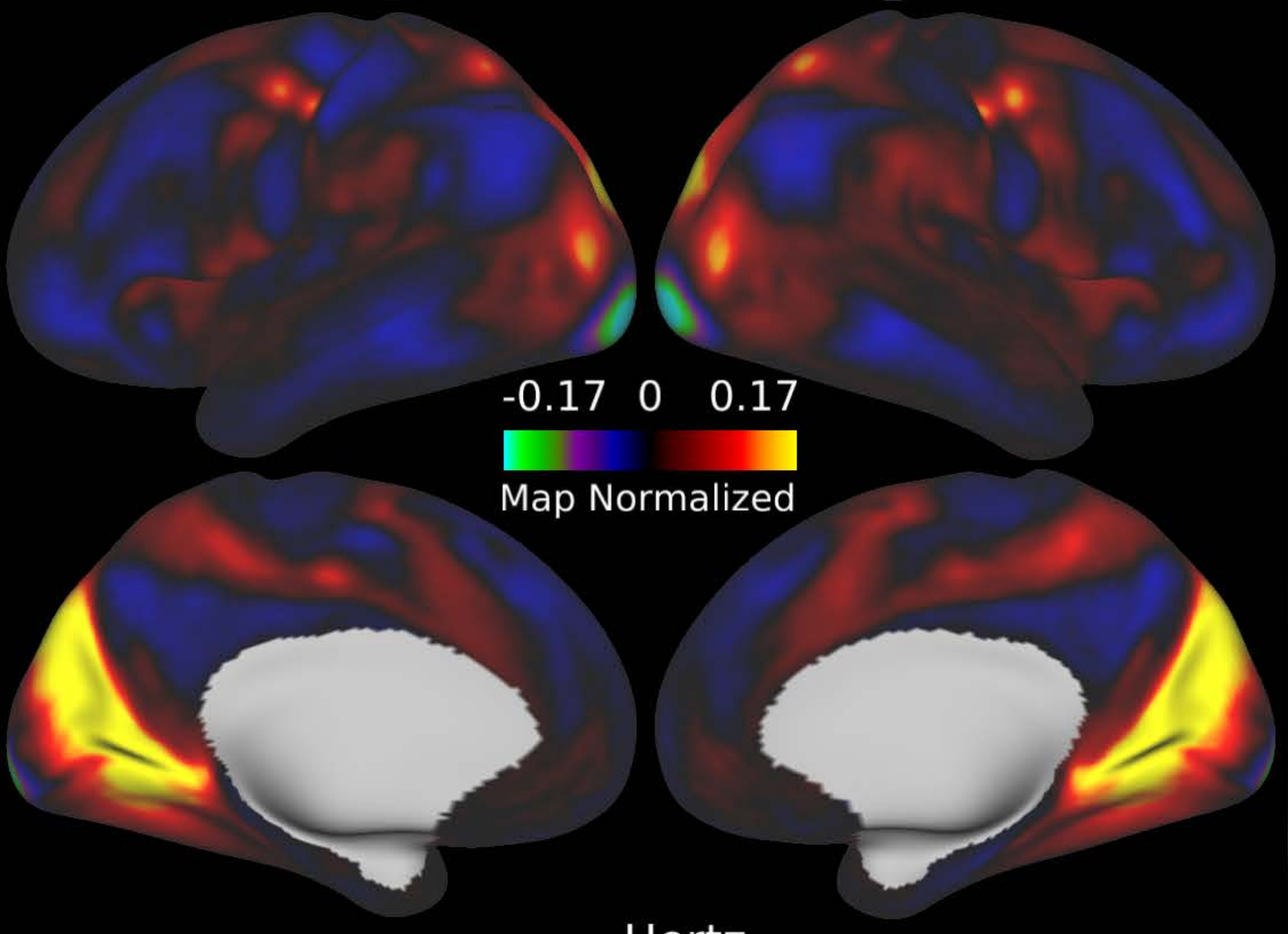


Number & Class: 14 Signal	Name: LGN to V1 Variable Component	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 1.95	Globality Index: 0.13
Rest Component: 2	Taskr Component: 14	Task Modulated: No

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







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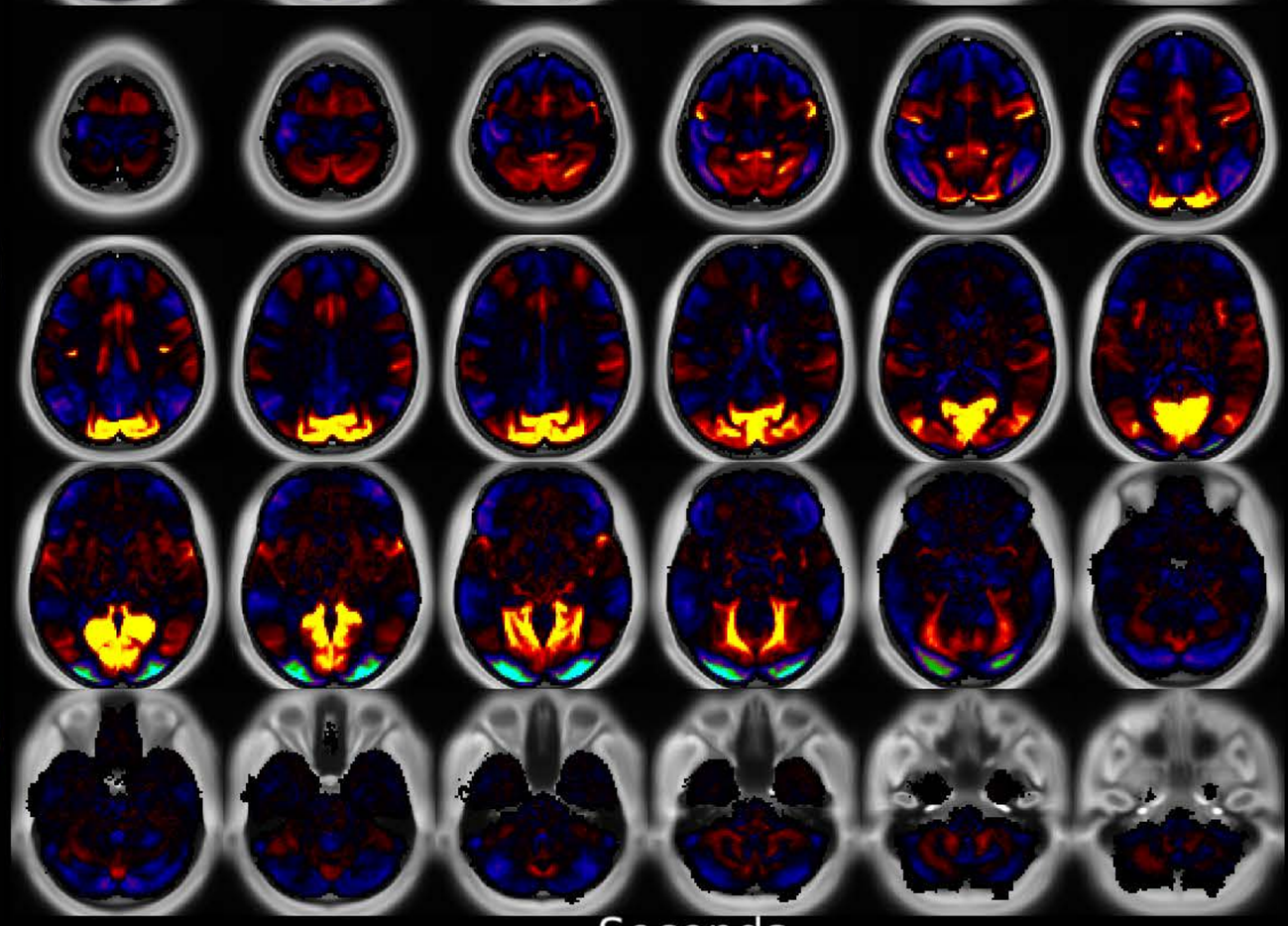

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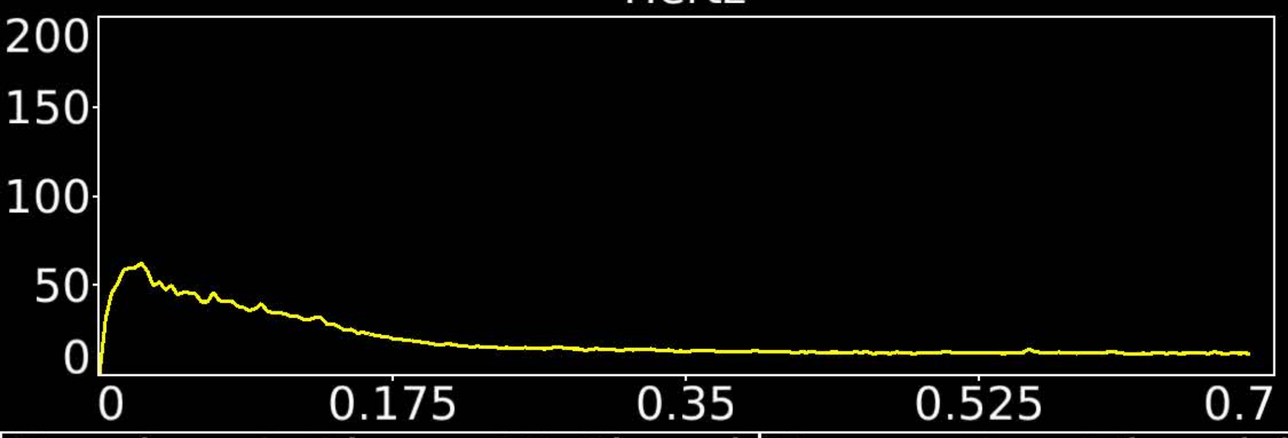
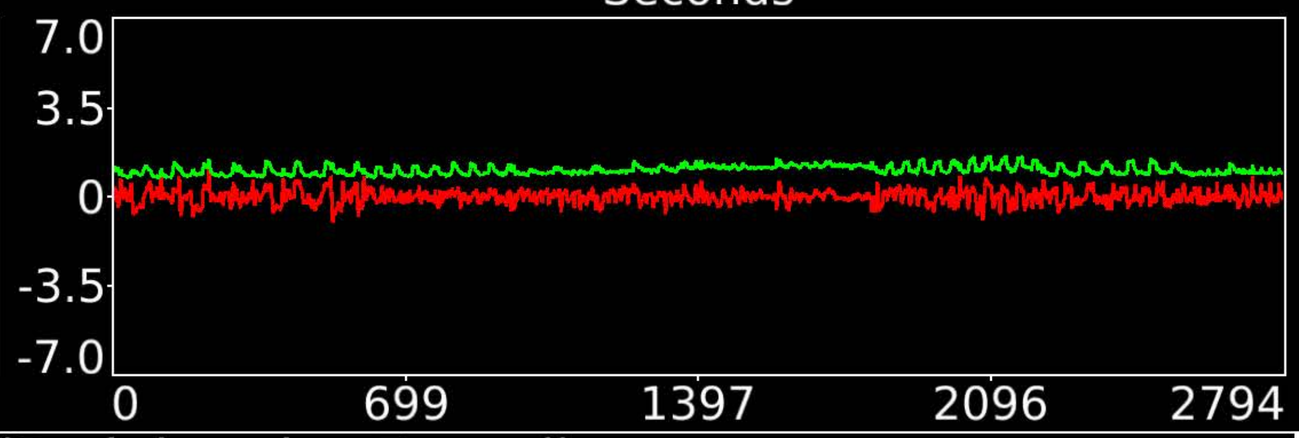
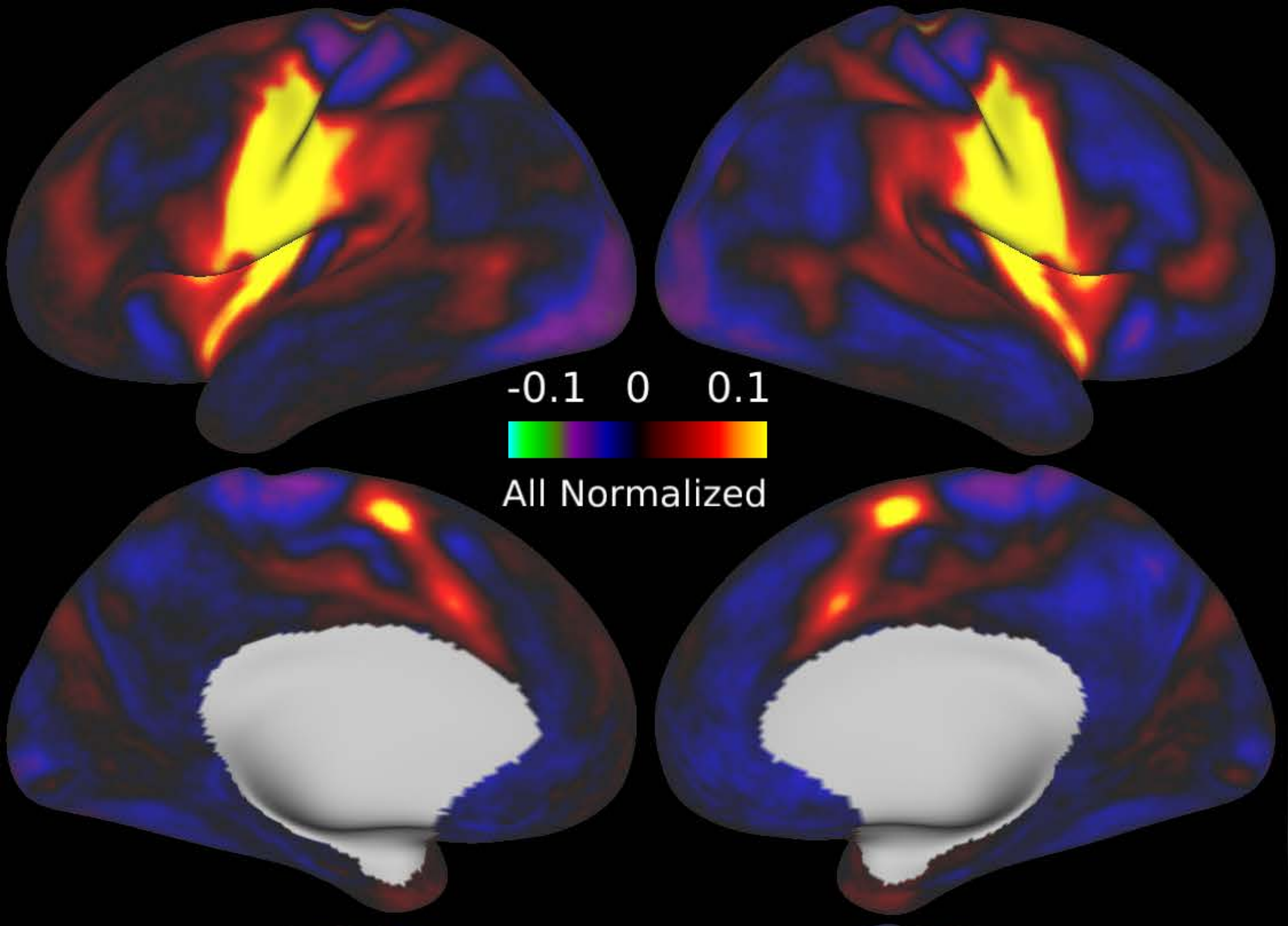
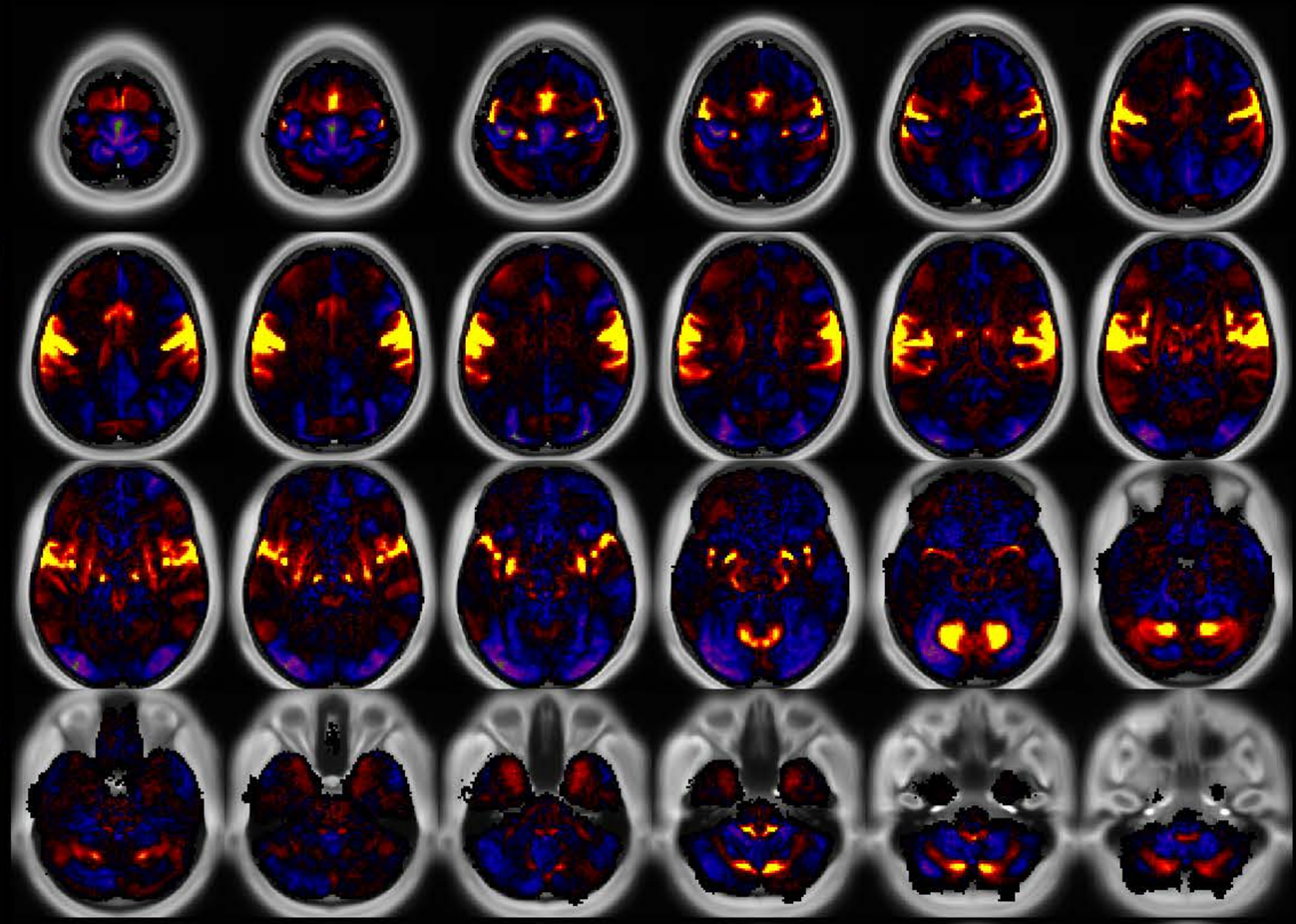
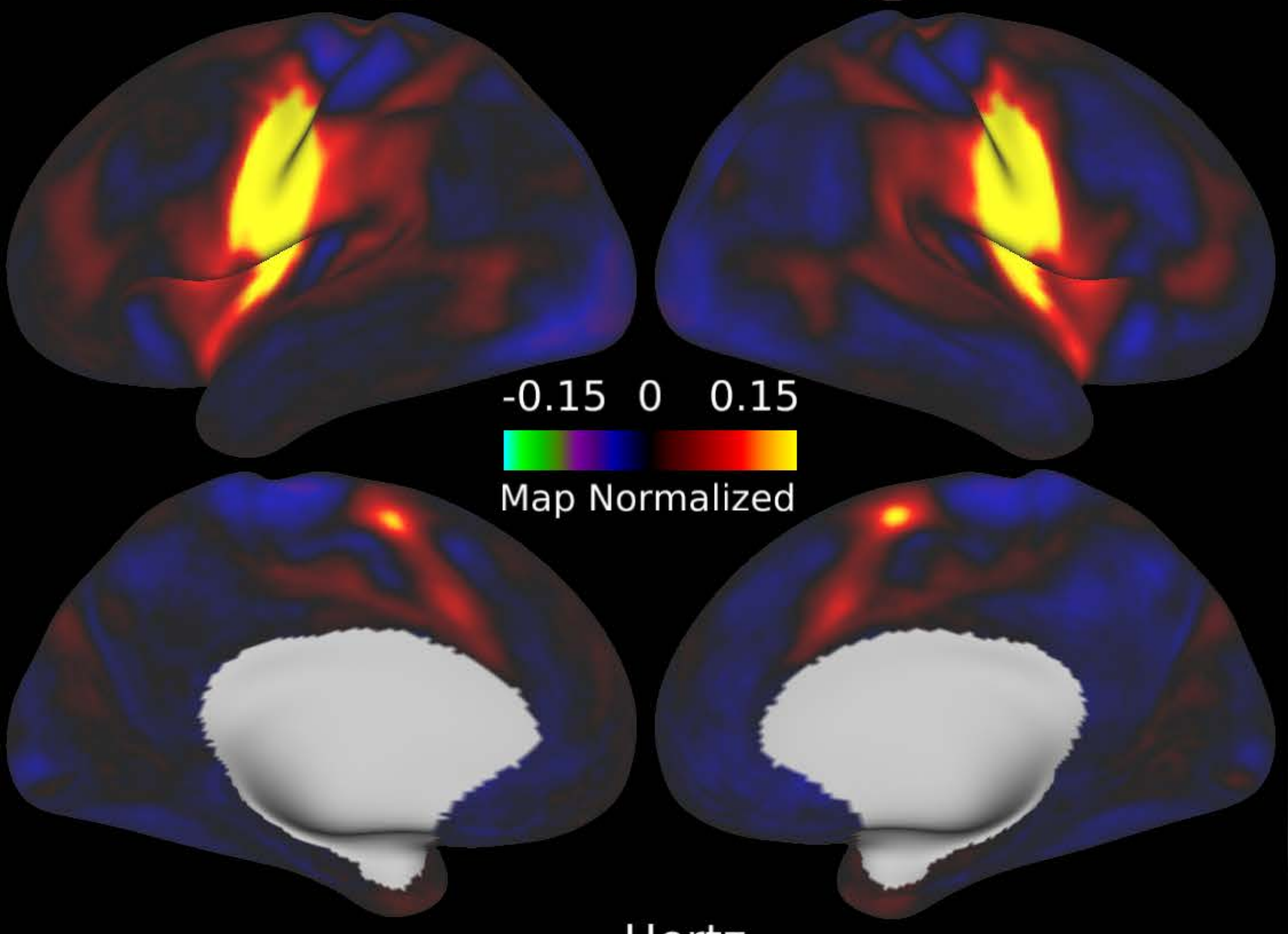




Number & Class: 15 Signal	Name: Pan-Visual (Peripheral > Foveal)	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 1.95	Globality Index: 0.16
Rest Component: No	Taskr Component: 3	Task Modulated: No
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Peripheral vs Foveal)		







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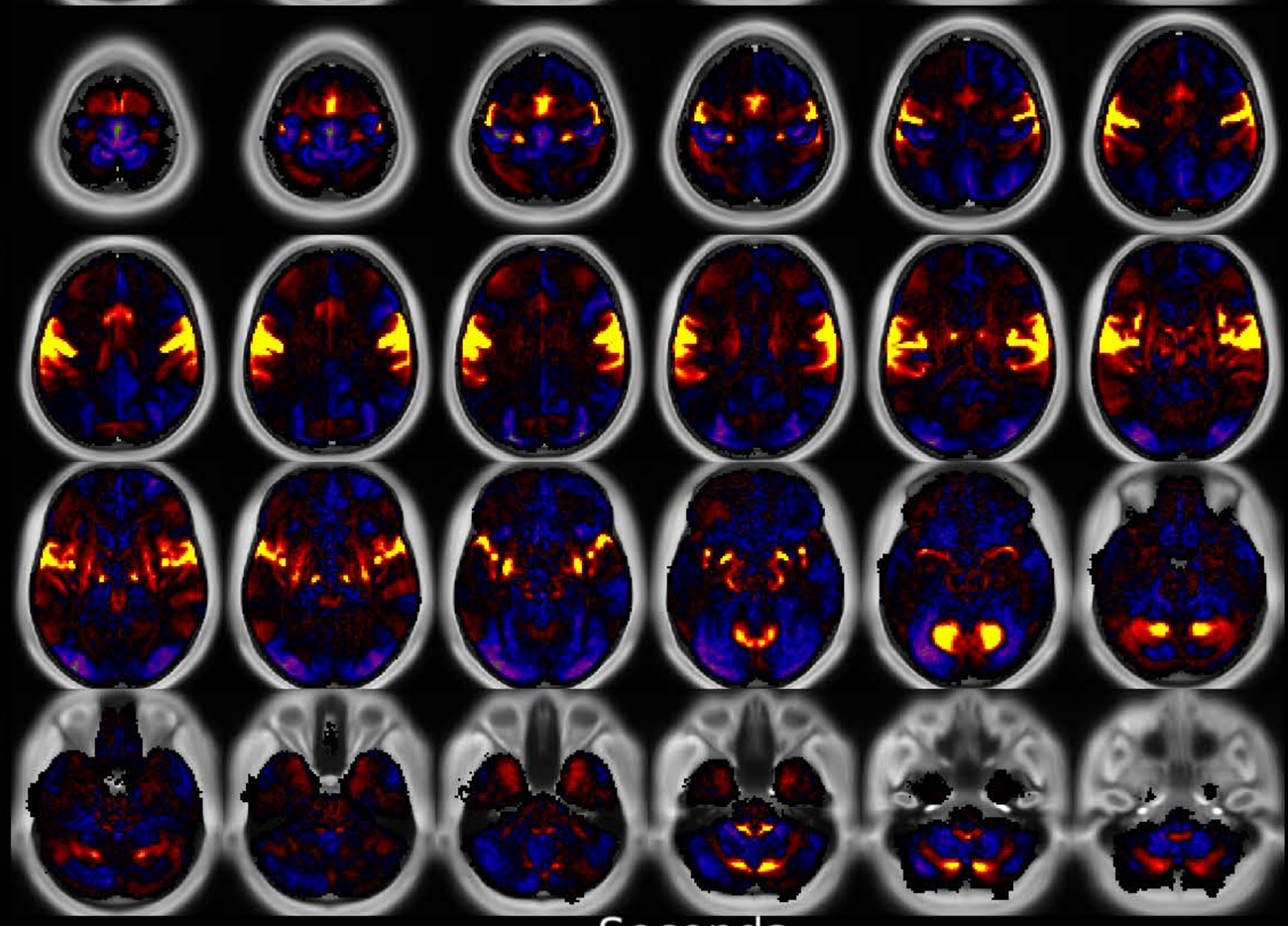

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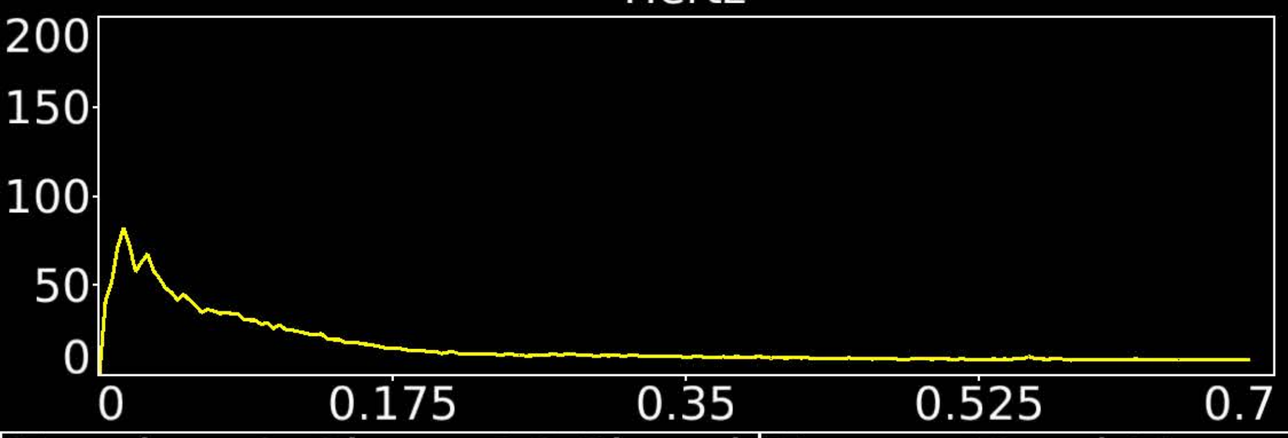
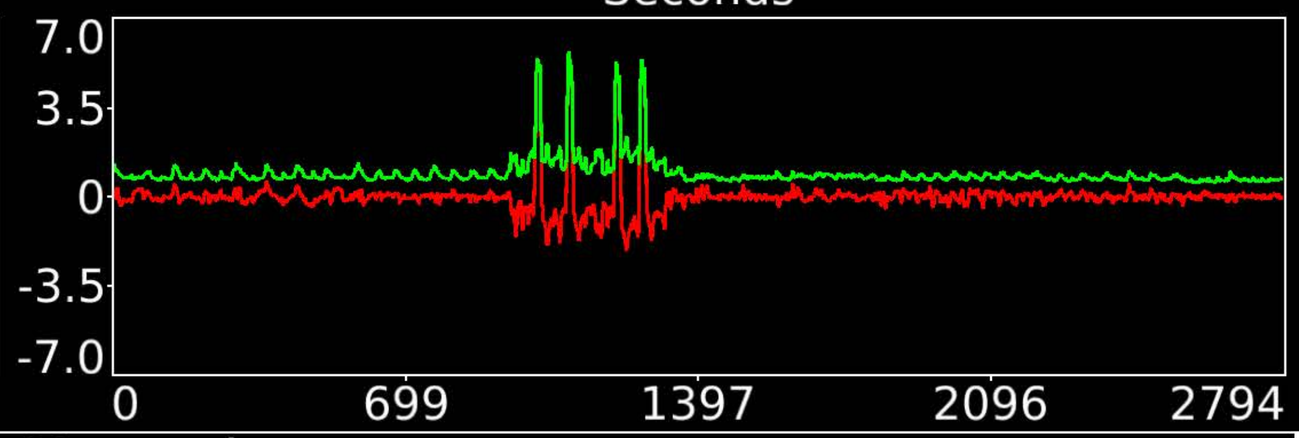
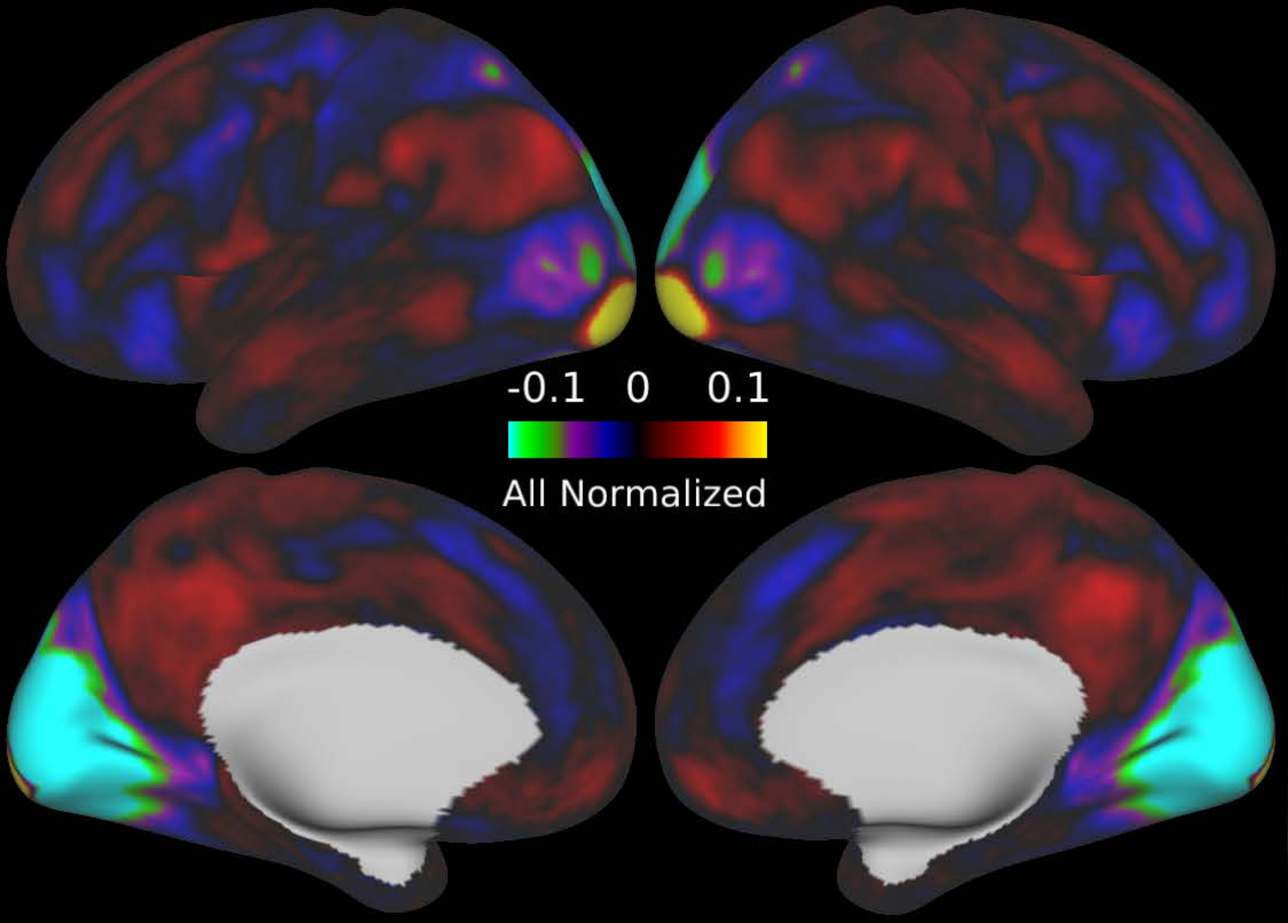
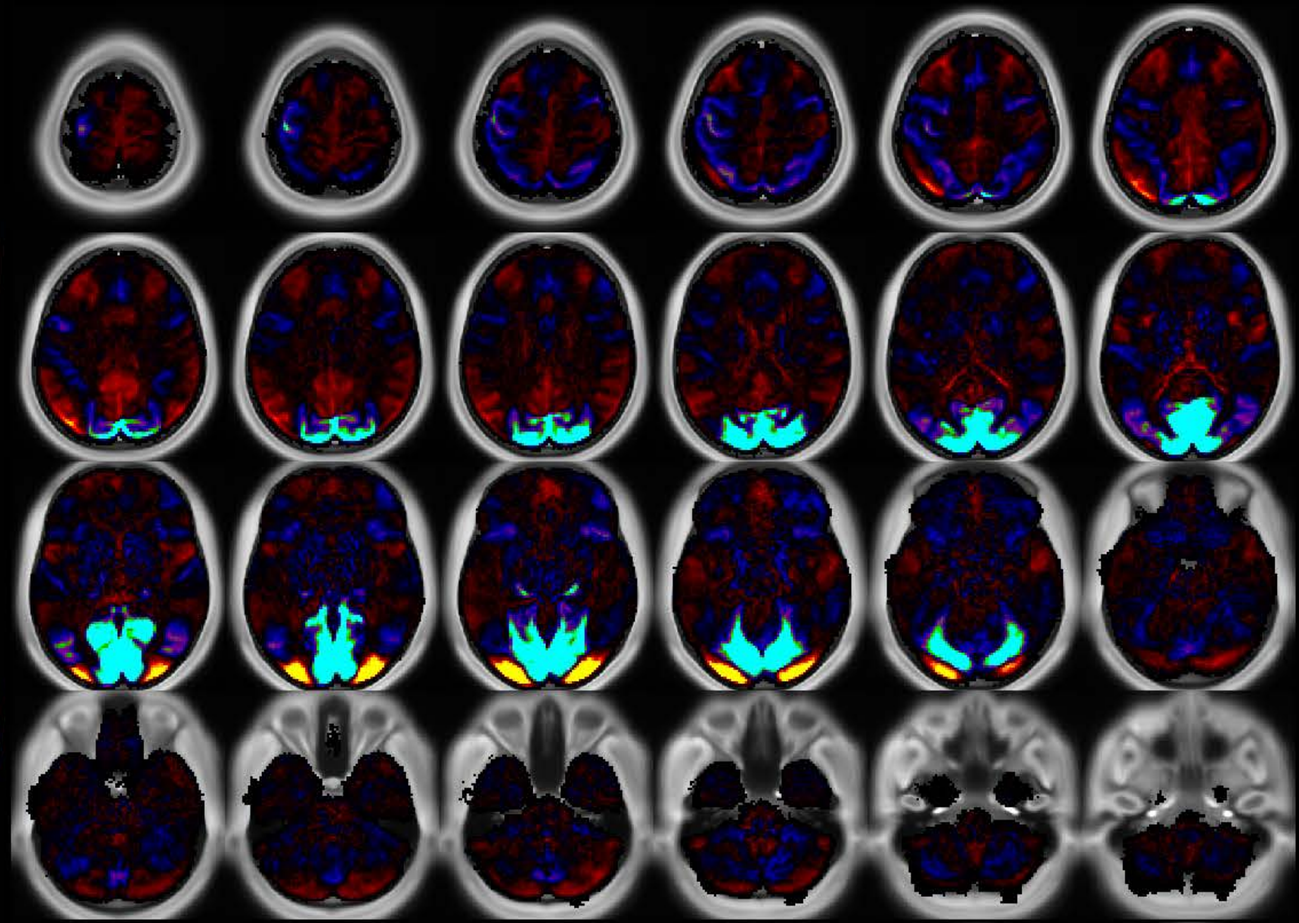


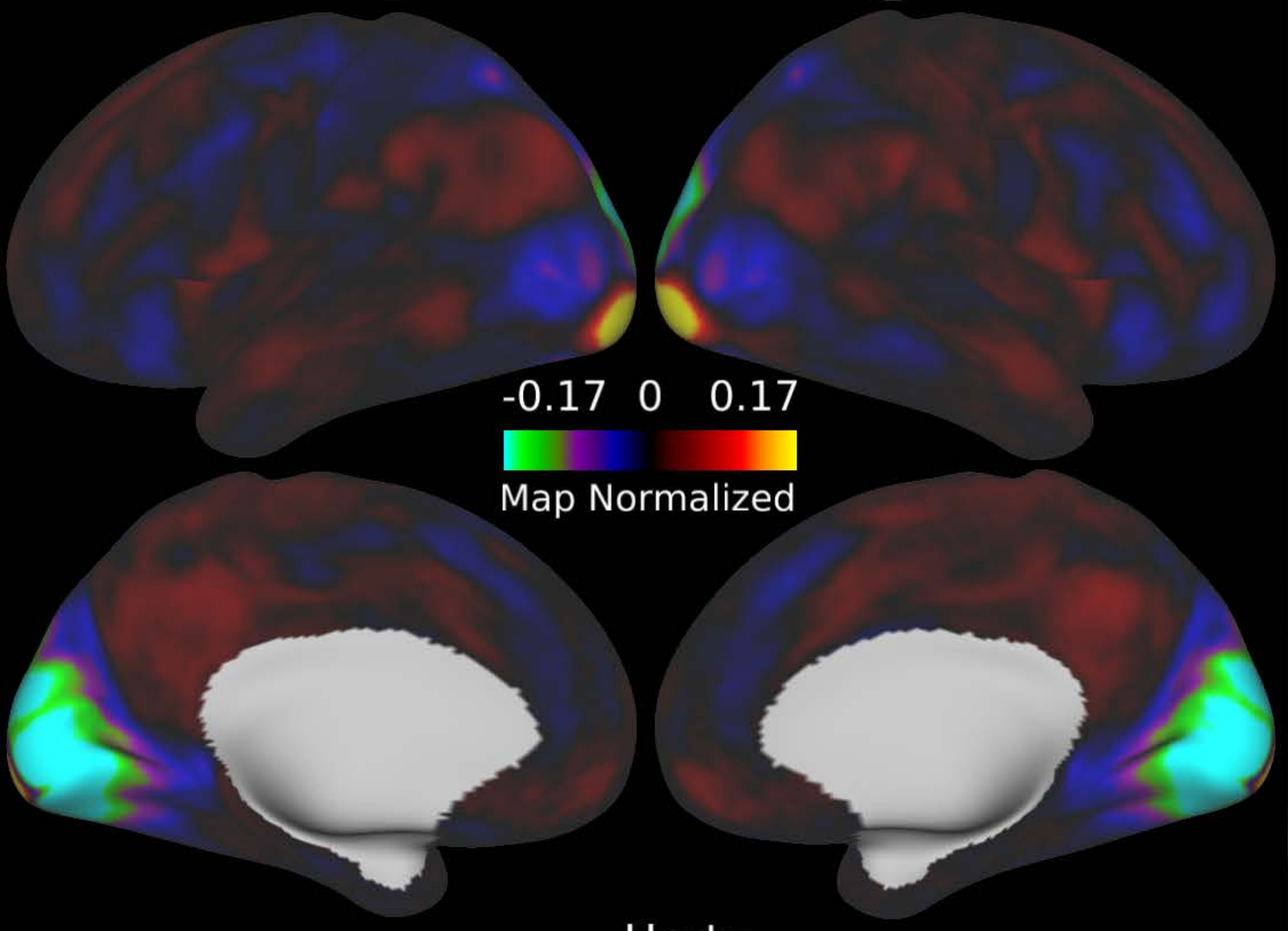


Number & Class: 16 Signal	Name: Head Motor Network	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 1.92	Globality Index: 0.13
Rest Component: 27	Taskr Component: 18	Task Modulated: Motor

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







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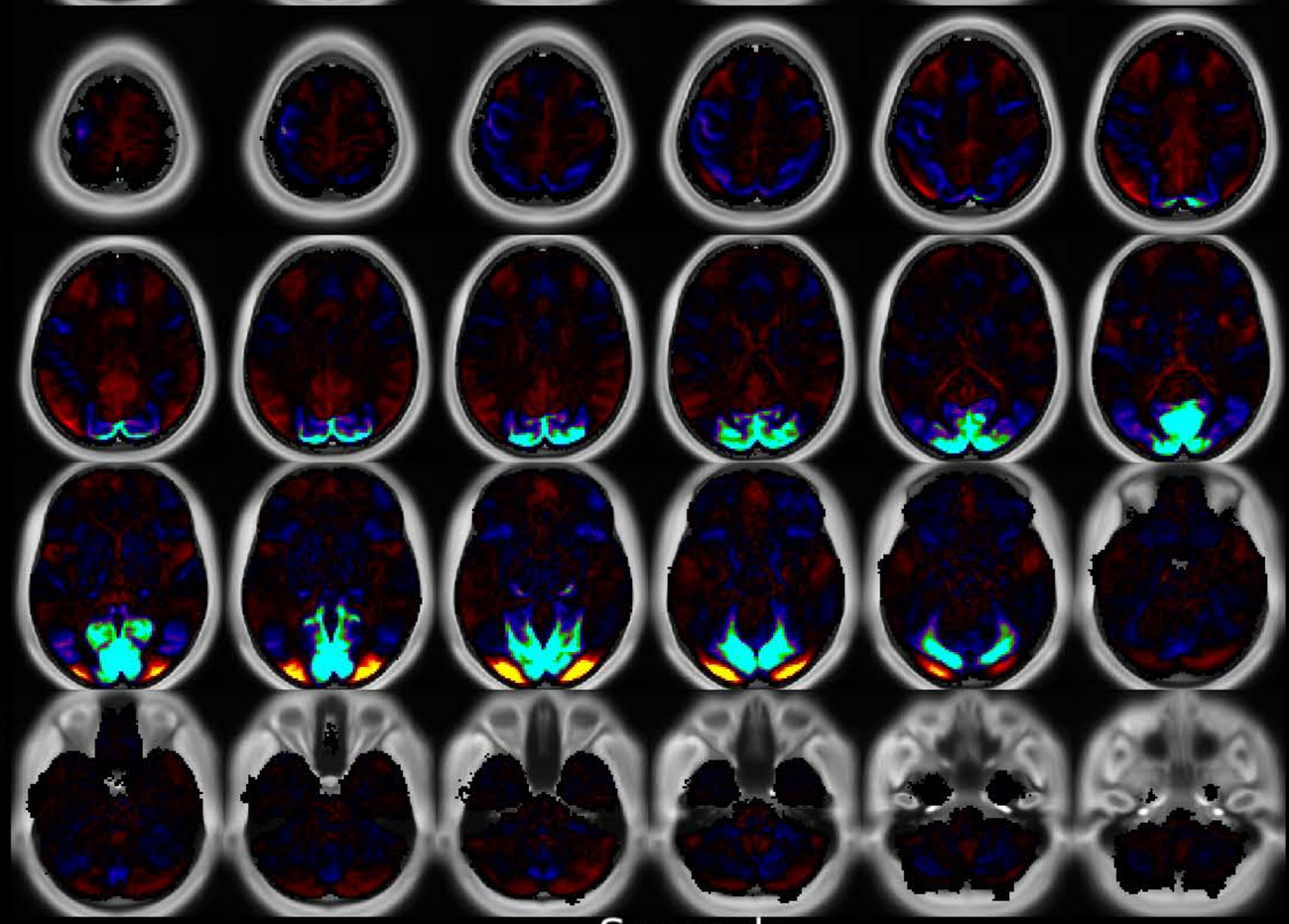
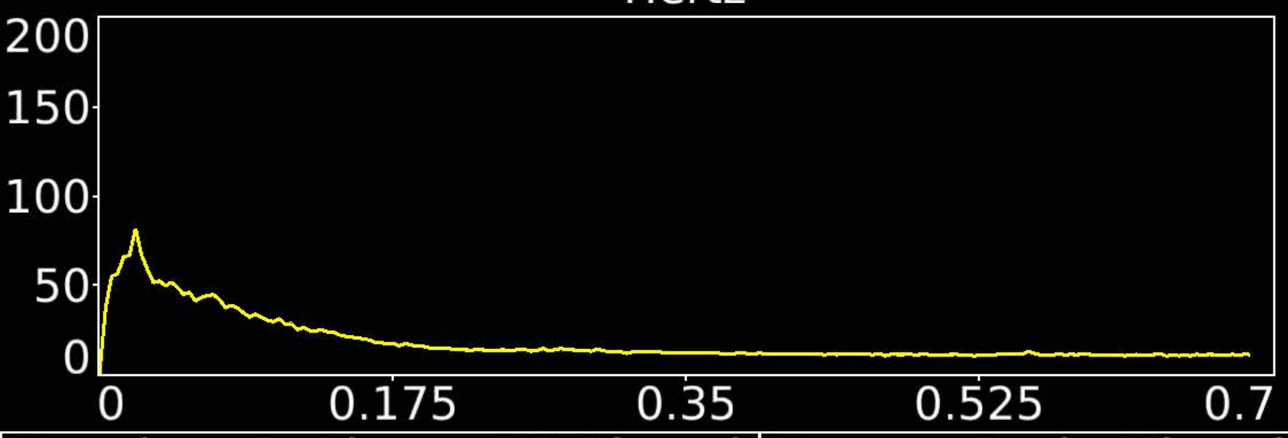
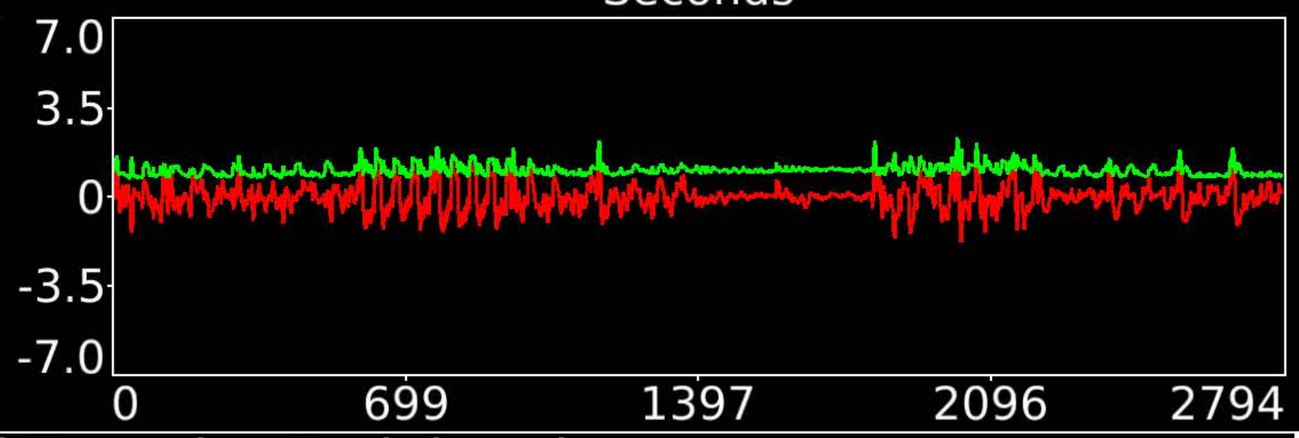


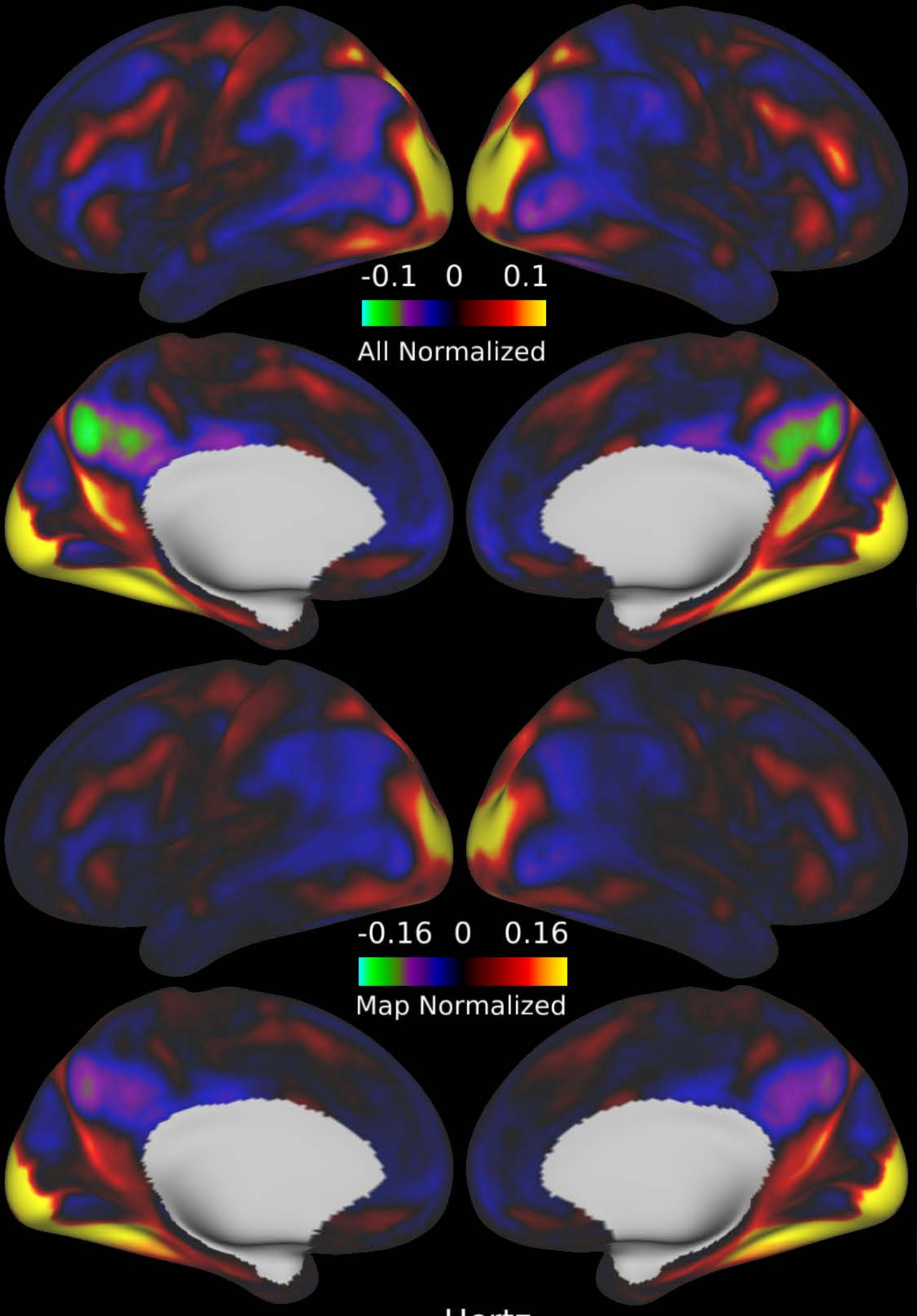
Seconds

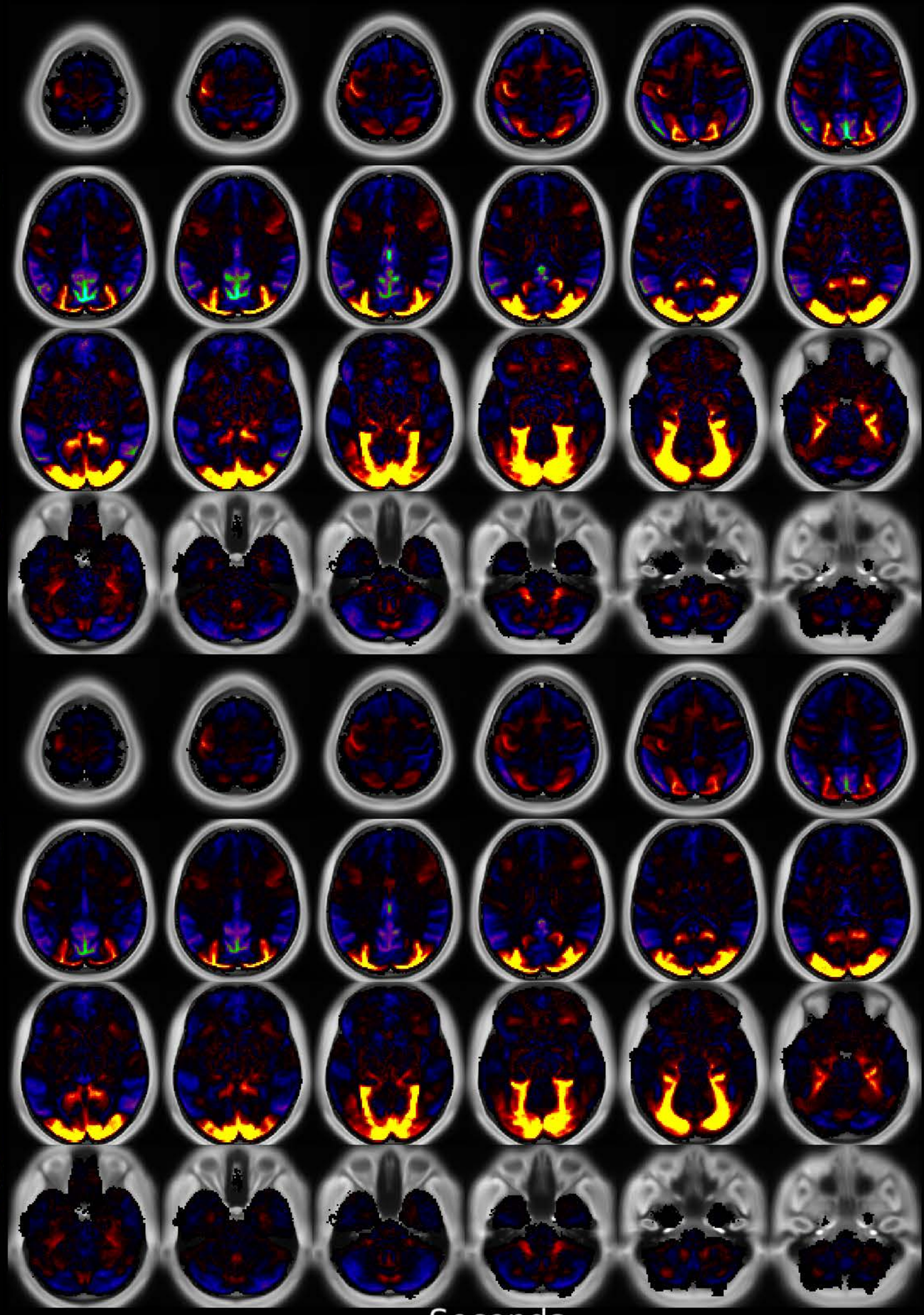


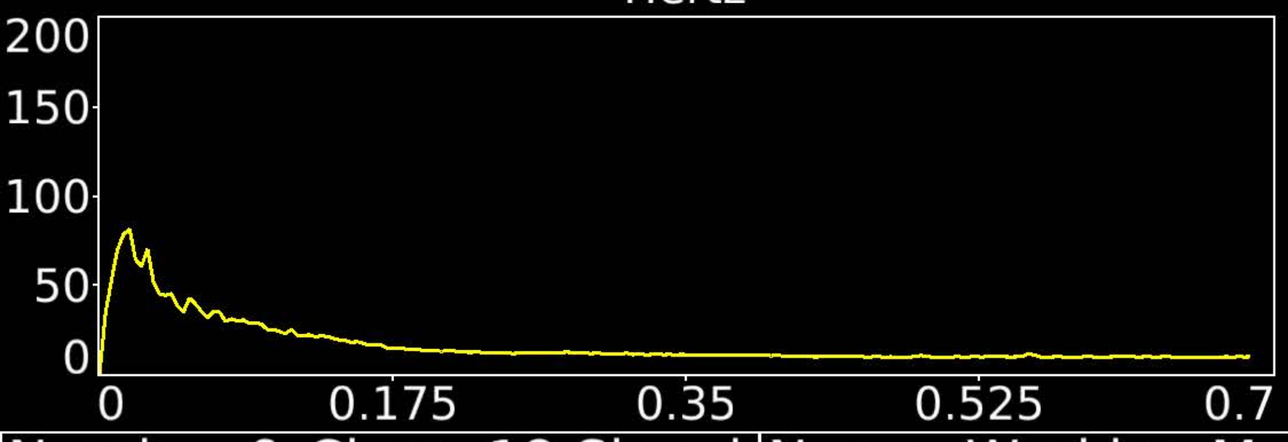


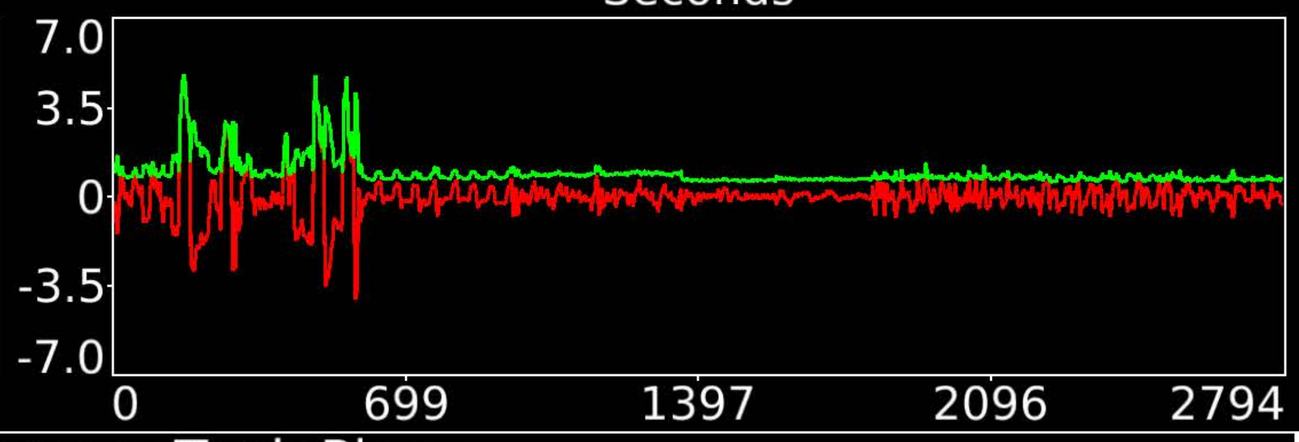
Number & Class: 17 Signal	Name: Early Visual Foveal > Peripheral	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.87	Globality Index: 0.04
Rest Component: 16	Taskr Component: 10	Task Modulated: No

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



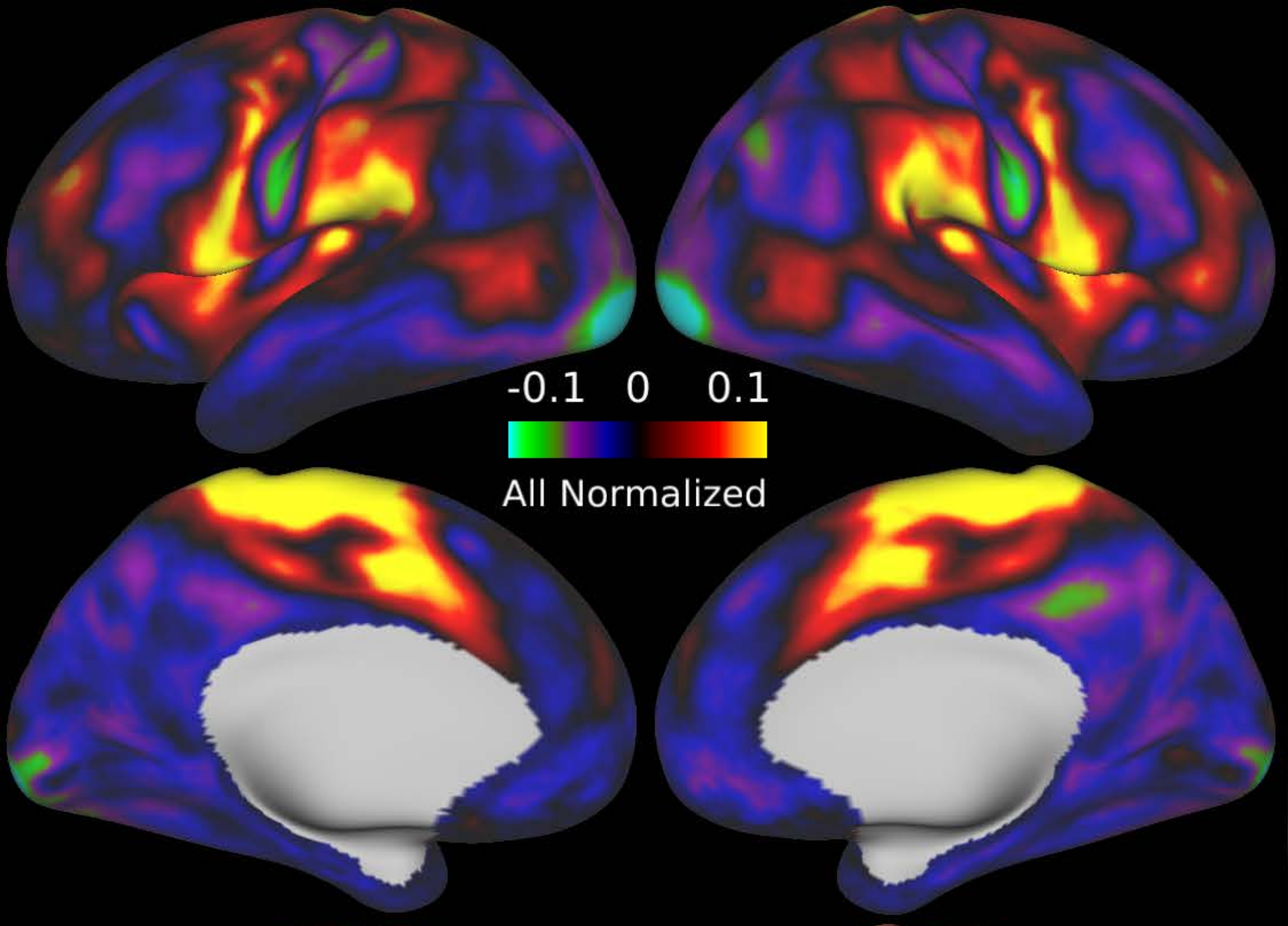


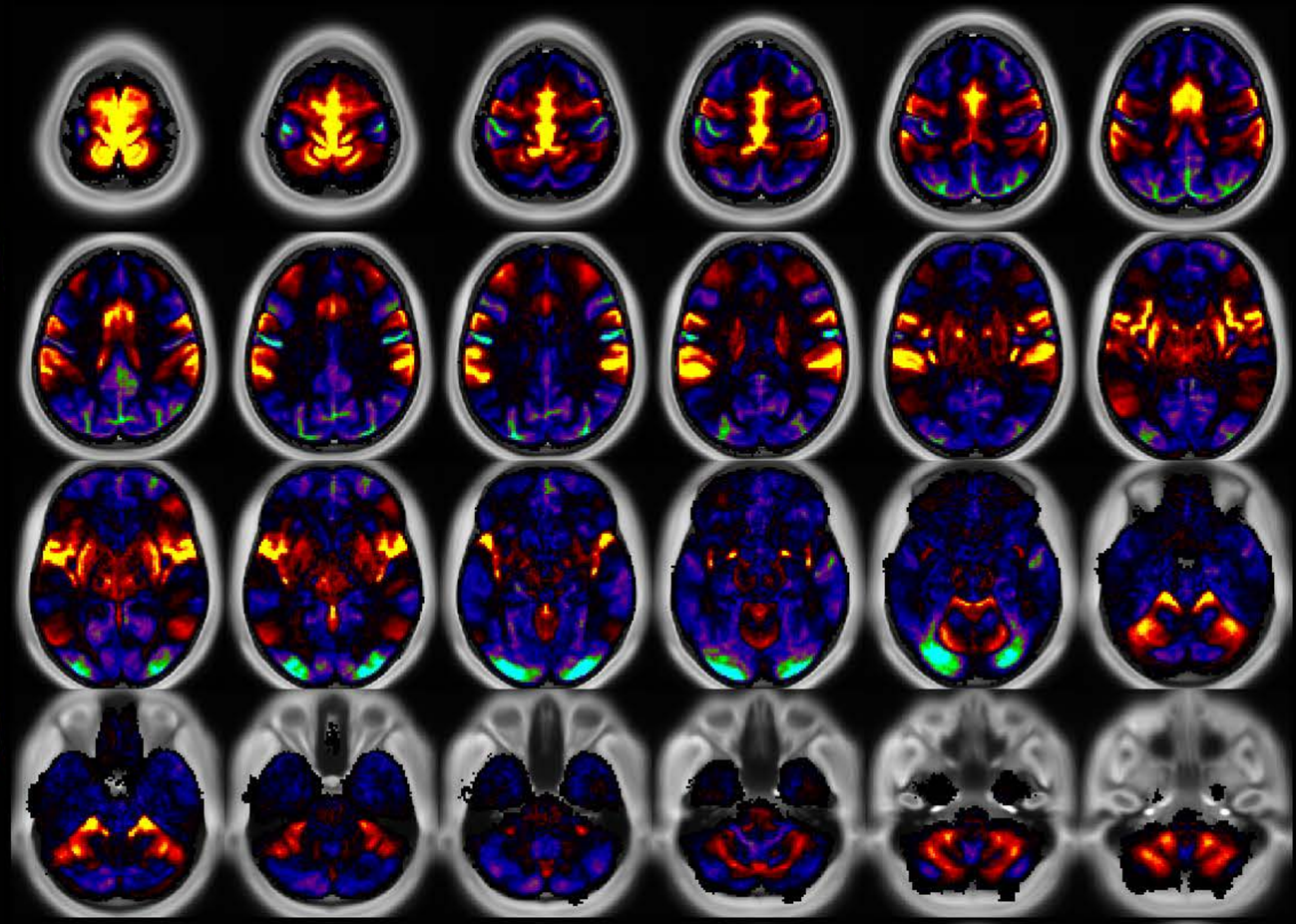


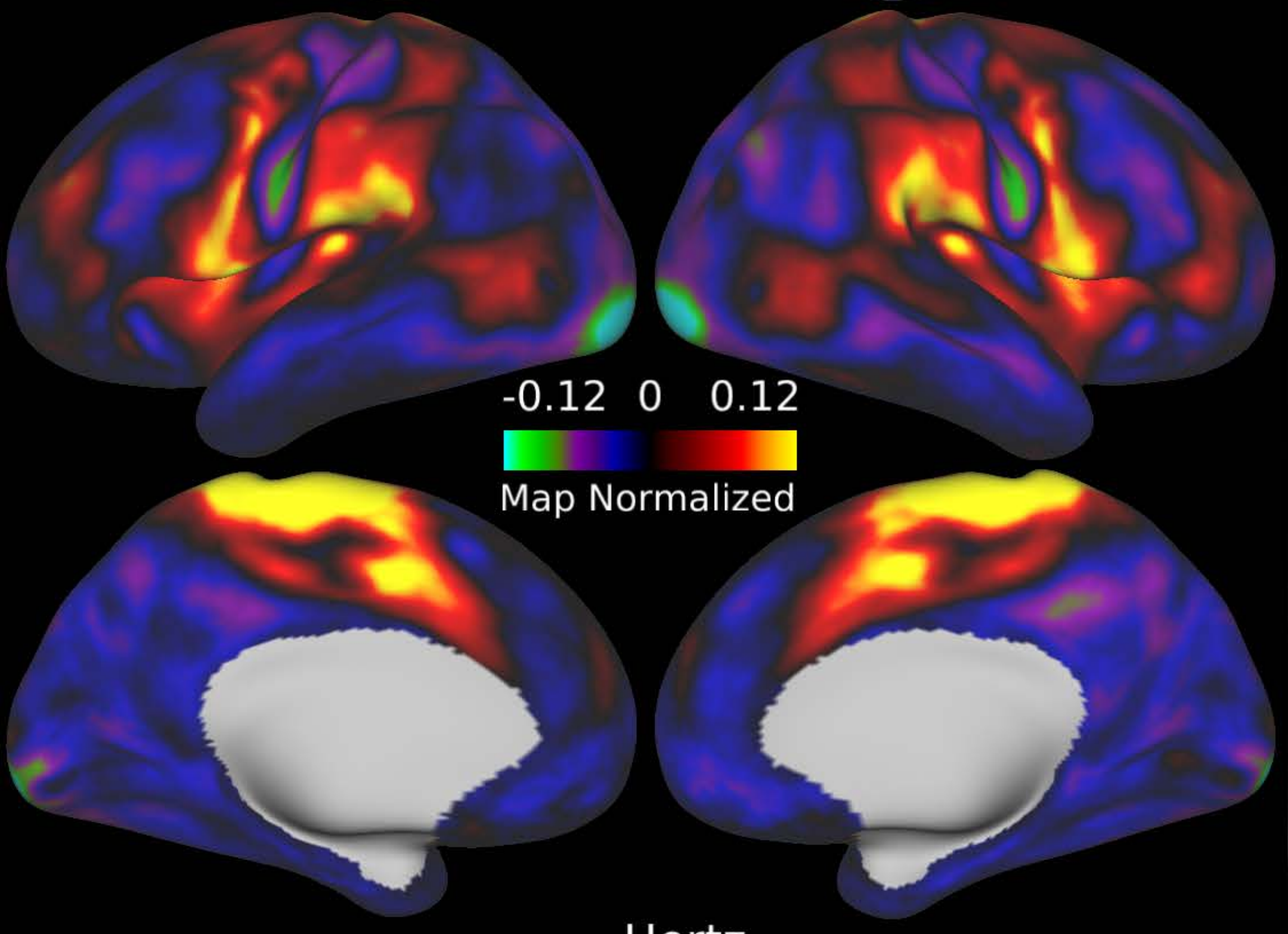


Number & Class: 18 Signal	Name: Working Memory Task Place	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.79	Globality Index: 0.27
Rest Component: No	Taskr Component: 7	Task Modulated: Working Memory

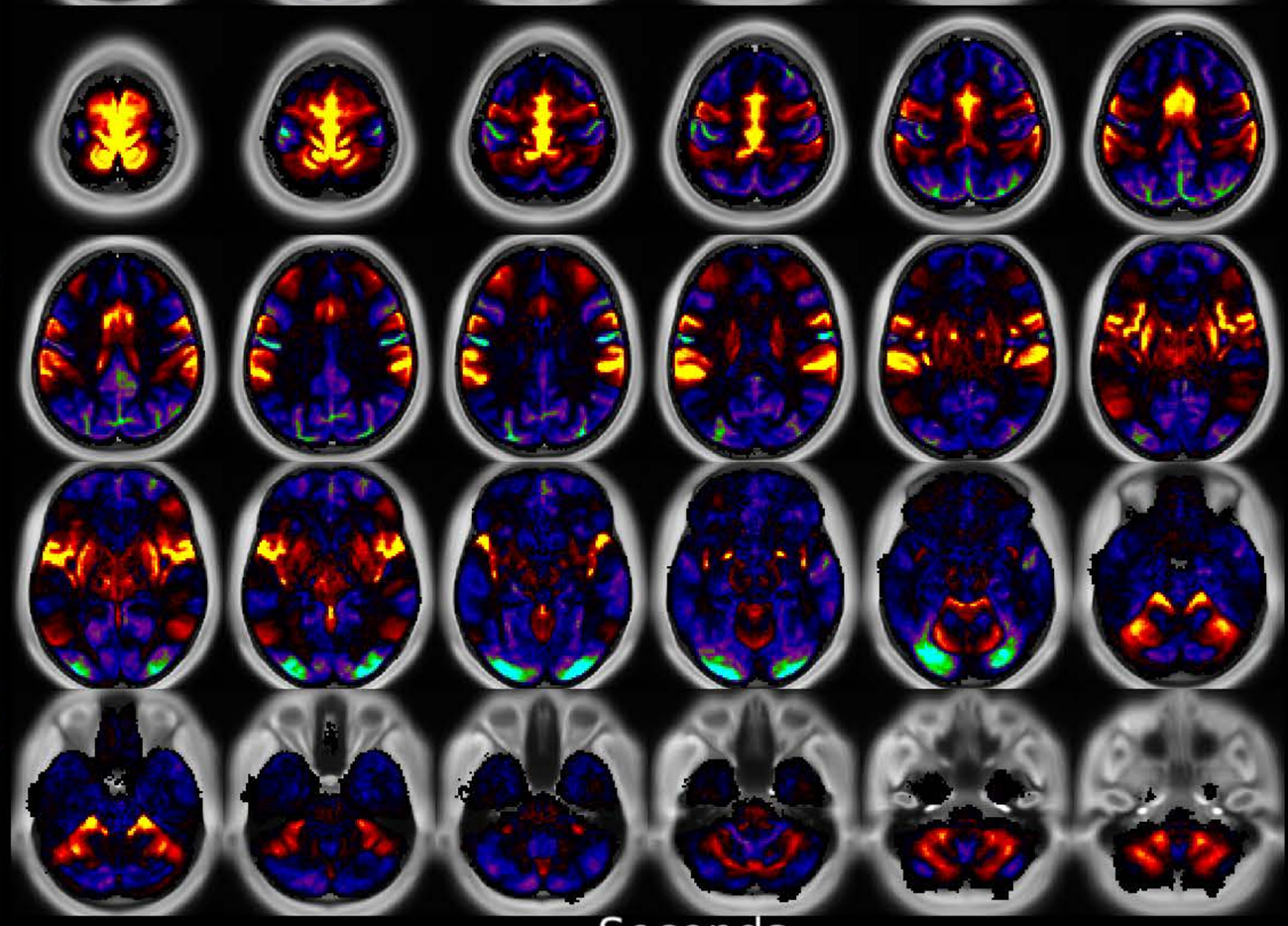
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design



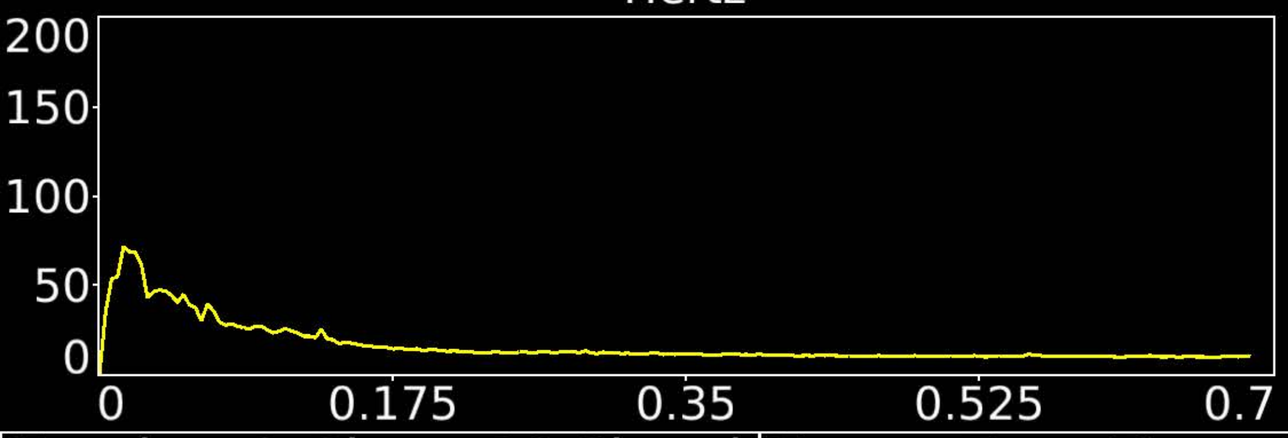


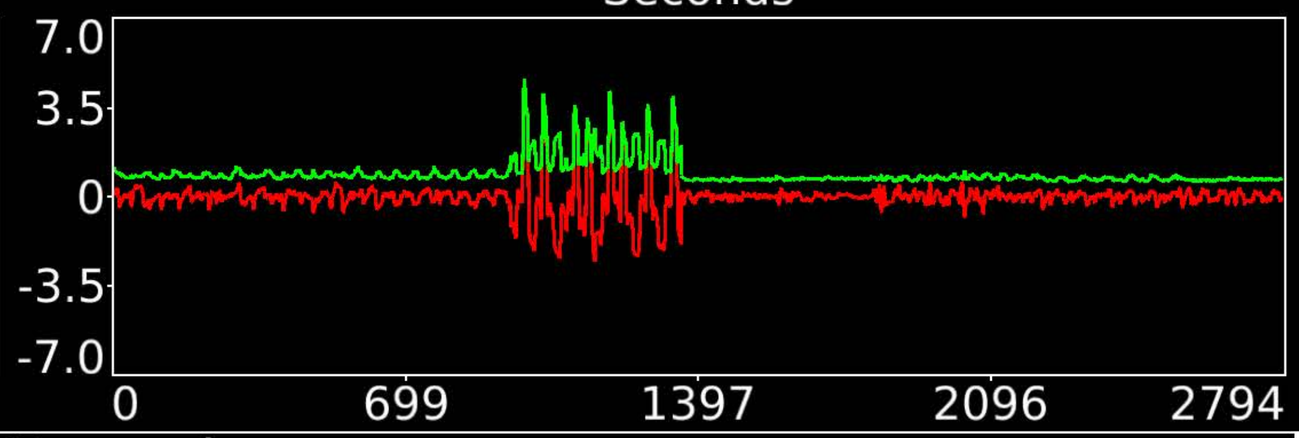


Hertz



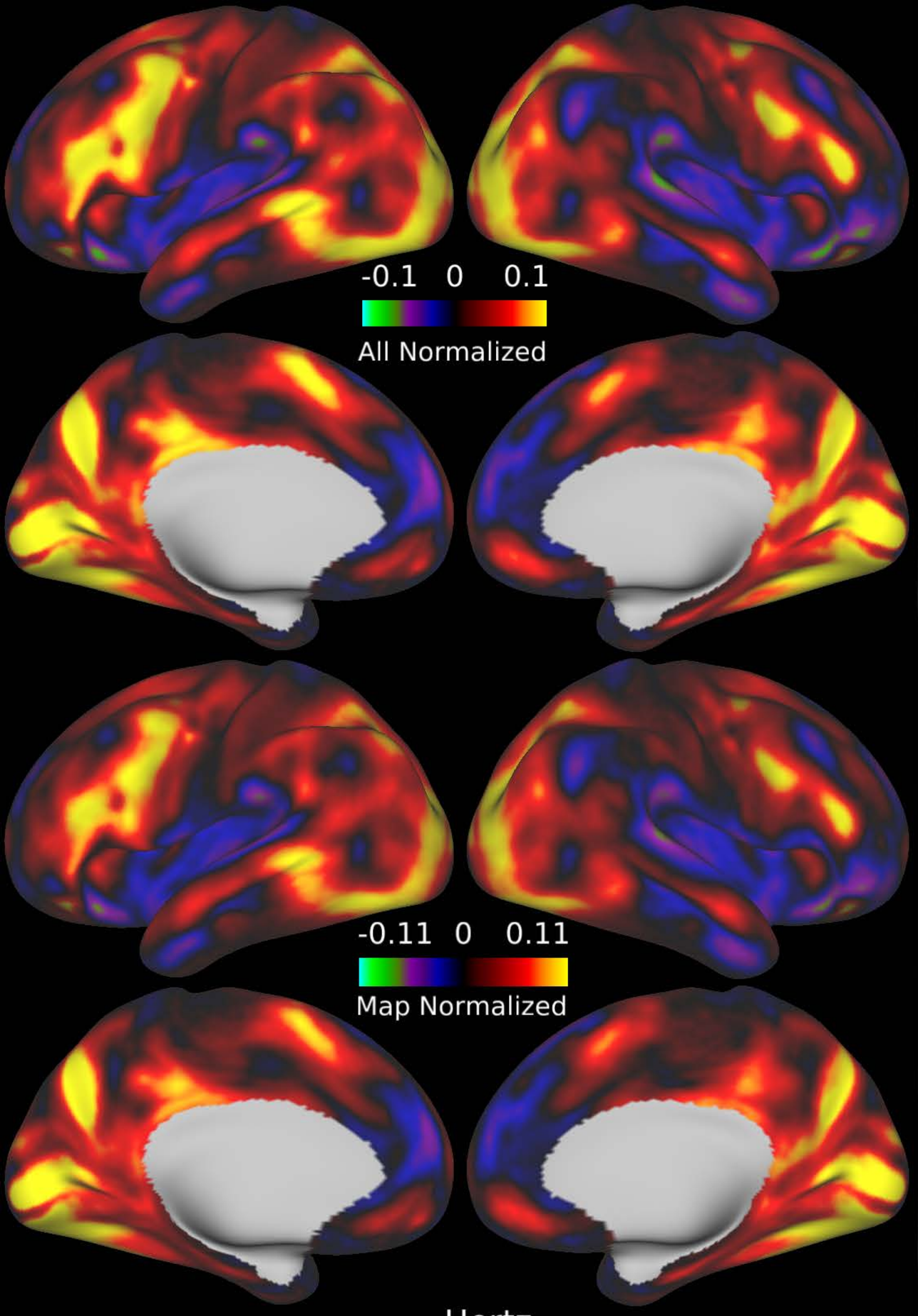
Seconds

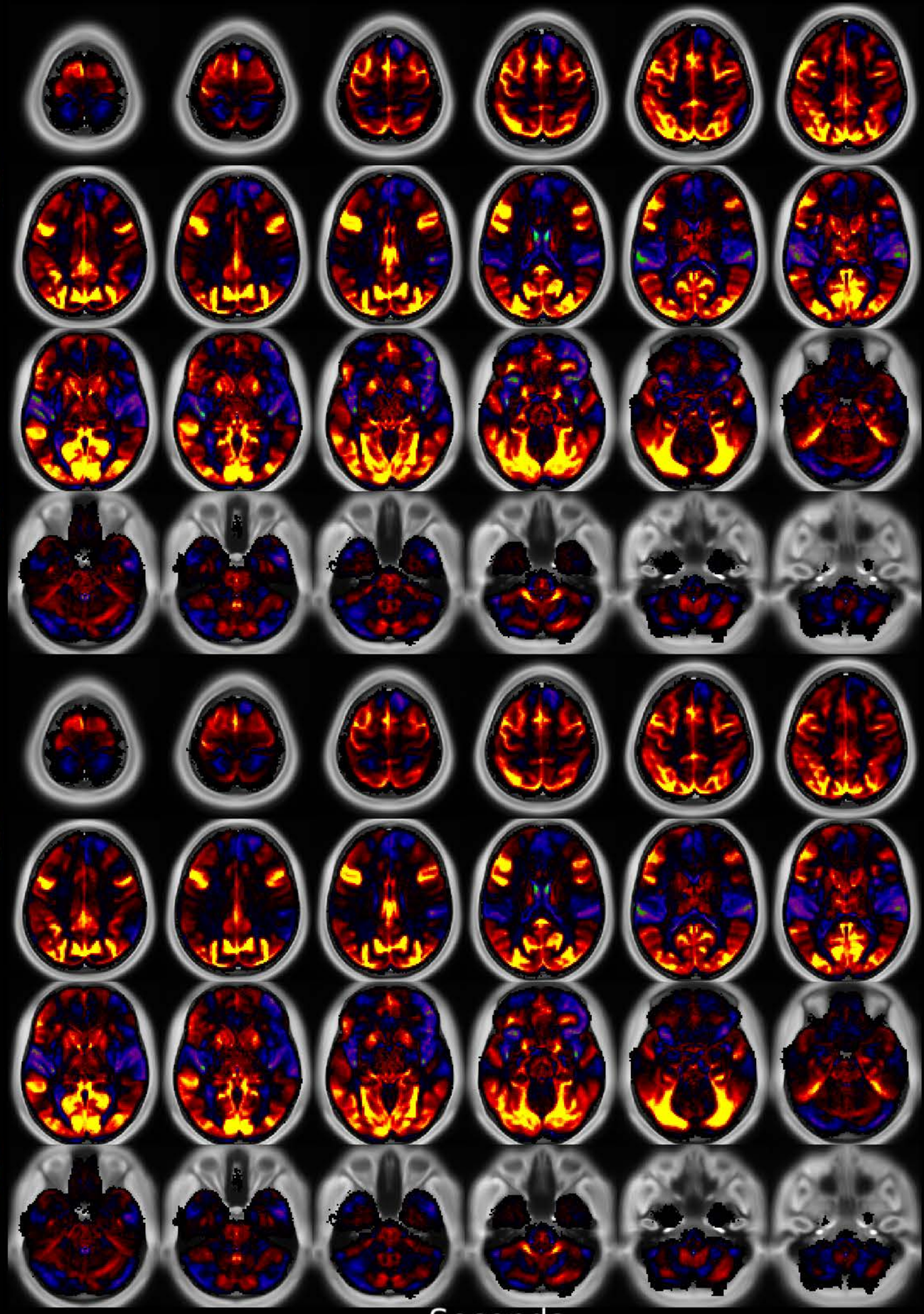




Number & Class: 19 Signal	Name: Feet Motor Network	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 1.7	Globality Index: 0.48
Rest Component: 48	Taskr Component: 24	Task Modulated: Motor

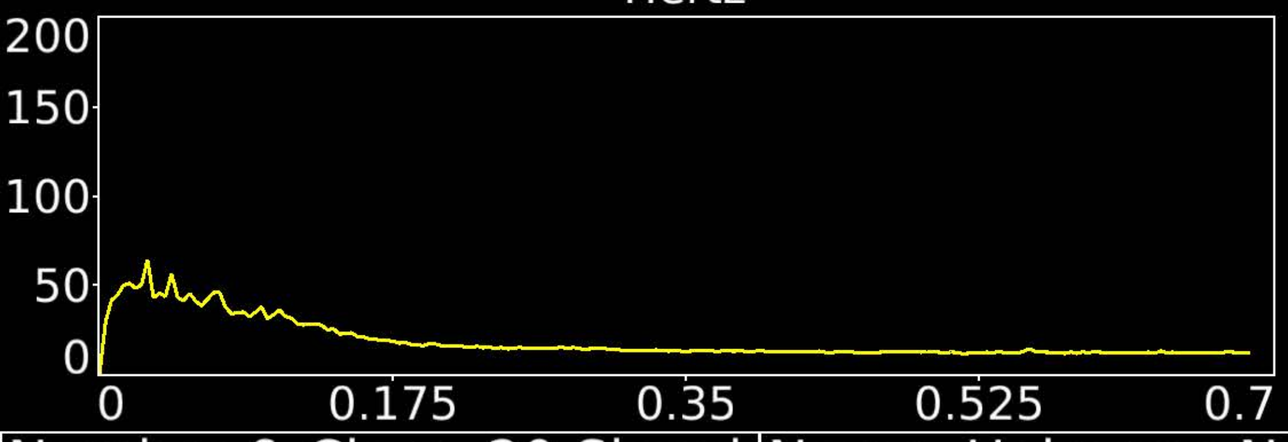
Rationale: Spatial map includes positive and negative patches that respect known somatotopic sensori-motor organization (Feet)

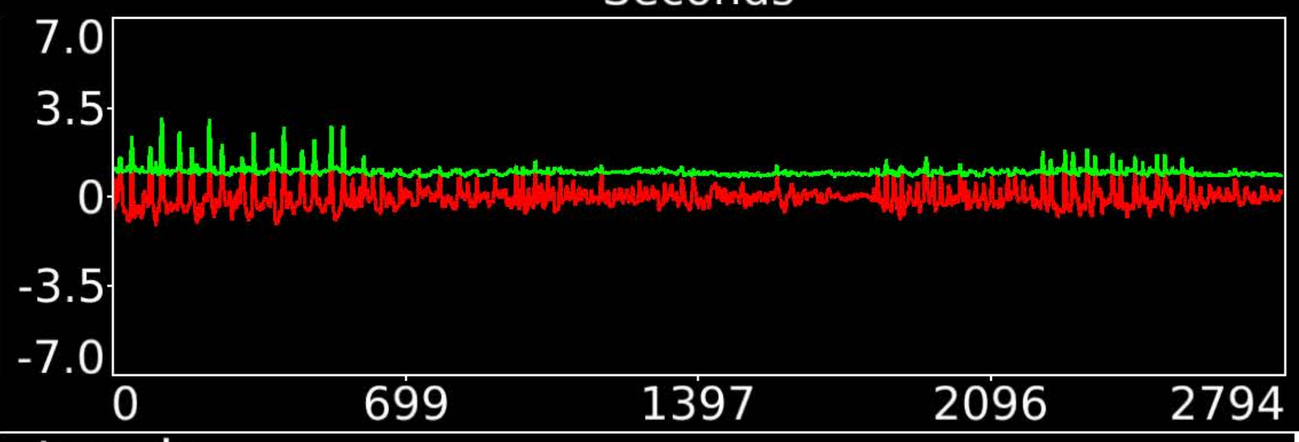




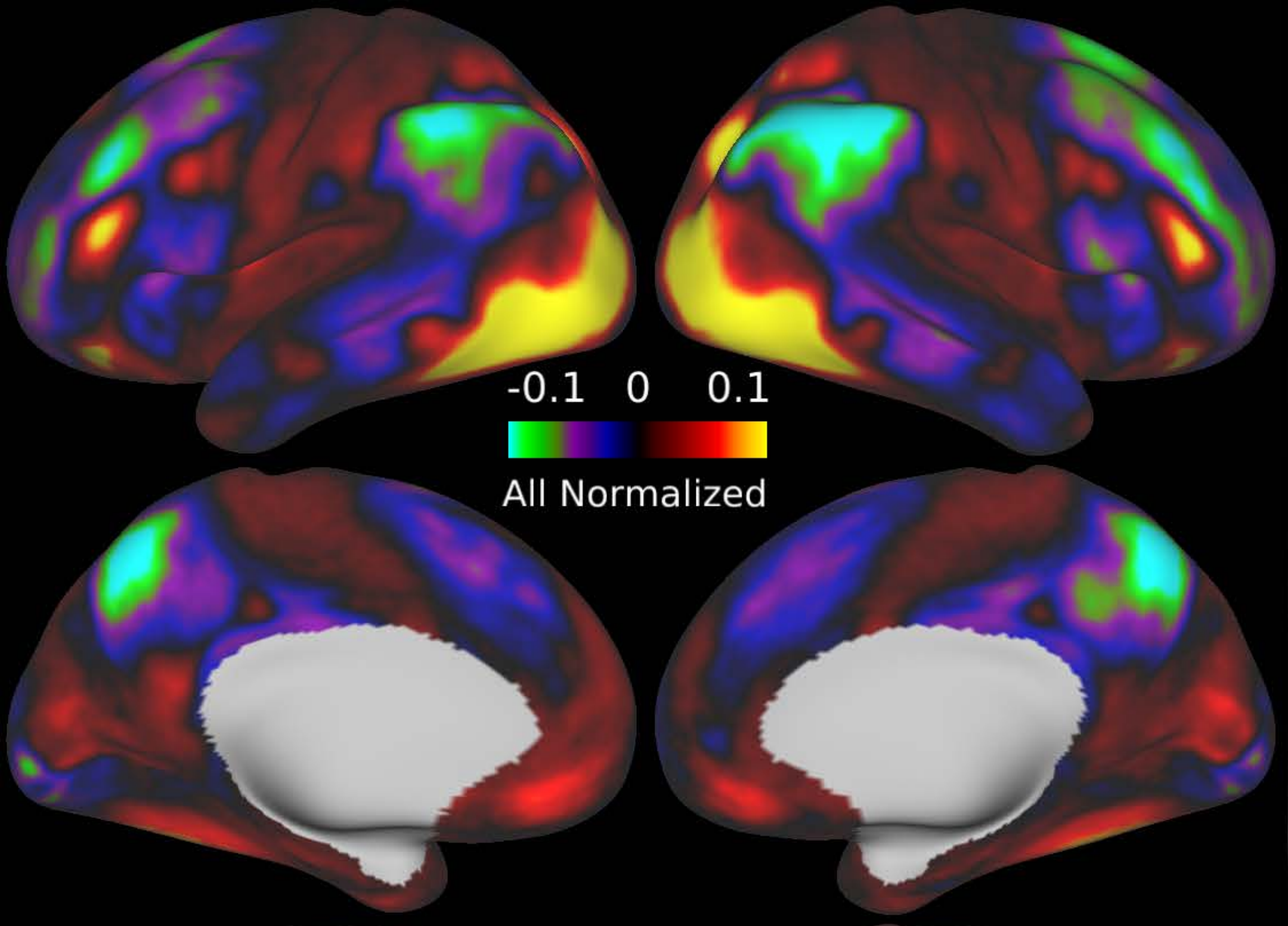
Hertz

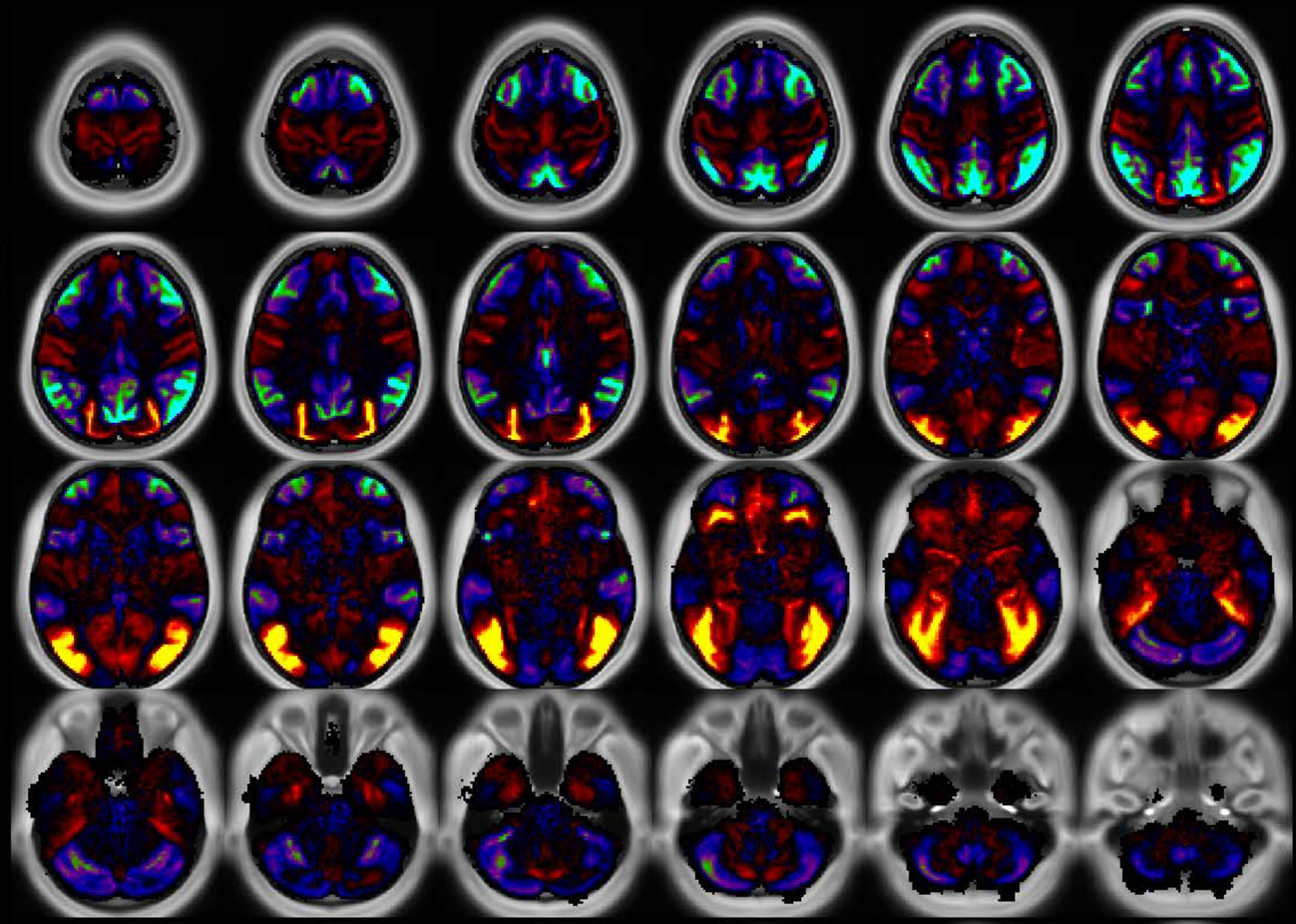
Seconds

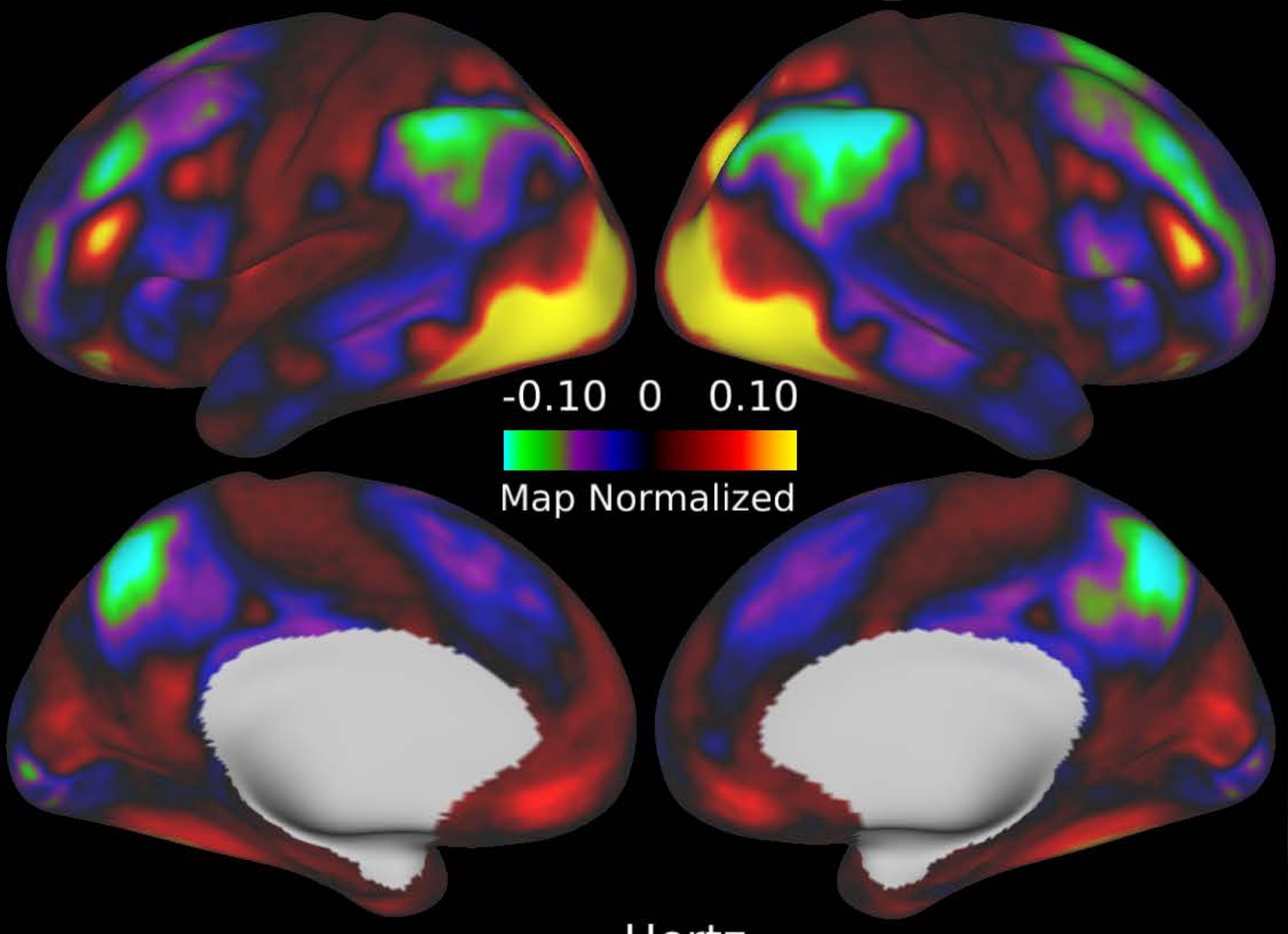




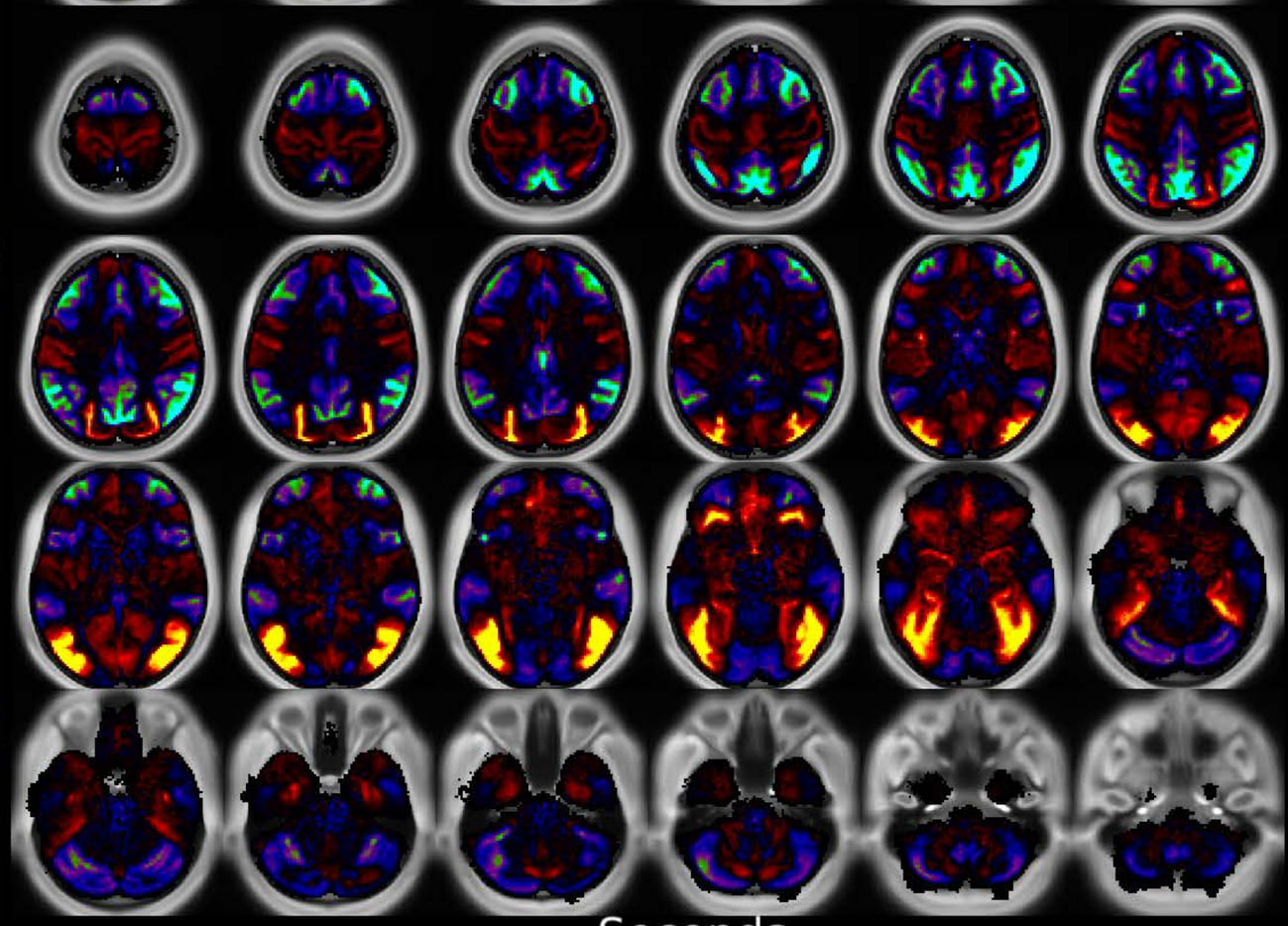
Number & Class: 20 Signal	Name: Unknown Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.62	Globality Index: 1.36
Rest Component: No	Taskr Component: No	Task Modulated: No
Rationale: Spatial map includes positive and negative patches that respect known areal boundaries (e.g. POS2)		







Hertz



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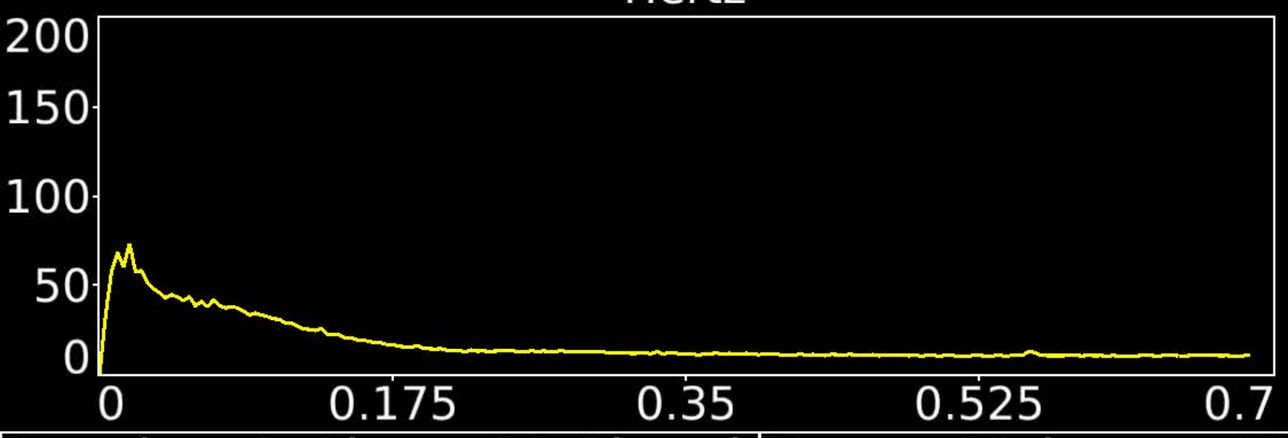
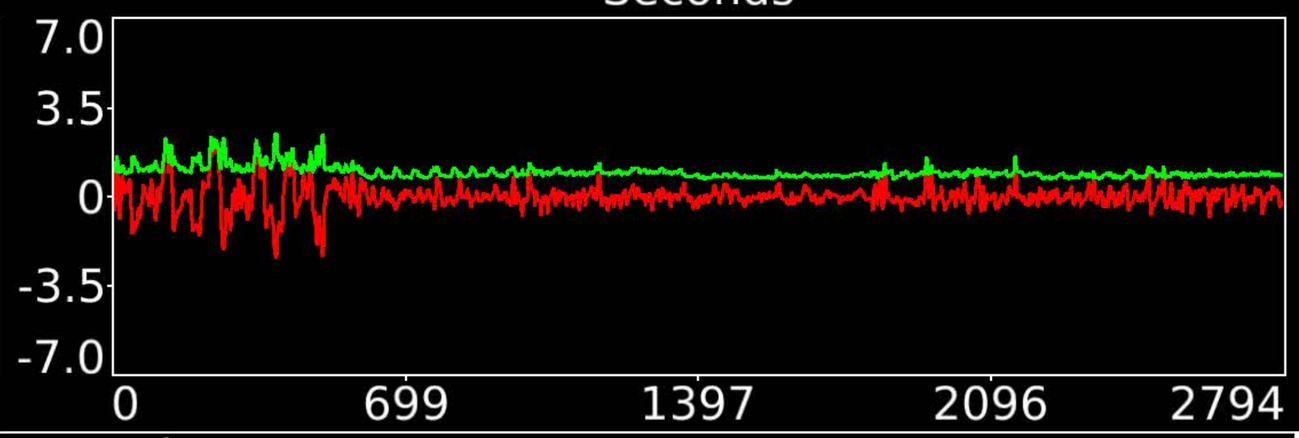
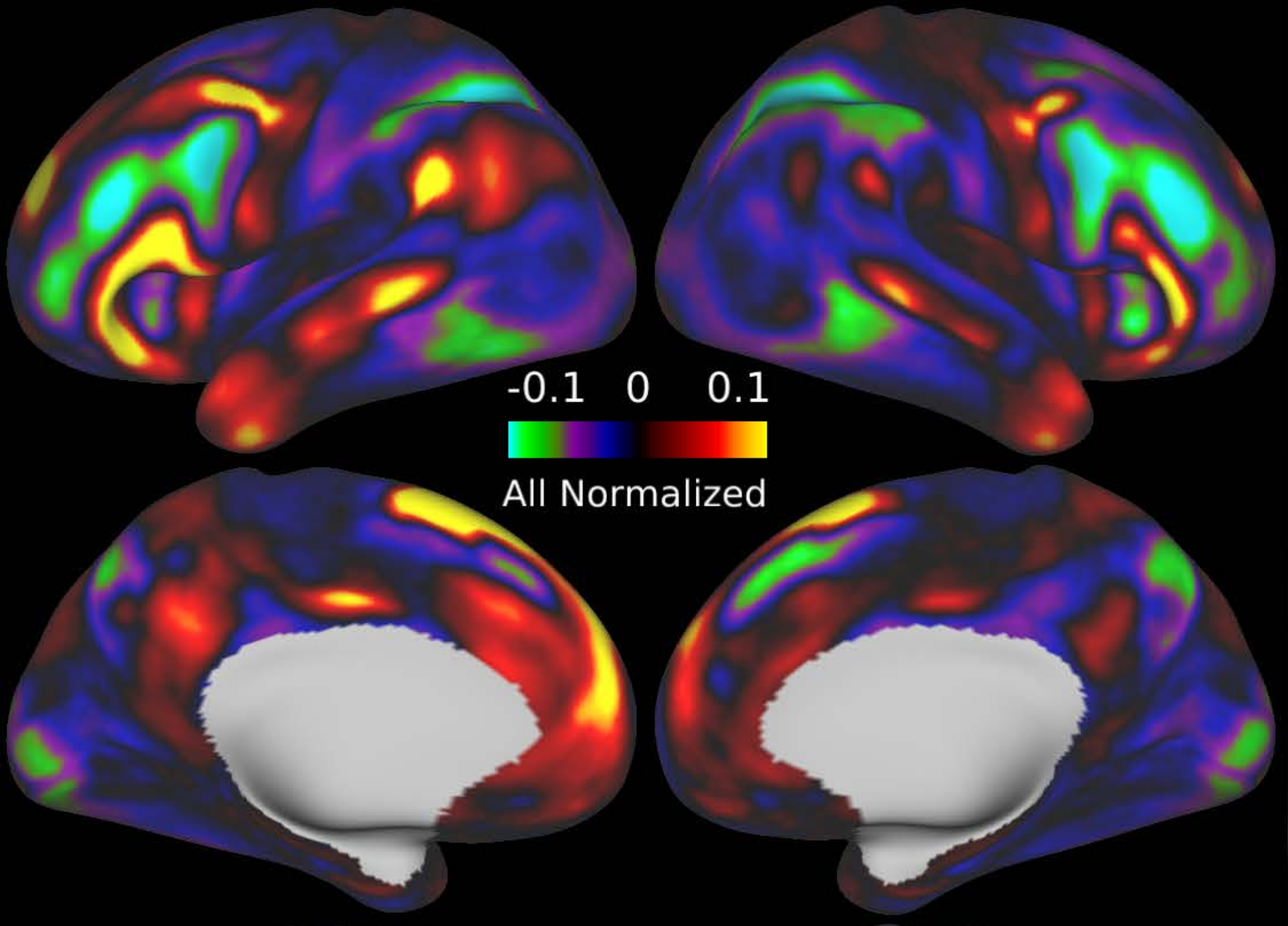
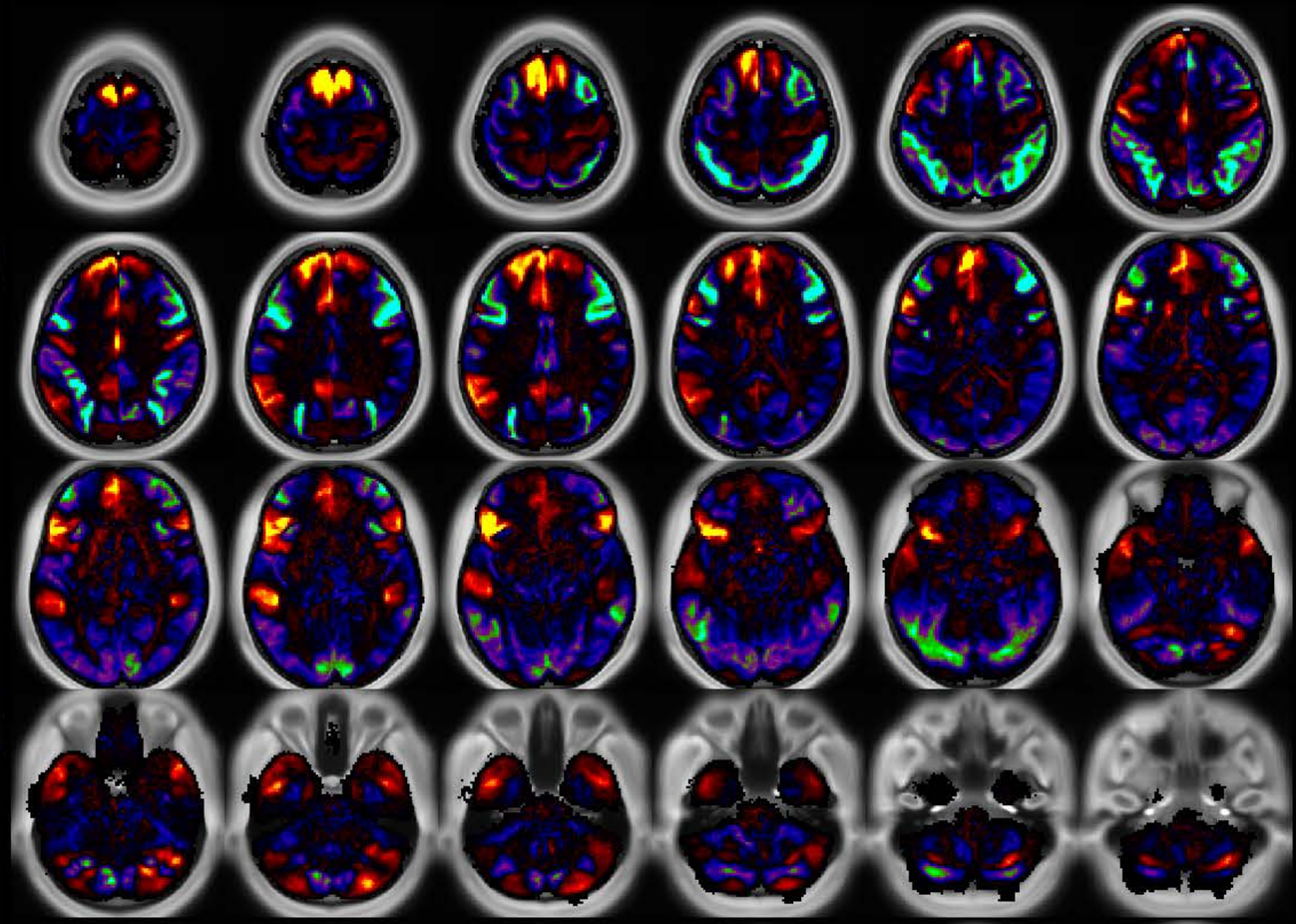


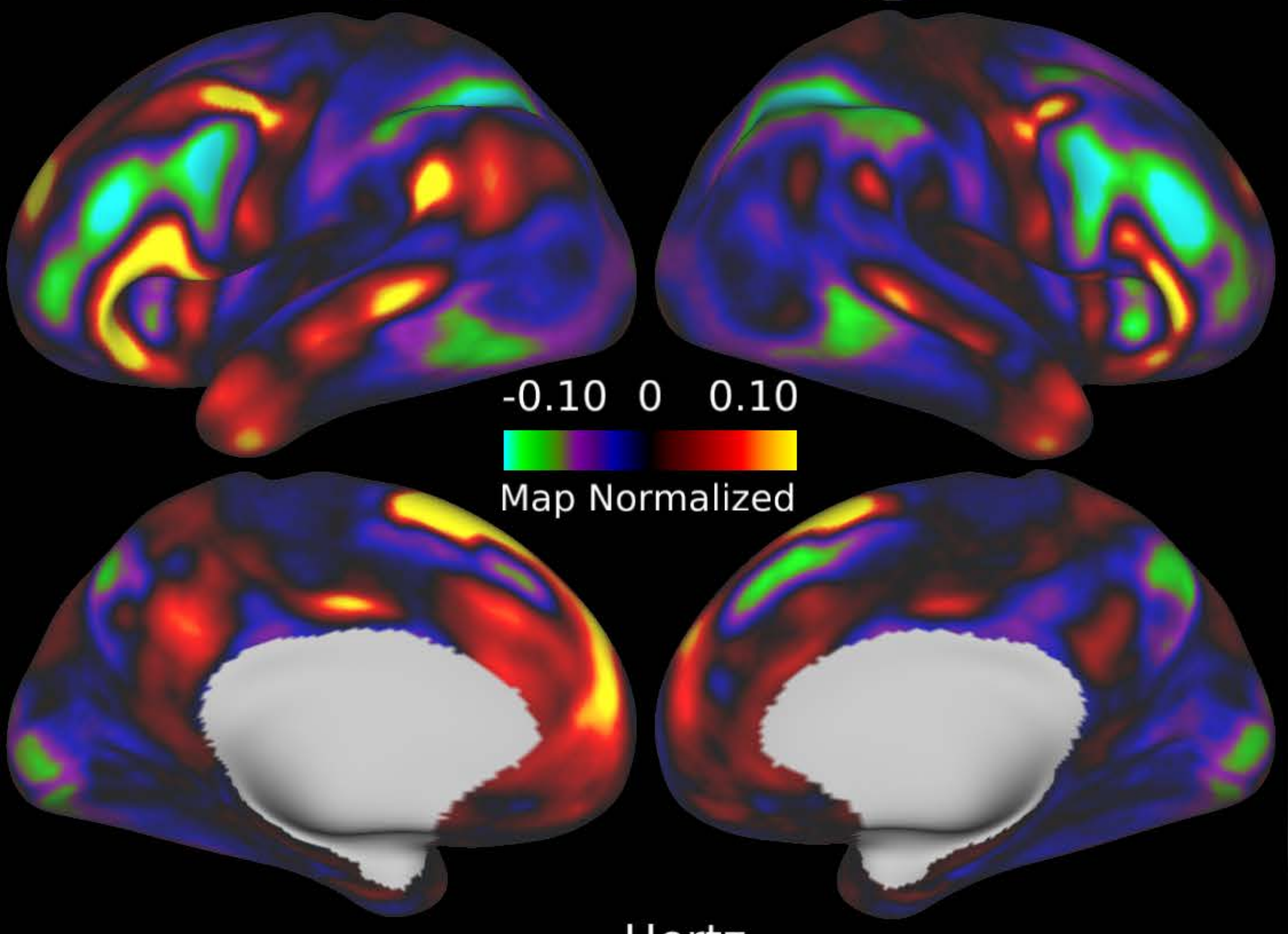


Number & Class: 21 Signal	Name: Unknown Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.63	Globality Index: 0.06
Rest Component: No	Taskr Component: No	Task Modulated: Working Memory

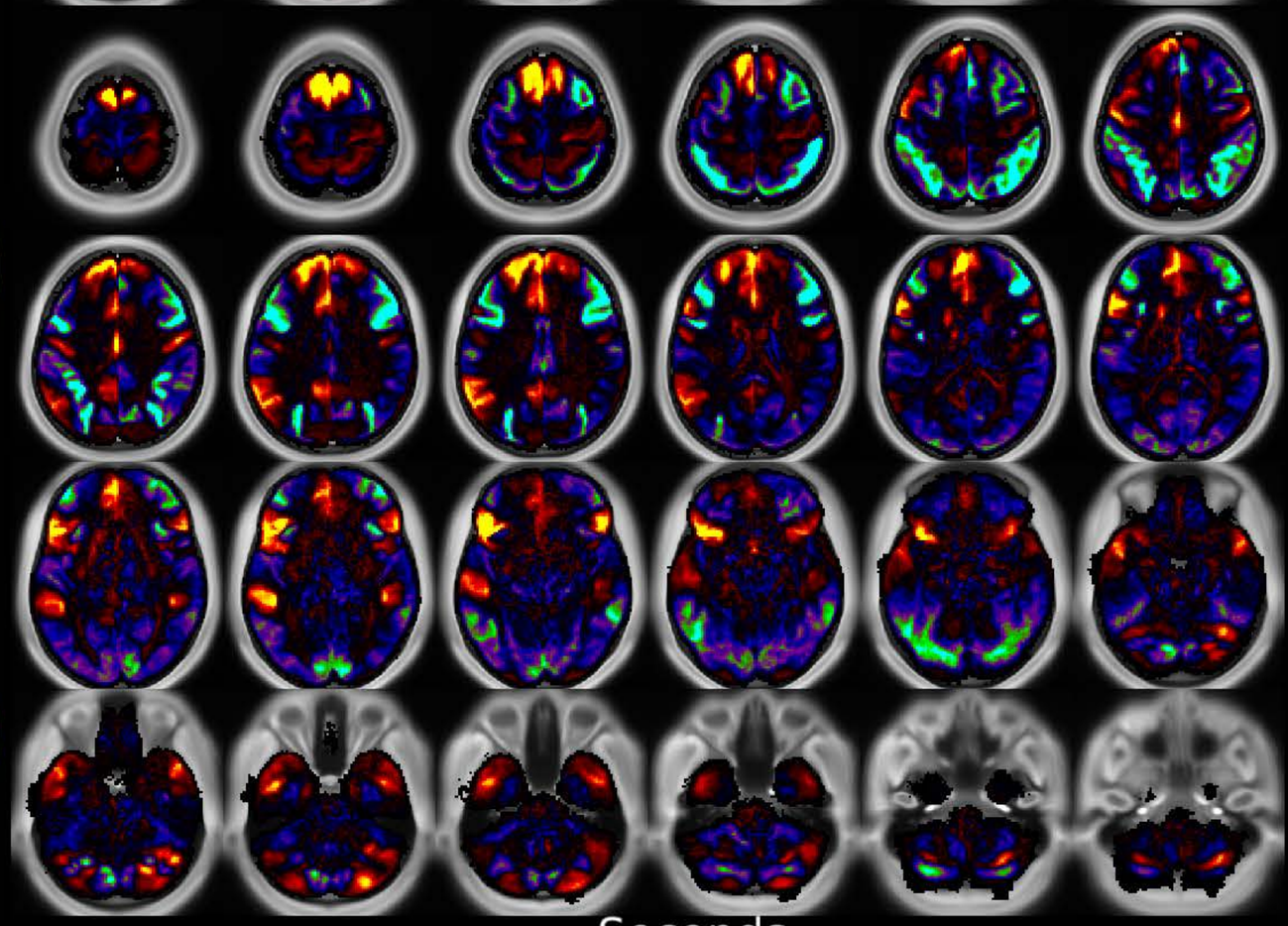
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design







Hertz



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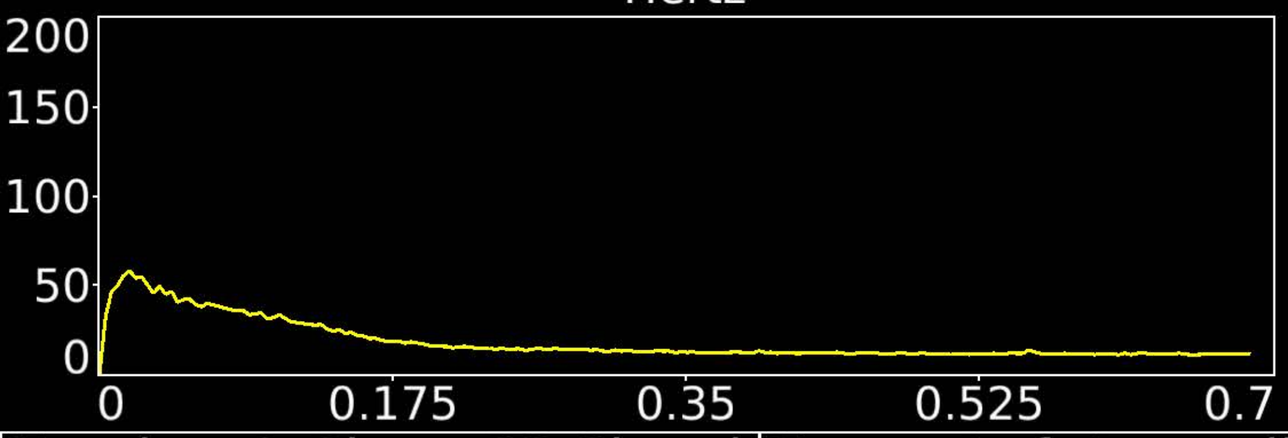
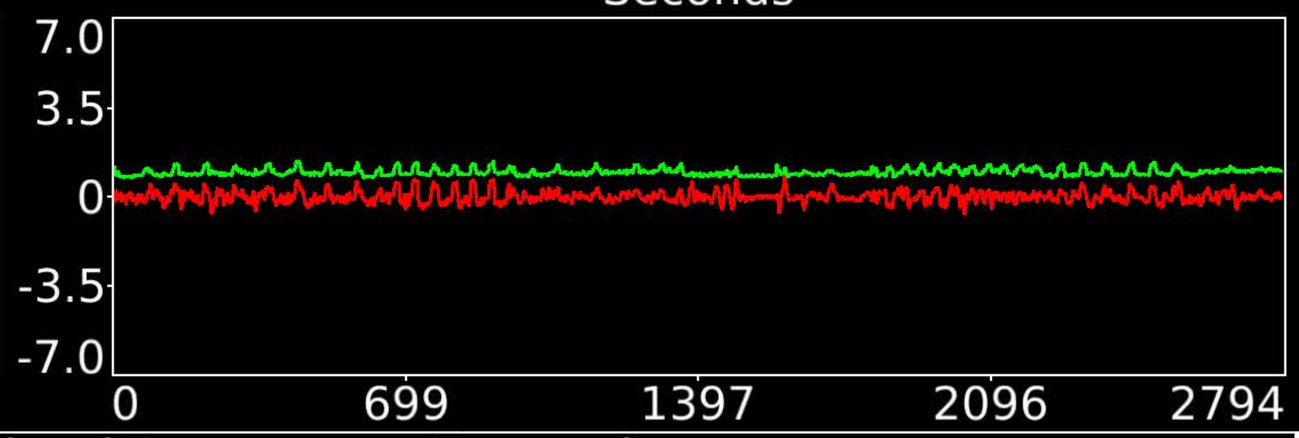
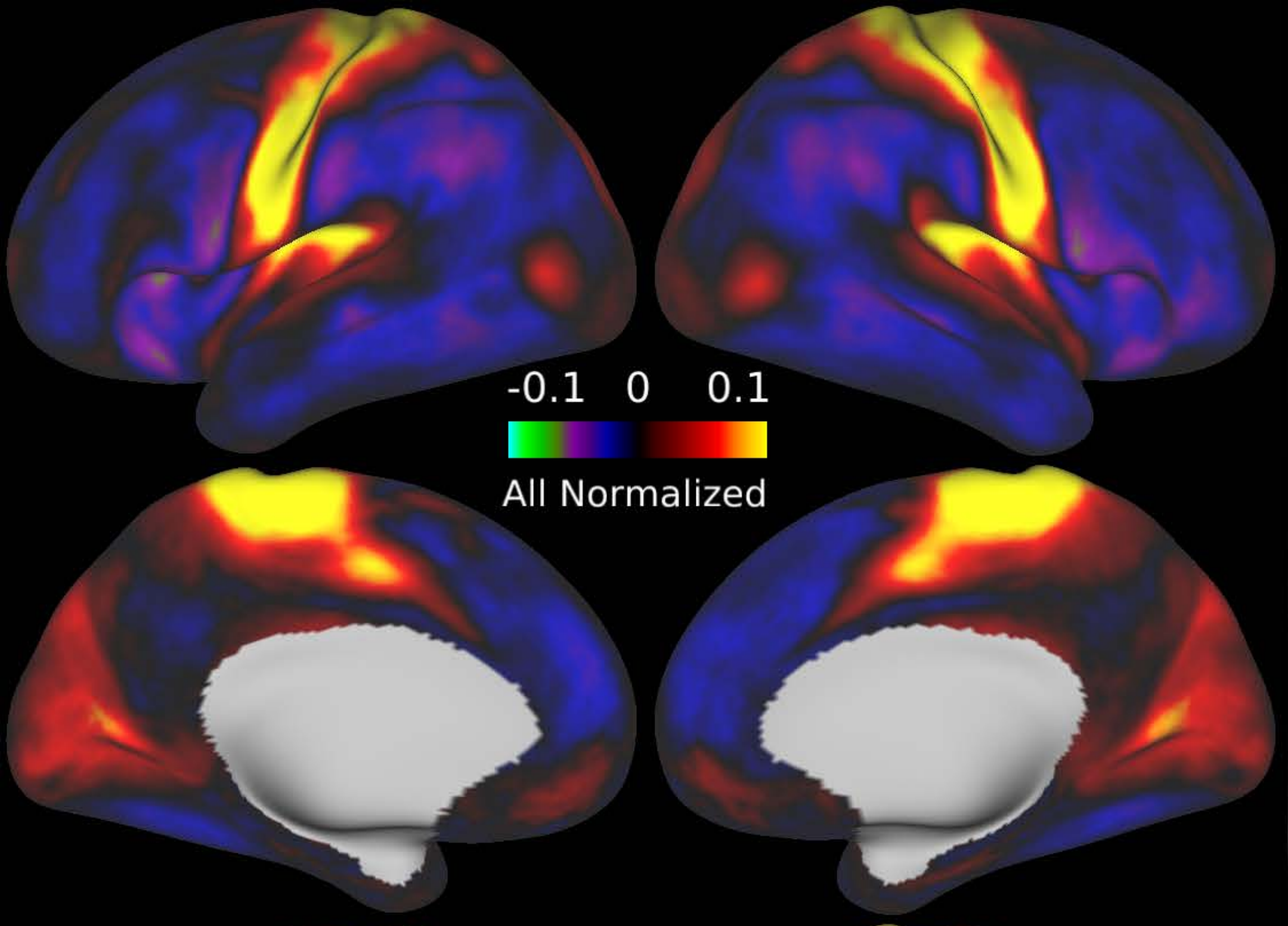
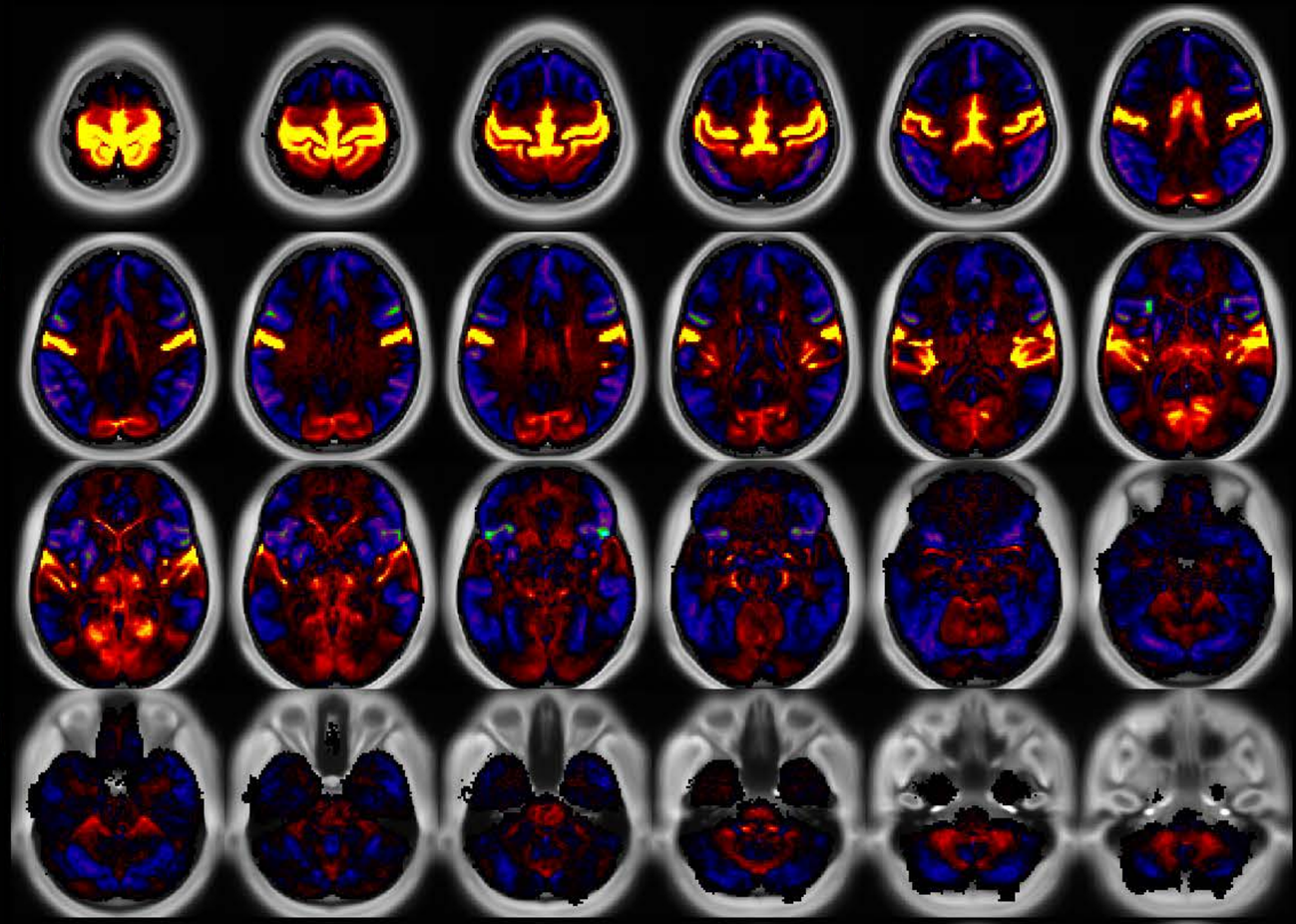


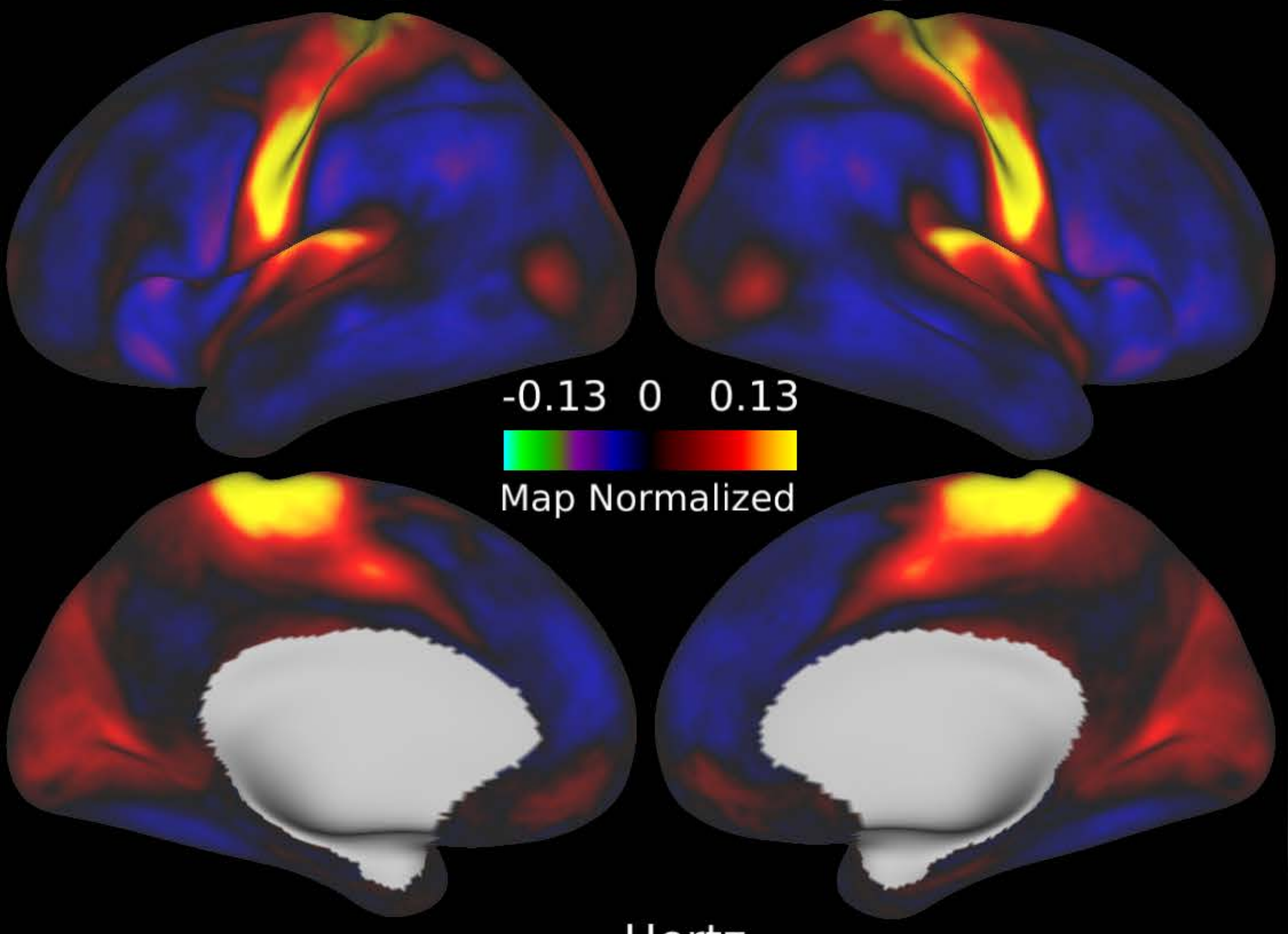


Number & Class: 22 Signal	Name: Left Lateralized Language Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.6	Globality Index: 0.68
Rest Component: 20	Taskr Component: 30	Task Modulated: No

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







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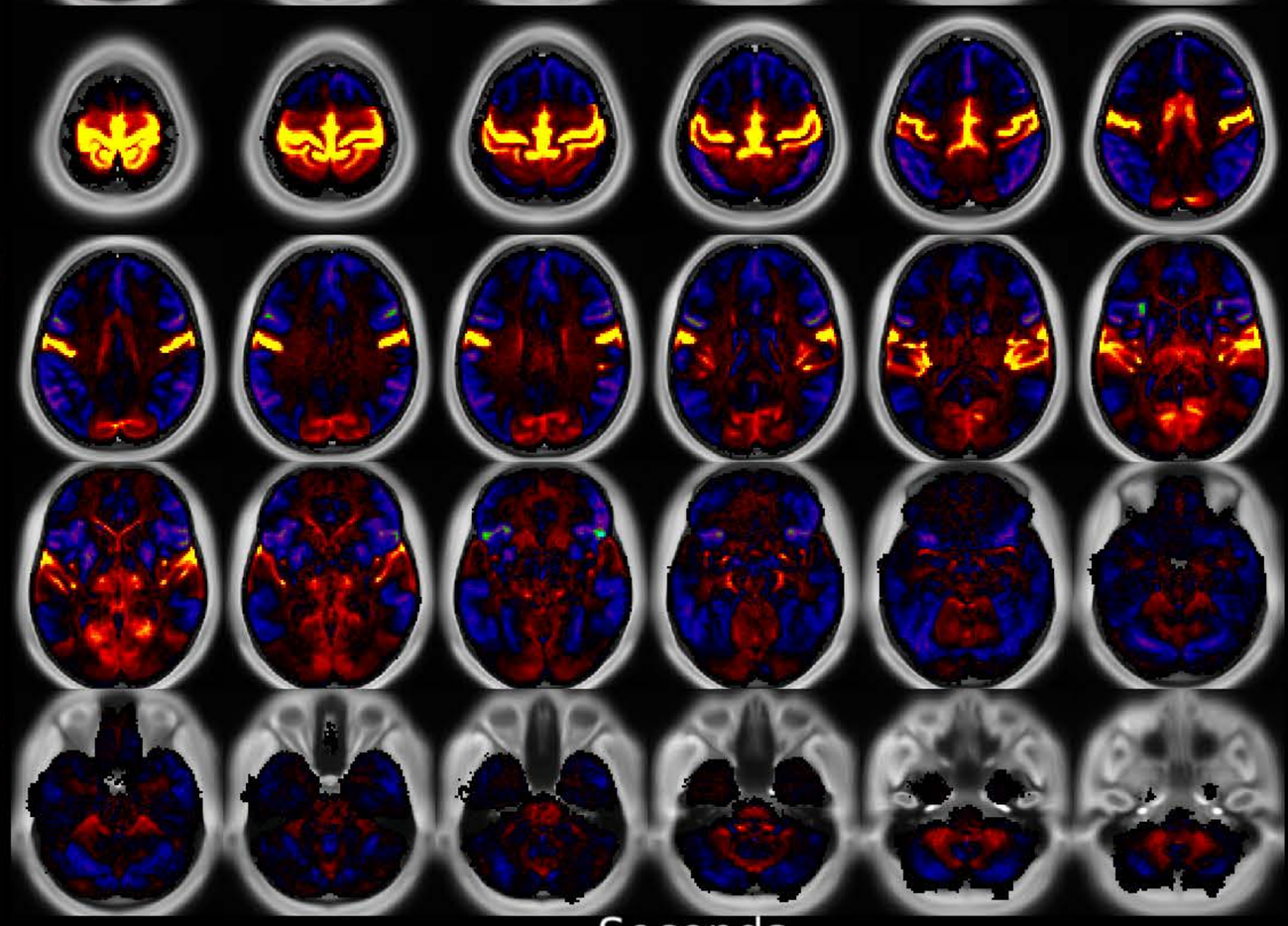

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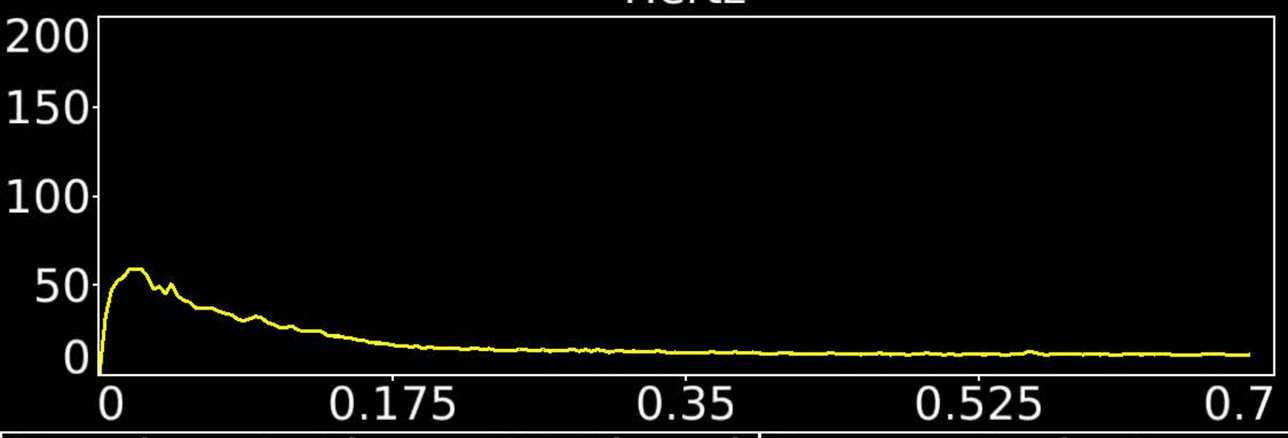
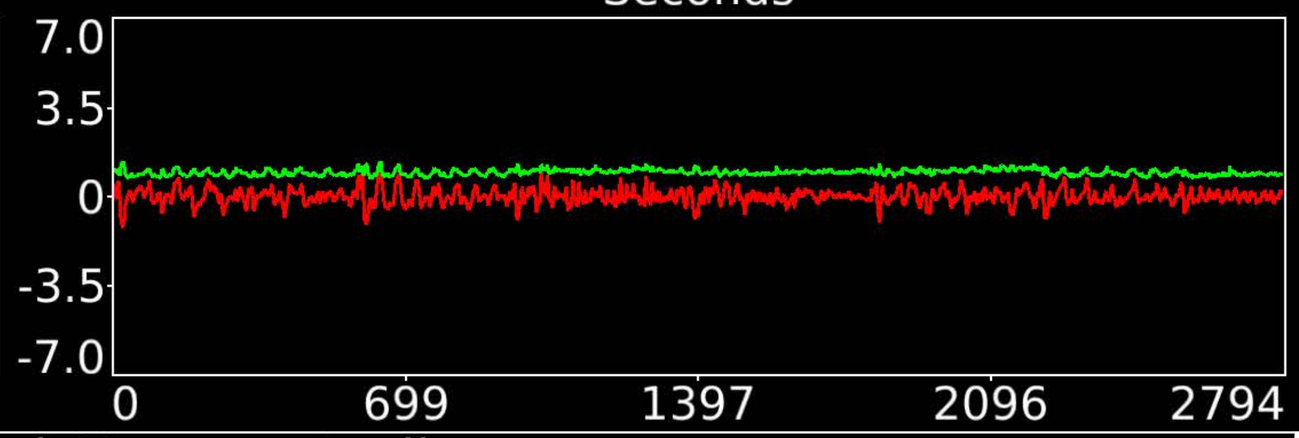
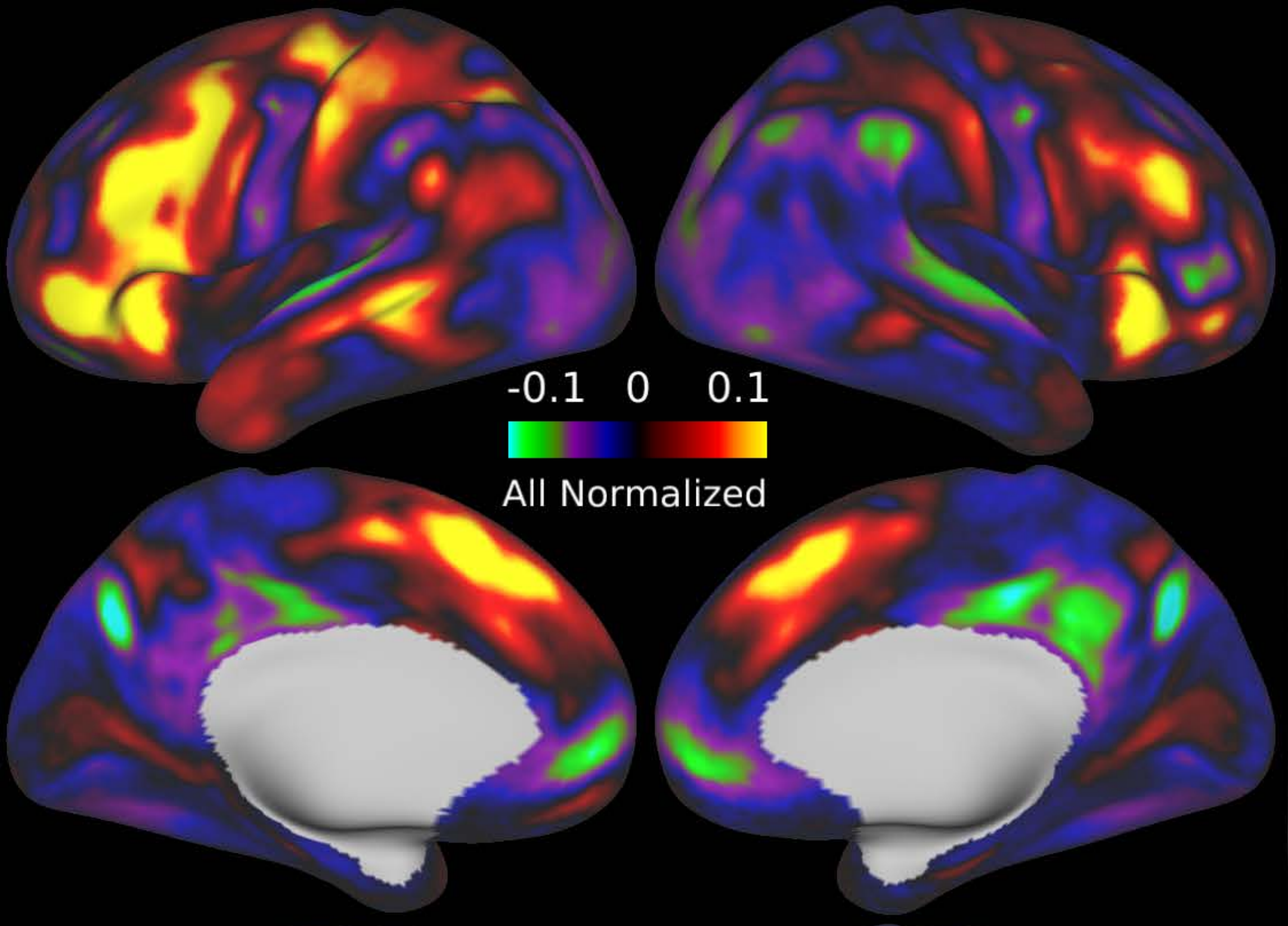
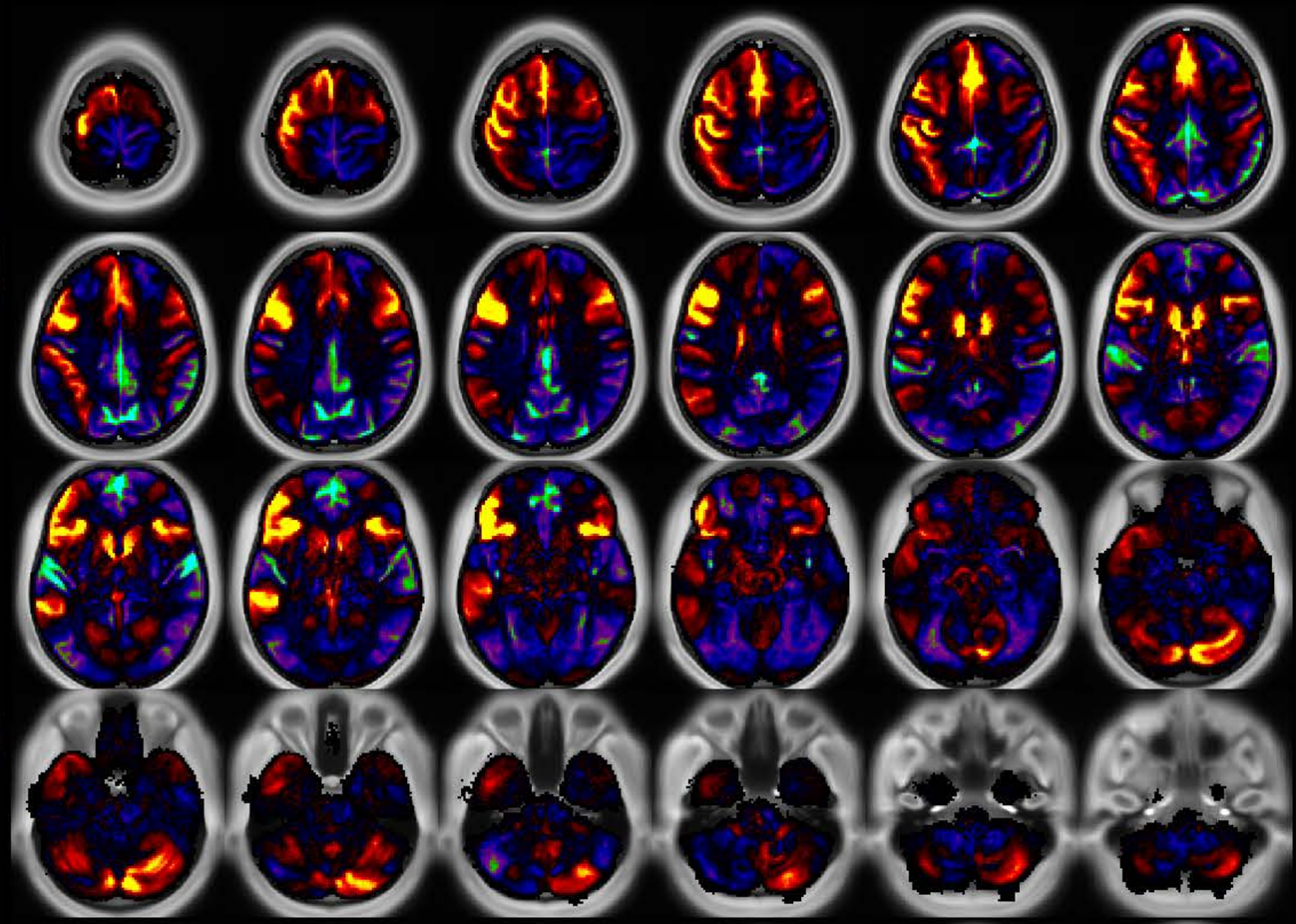


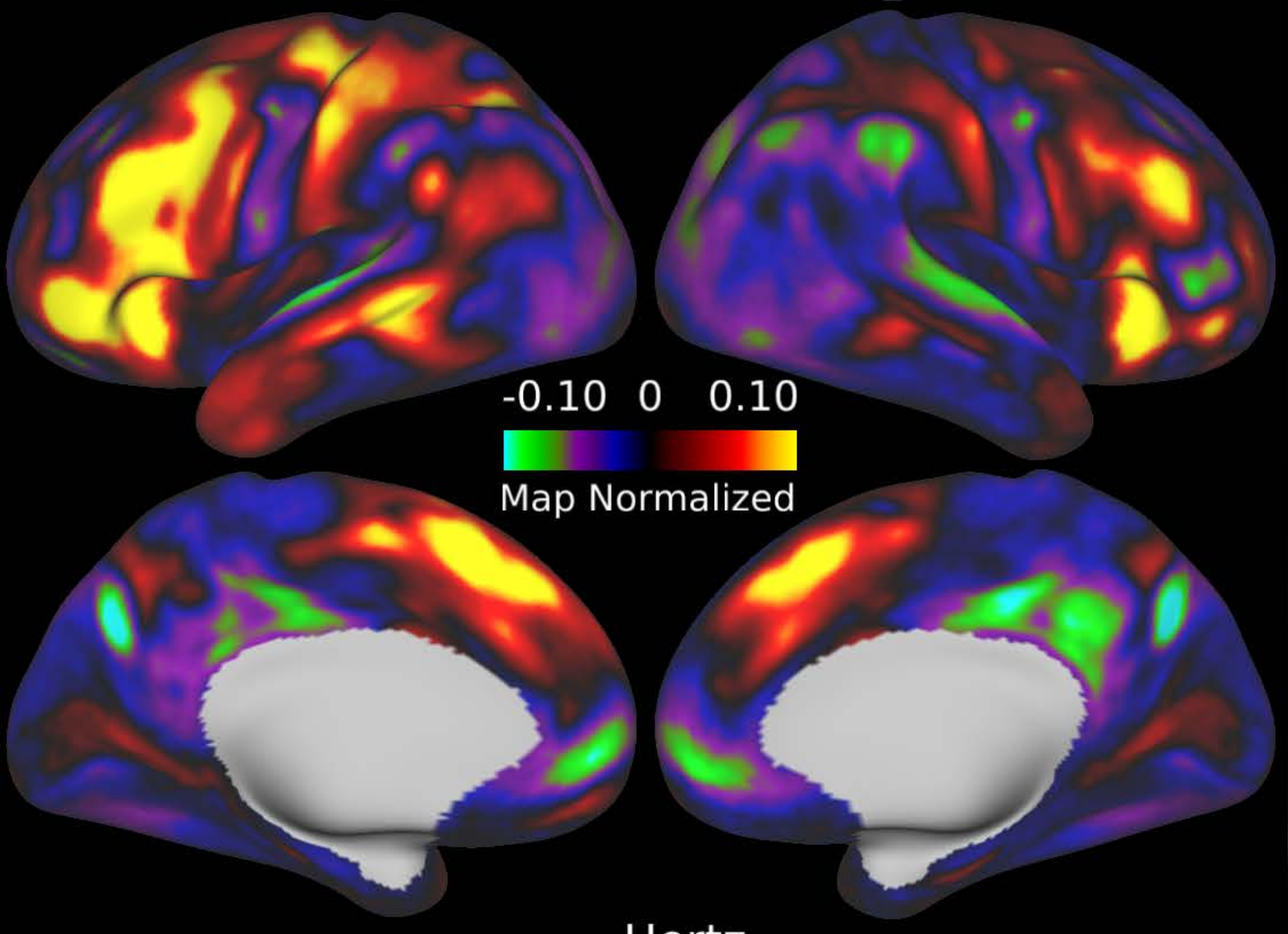


Number & Class: 23 Signal	Name: Early Sensori-Motor + Auditory	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 1.57	Globality Index: 0.02
Rest Component: 5	Taskr Component: No	Task Modulated: No

Rationale: Spatial map includes positive and negative patches that respect known areal boundaries (e.g. around MT+); most specific to sensori-motor cortex







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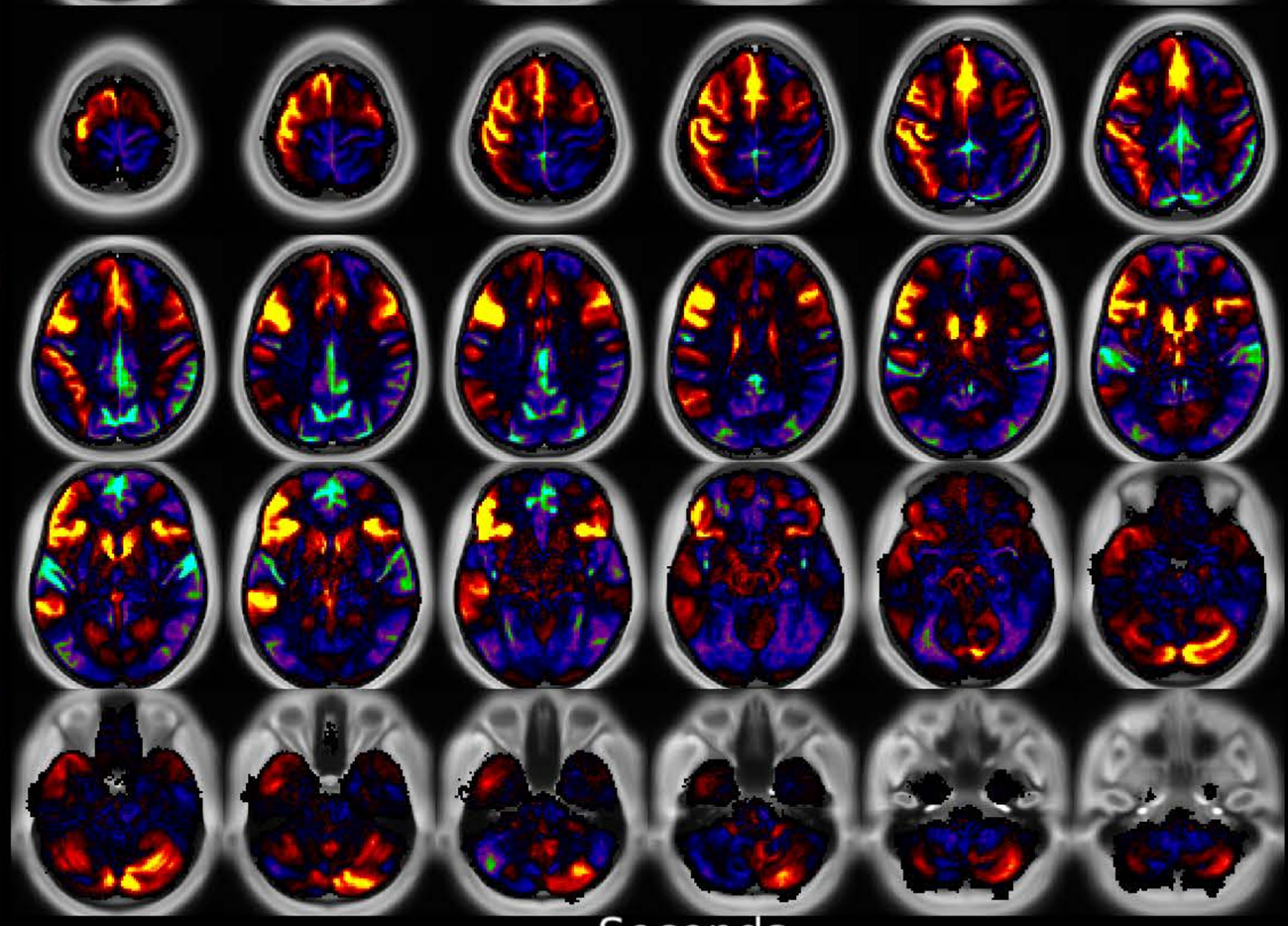

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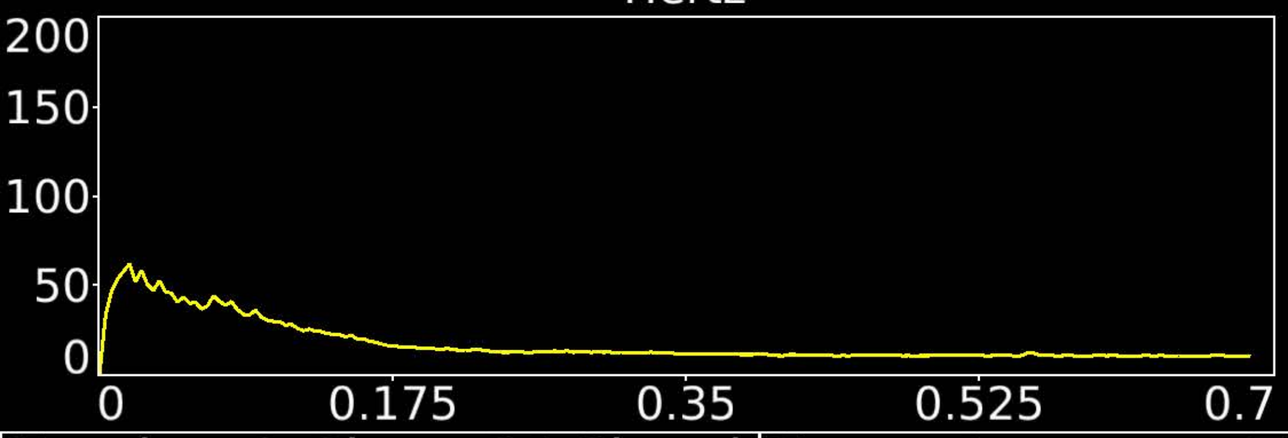
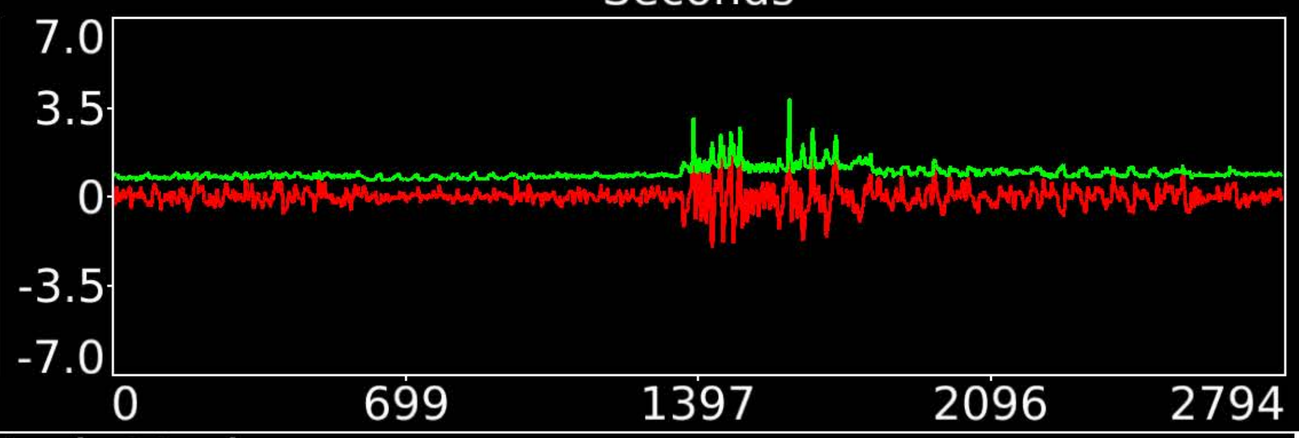
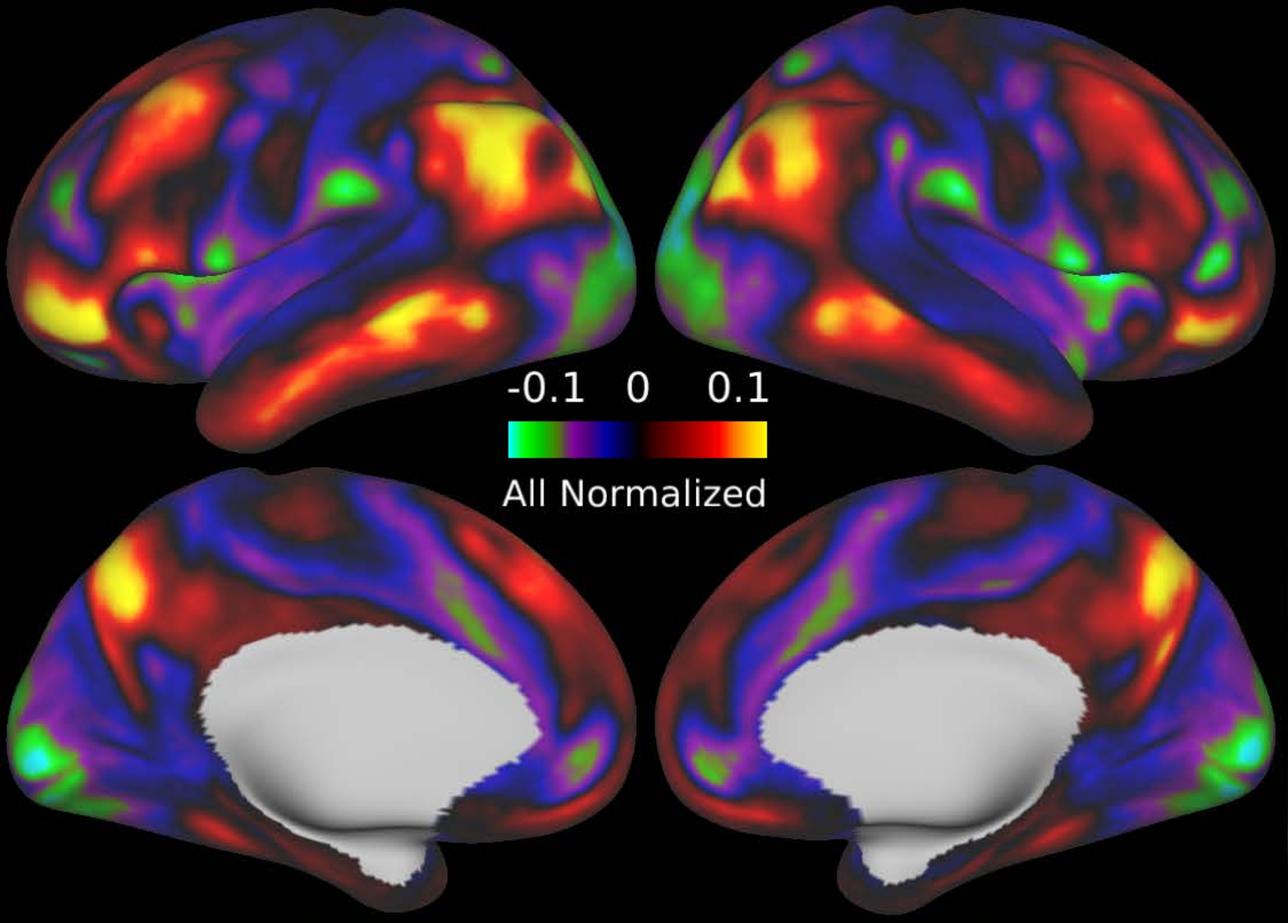
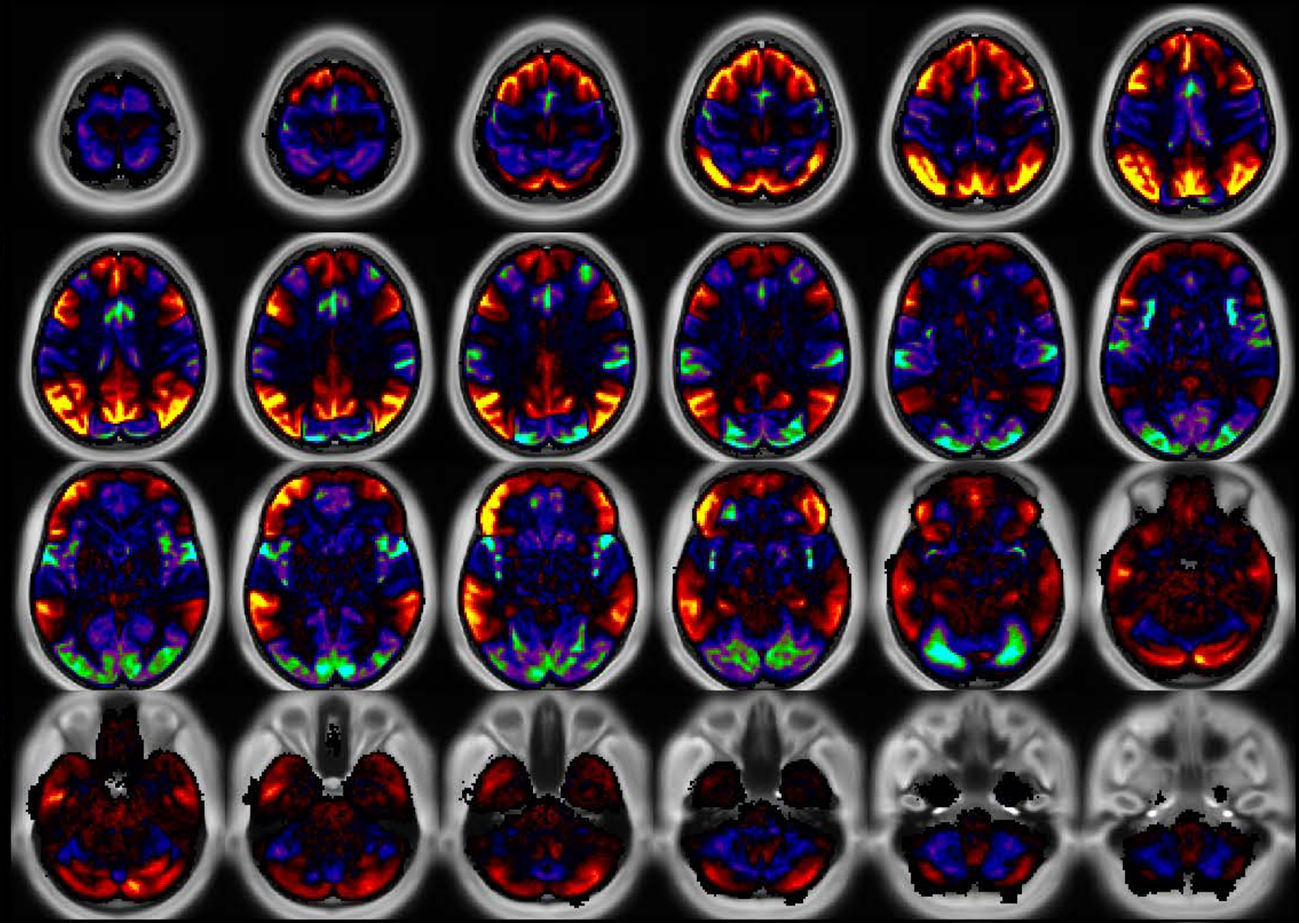


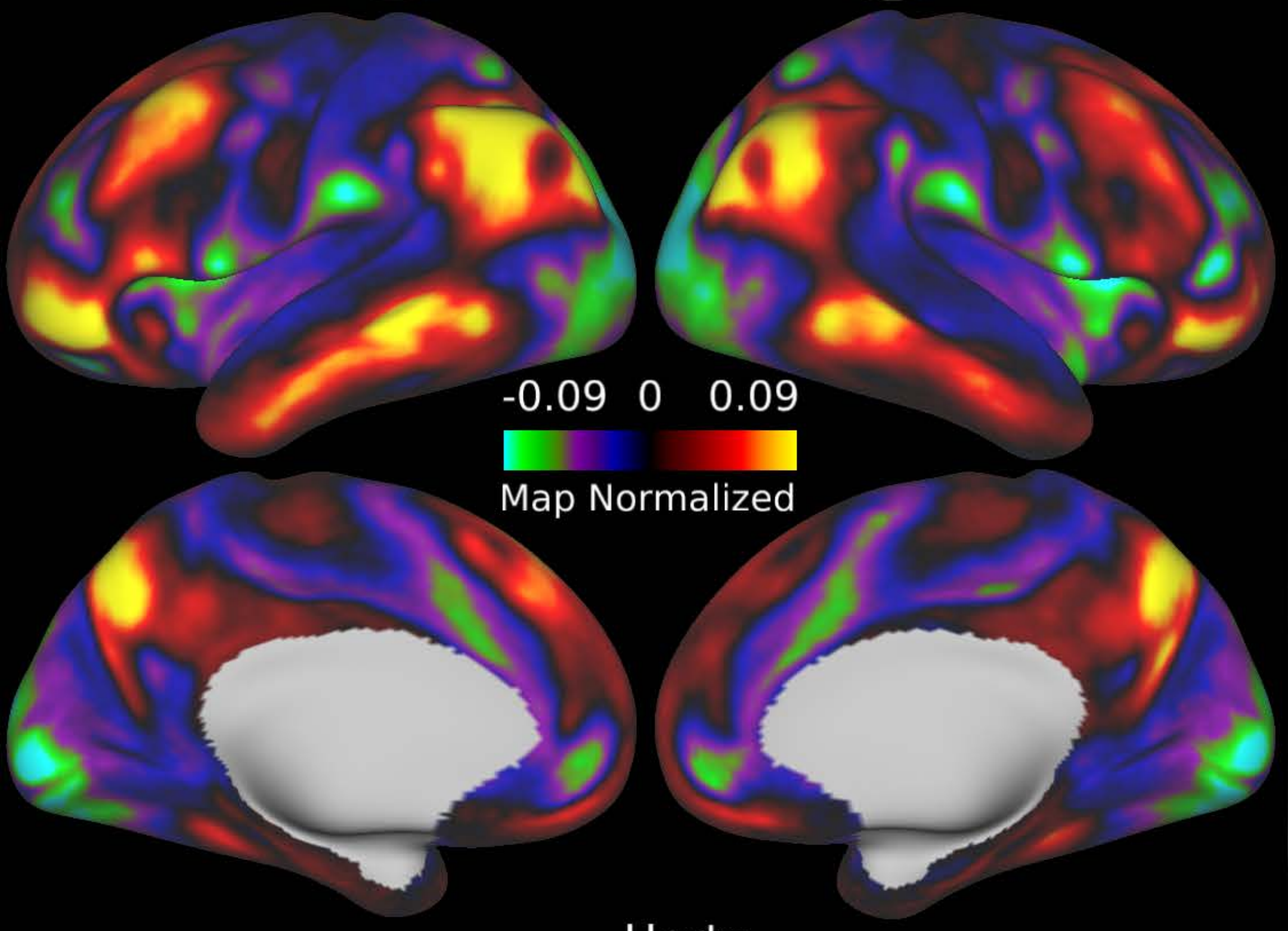


Number & Class: 24 Signal	Name: Language Task Math	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.53	Globality Index: 0.19
Rest Component: No	Taskr Component: 17	Task Modulated: Language

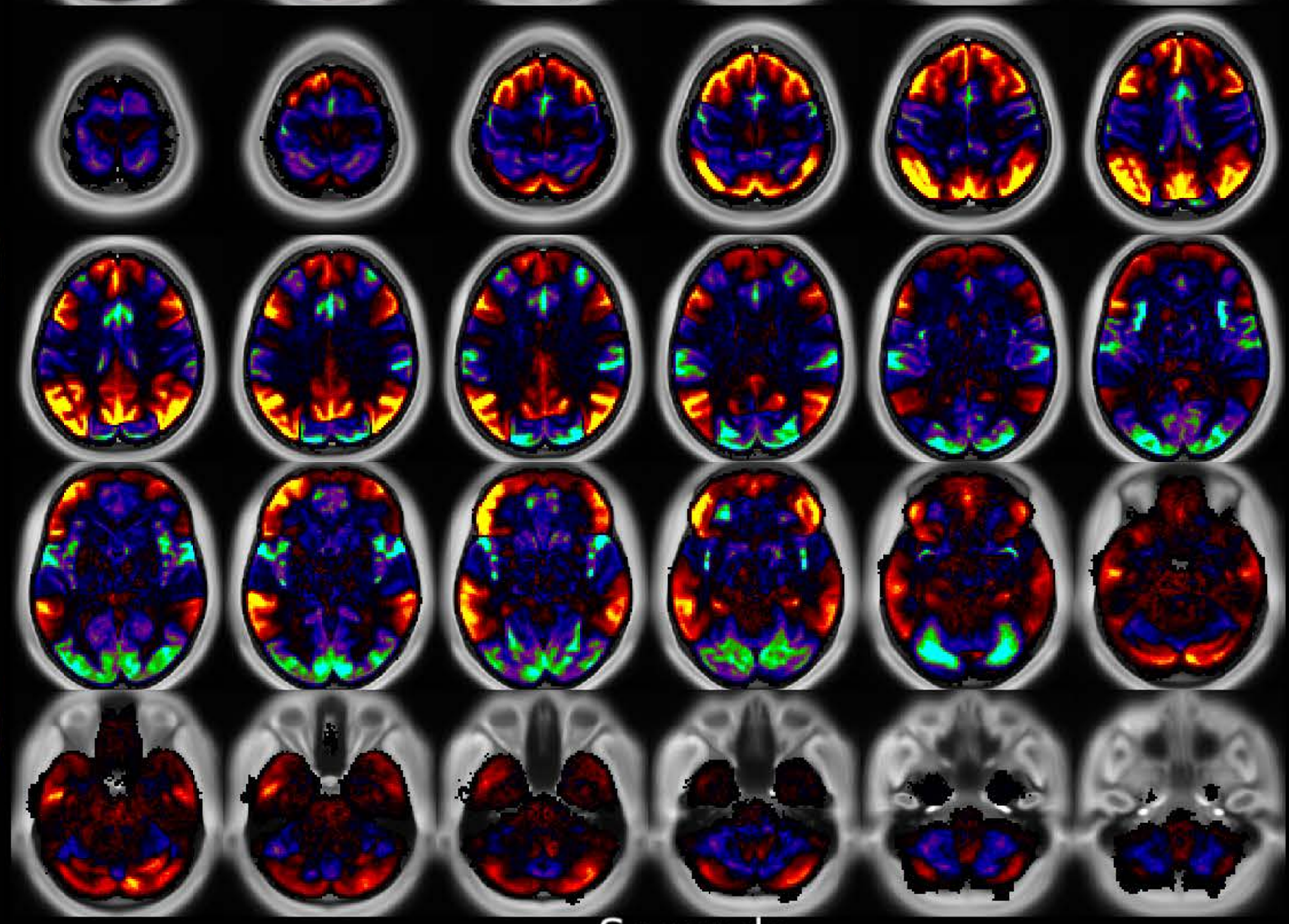
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design



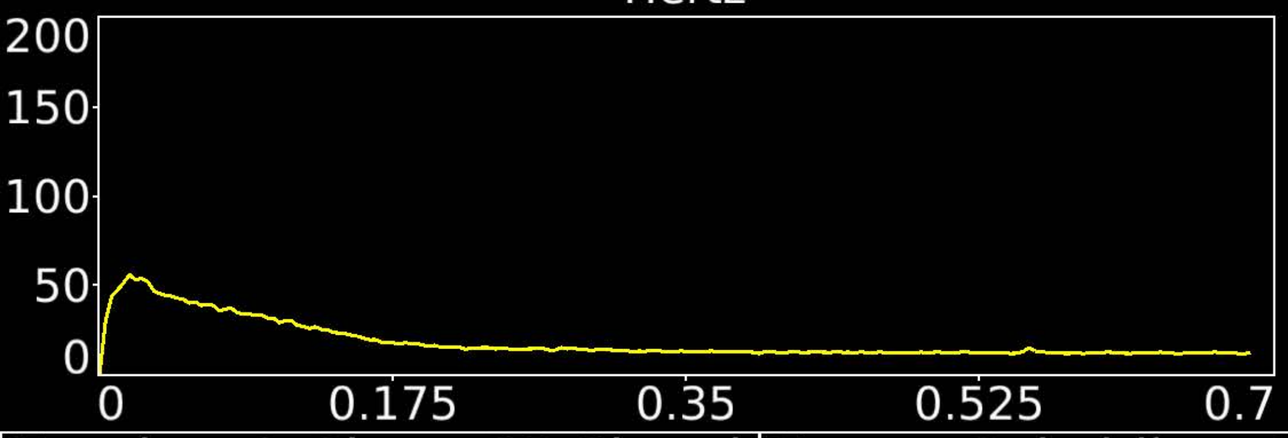


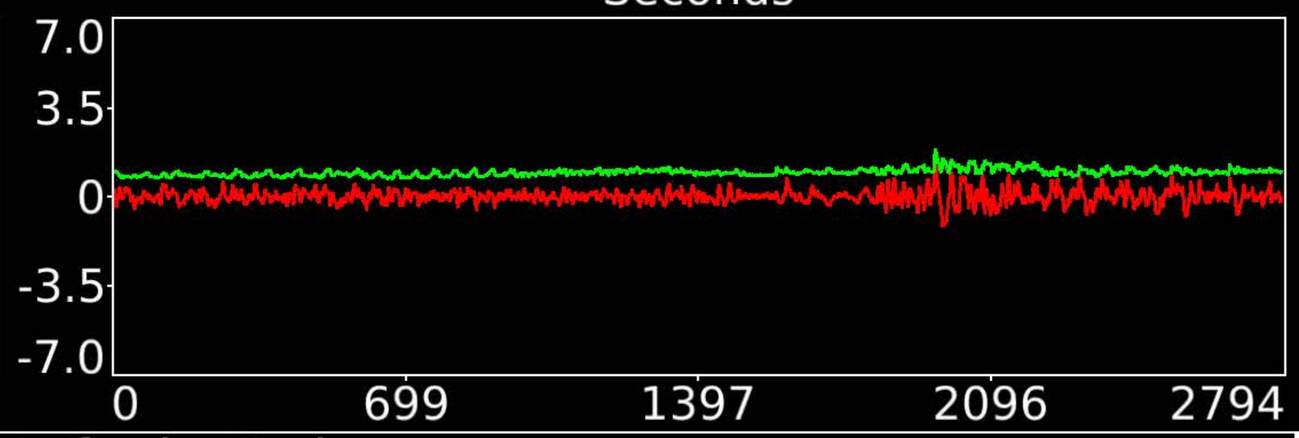


Hertz



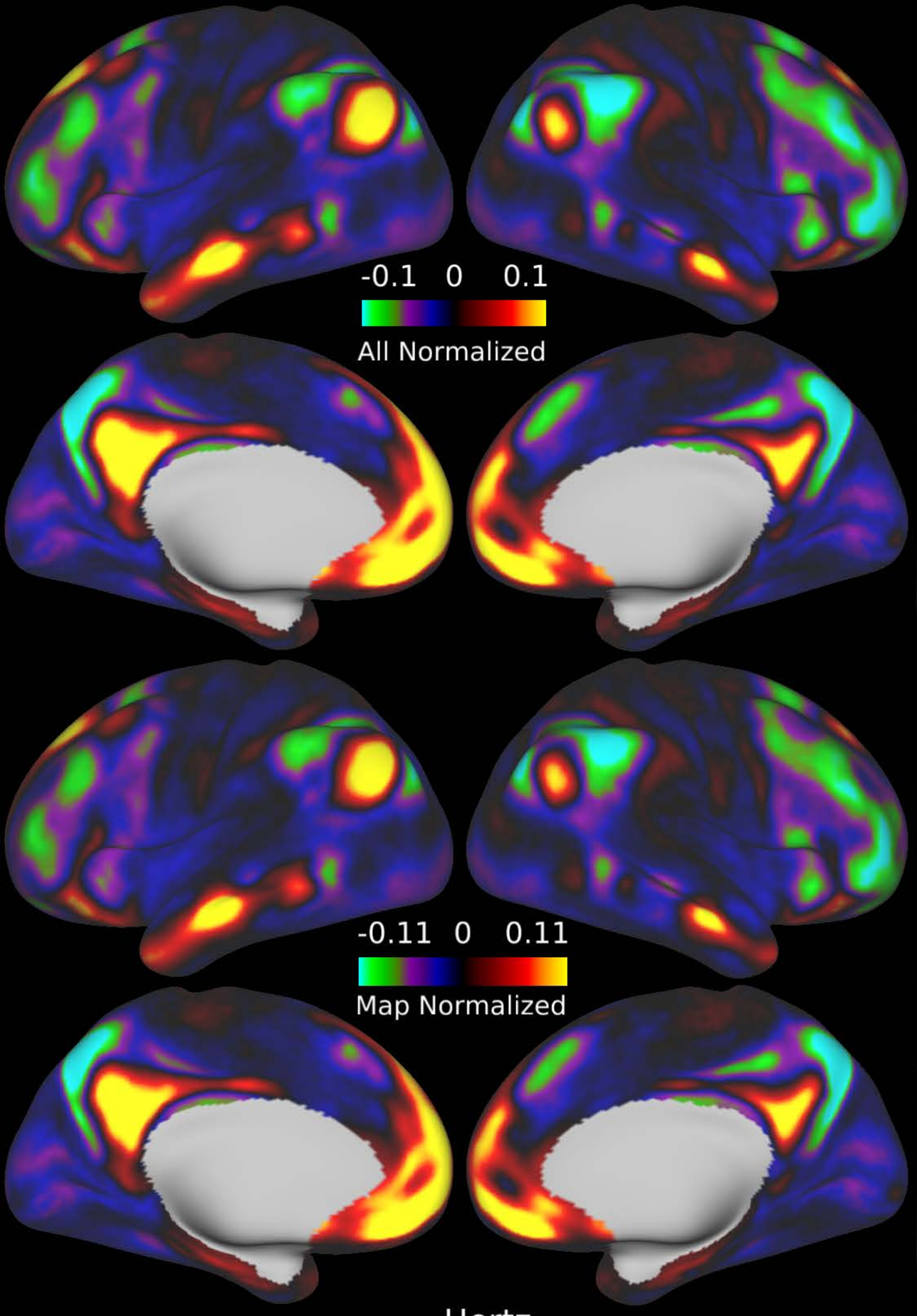
Seconds

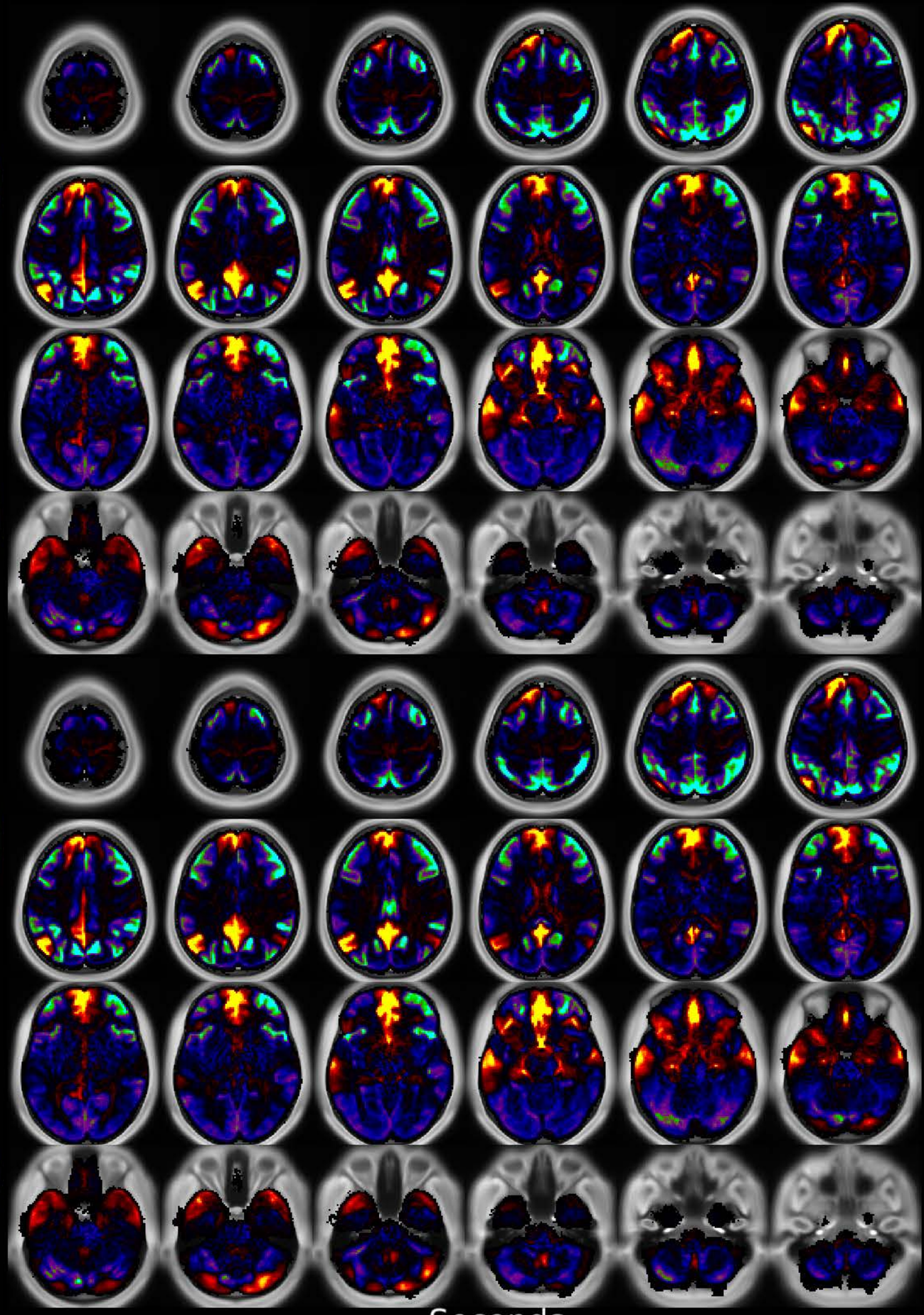




Number & Class: 25 Signal	Name: Subsidiary Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.52	Globality Index: 0.32
Rest Component: No	Taskr Component: No	Task Modulated: No

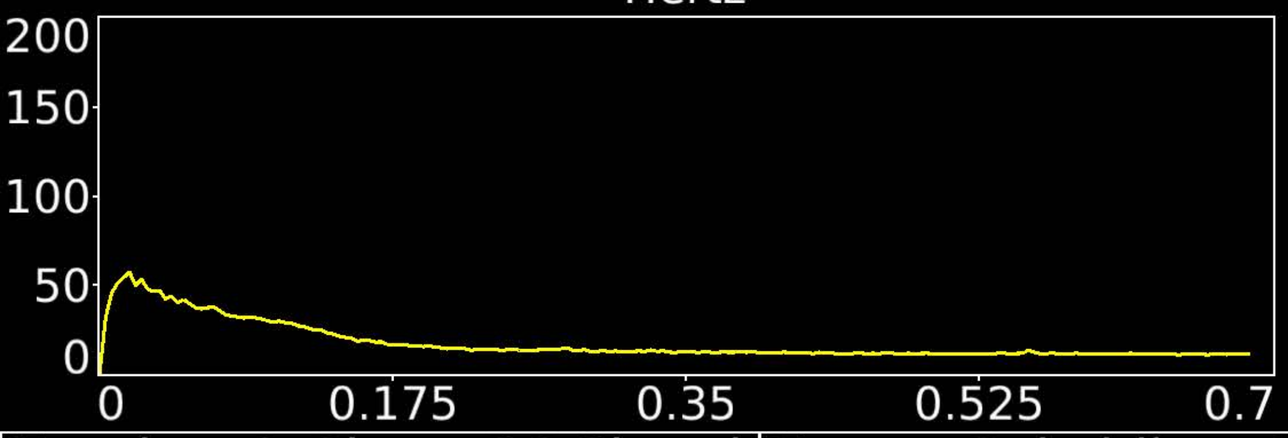
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network)

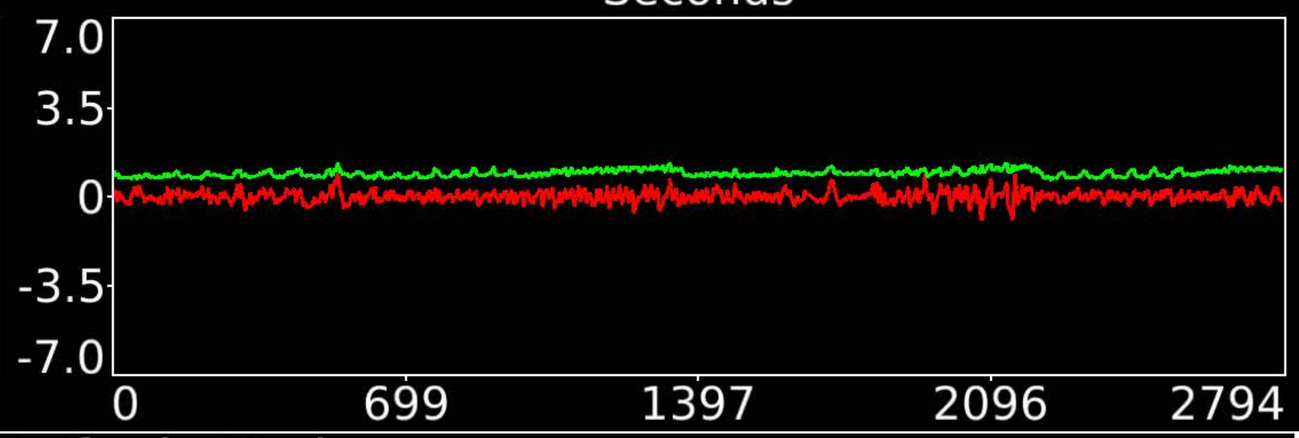




Hertz

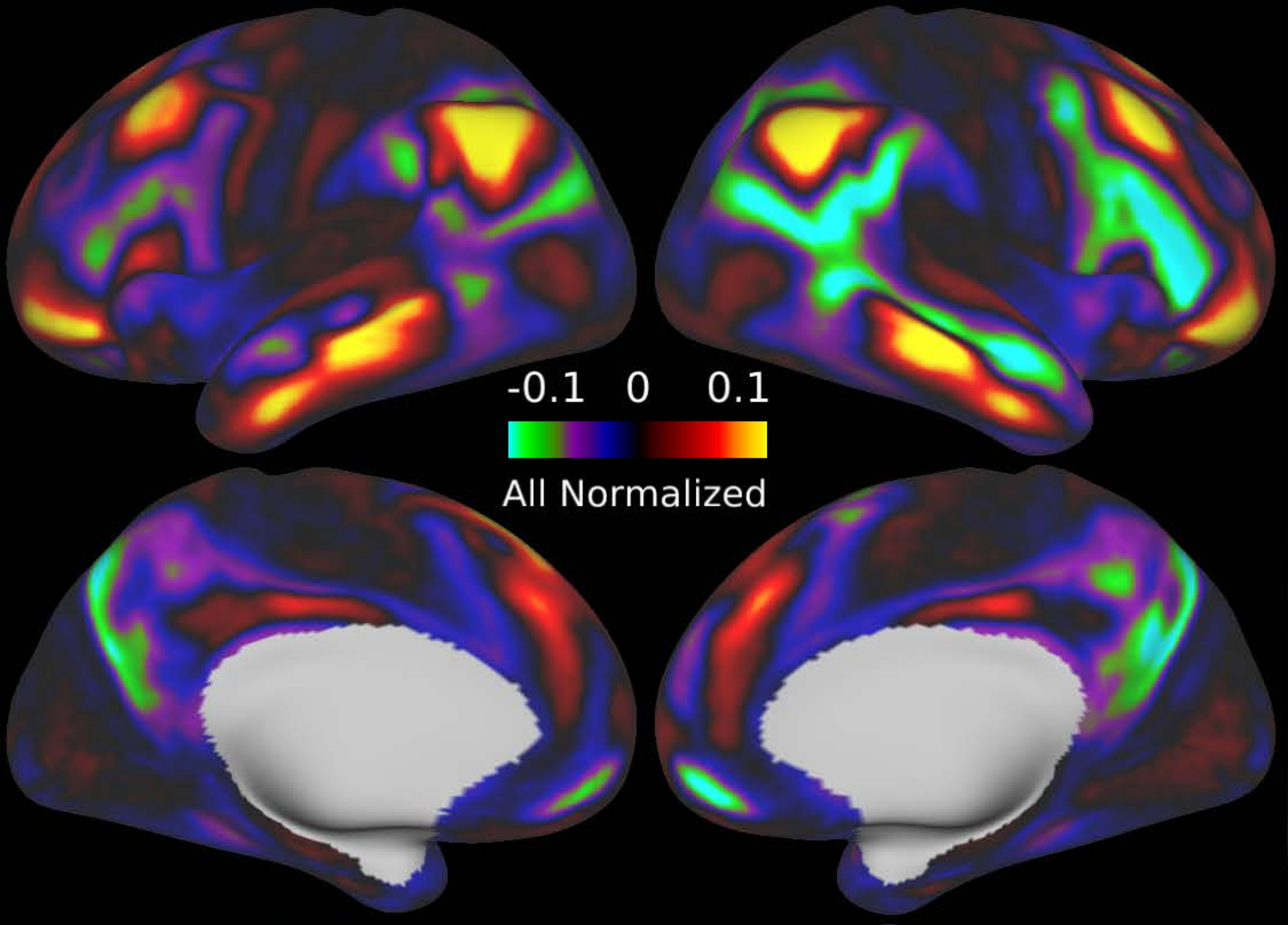
Seconds

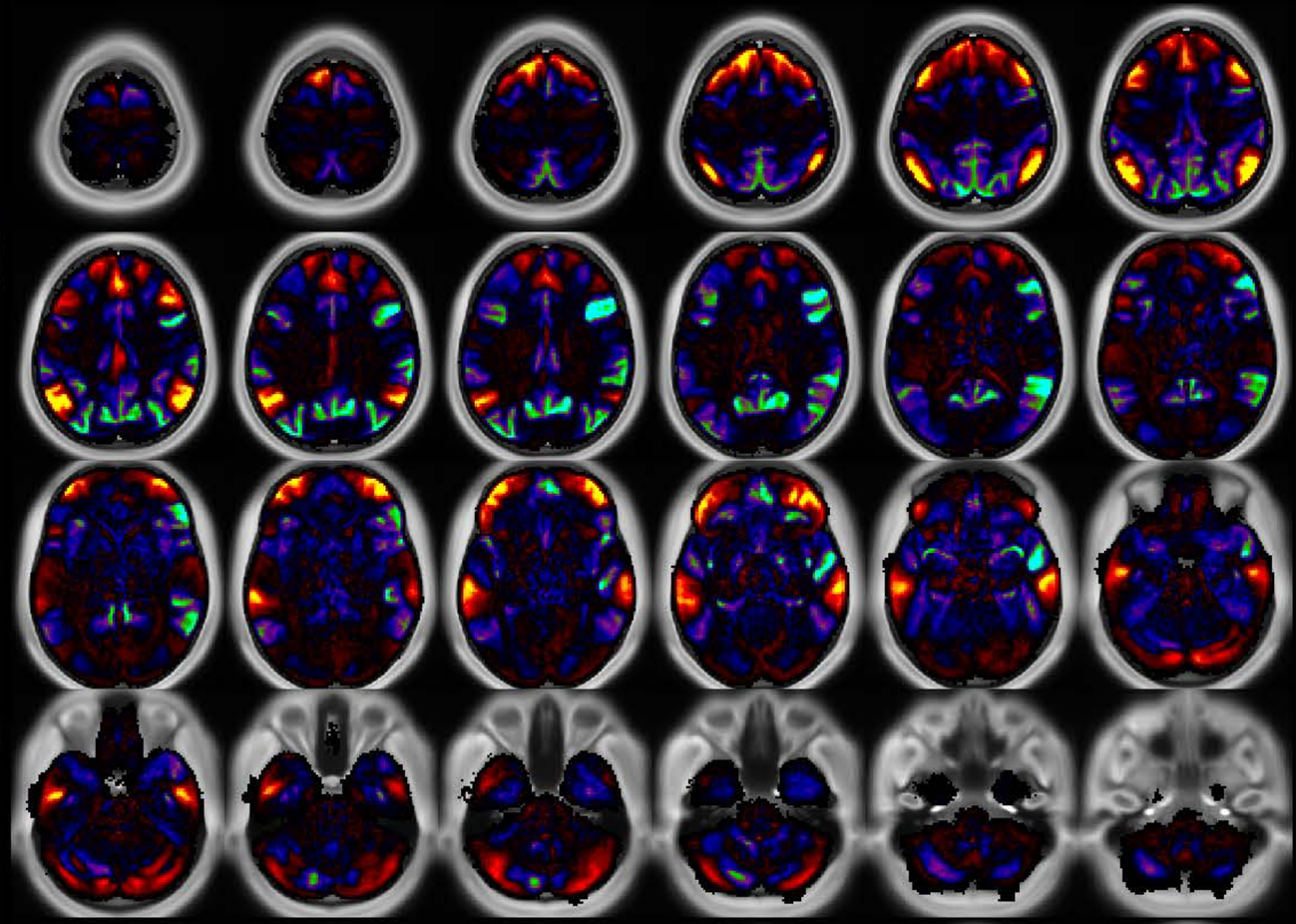


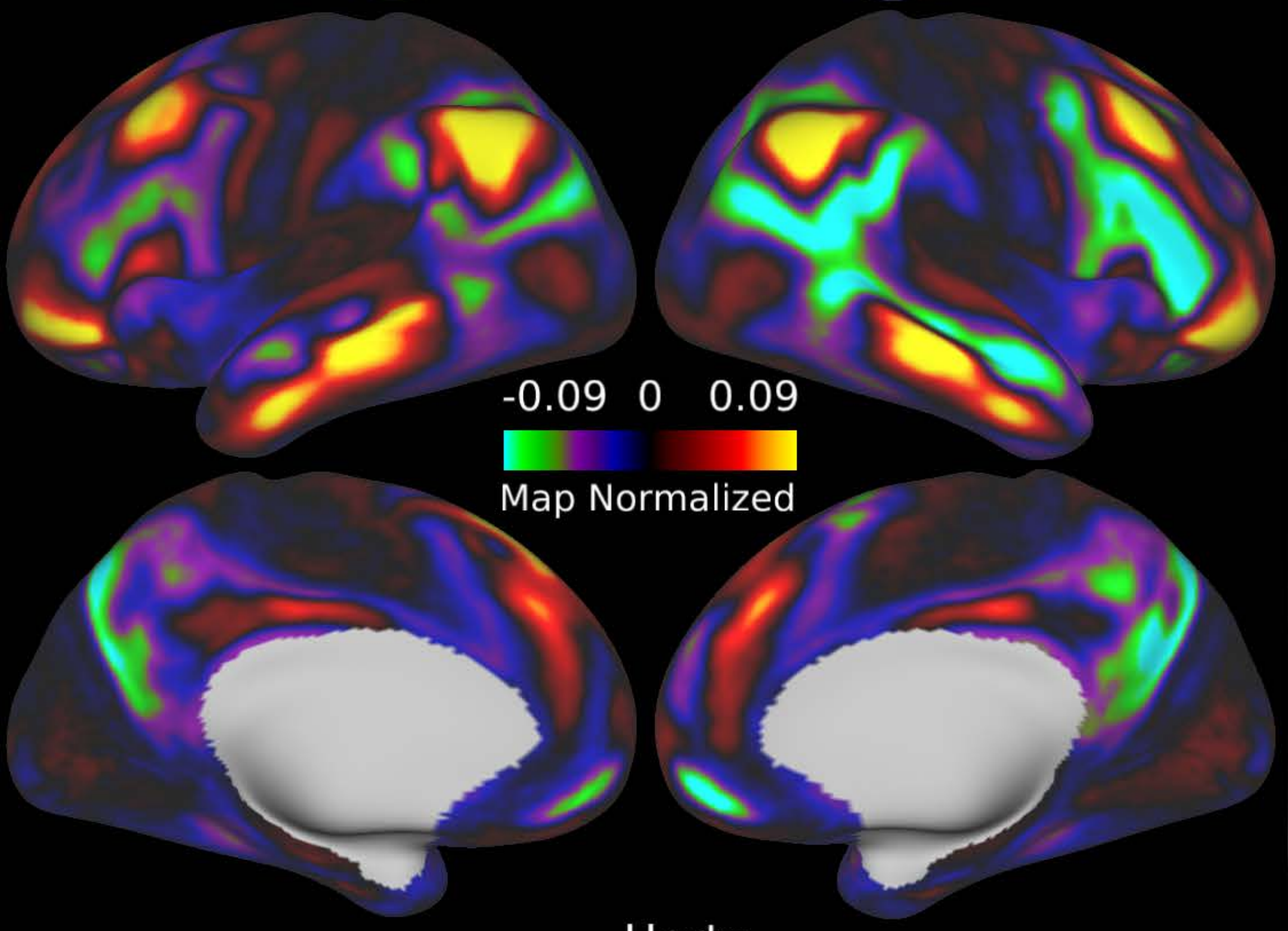


Number & Class: 26 Signal	Name: Subsidiary Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.45	Globality Index: 1.4
Rest Component: 15	Taskr Component: No	Task Modulated: No

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







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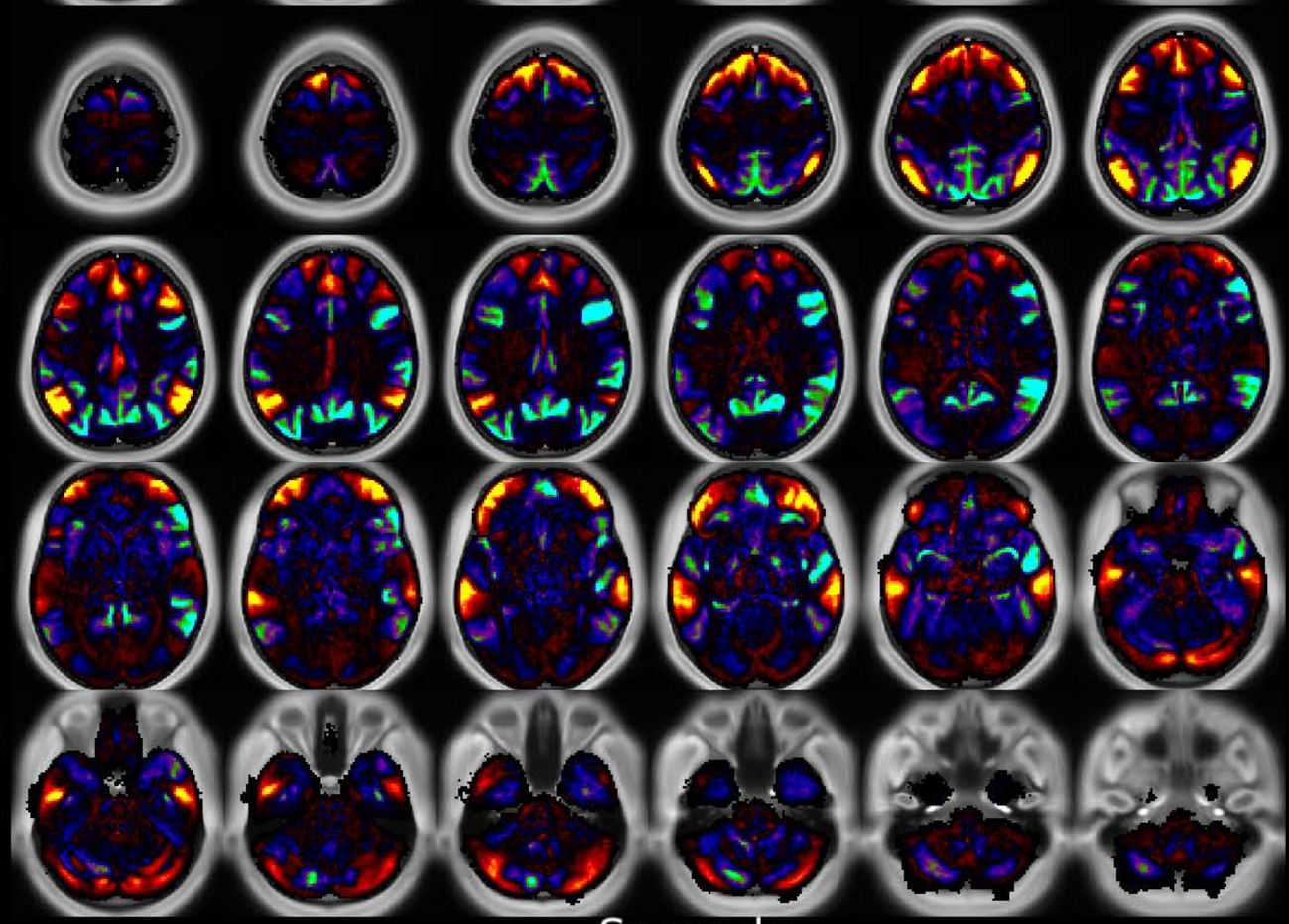

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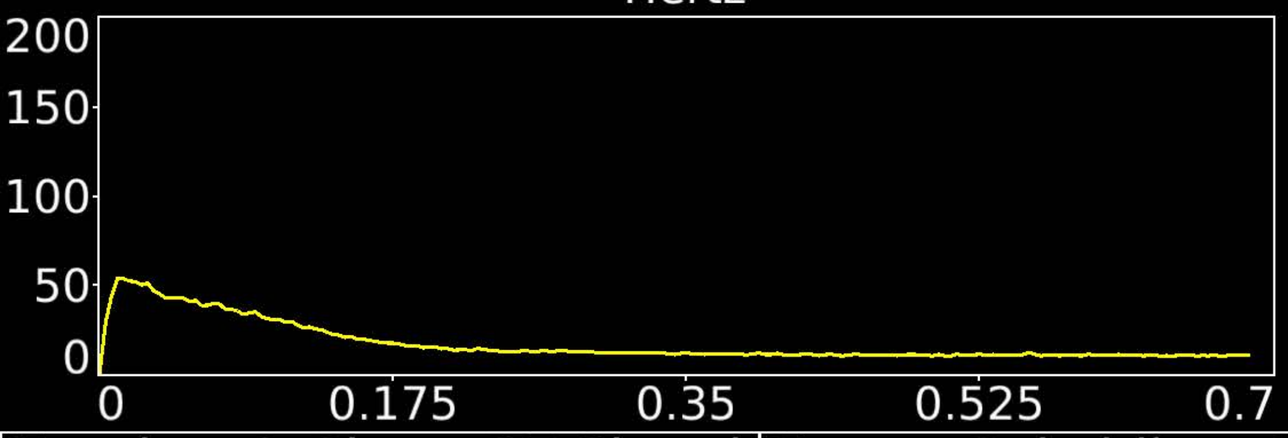
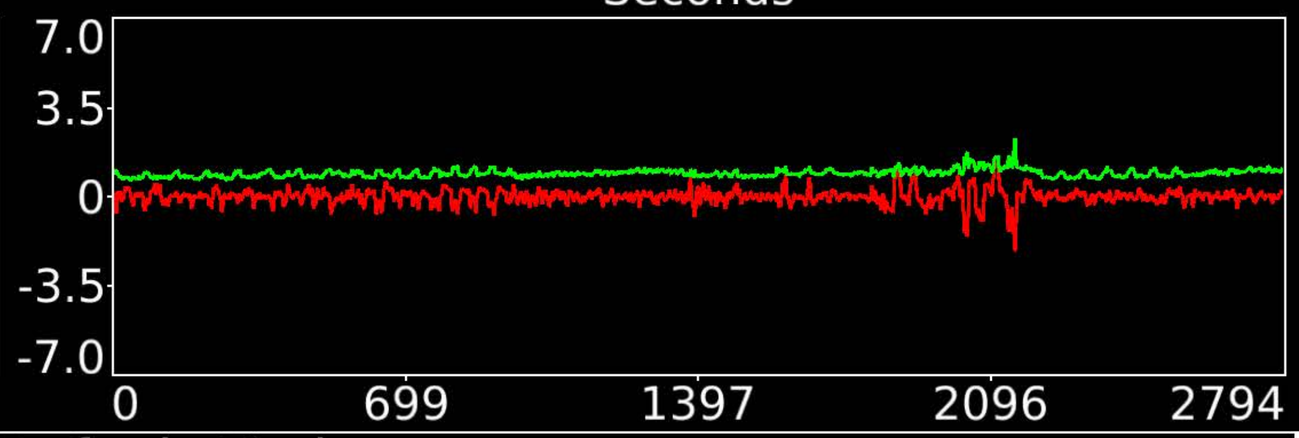
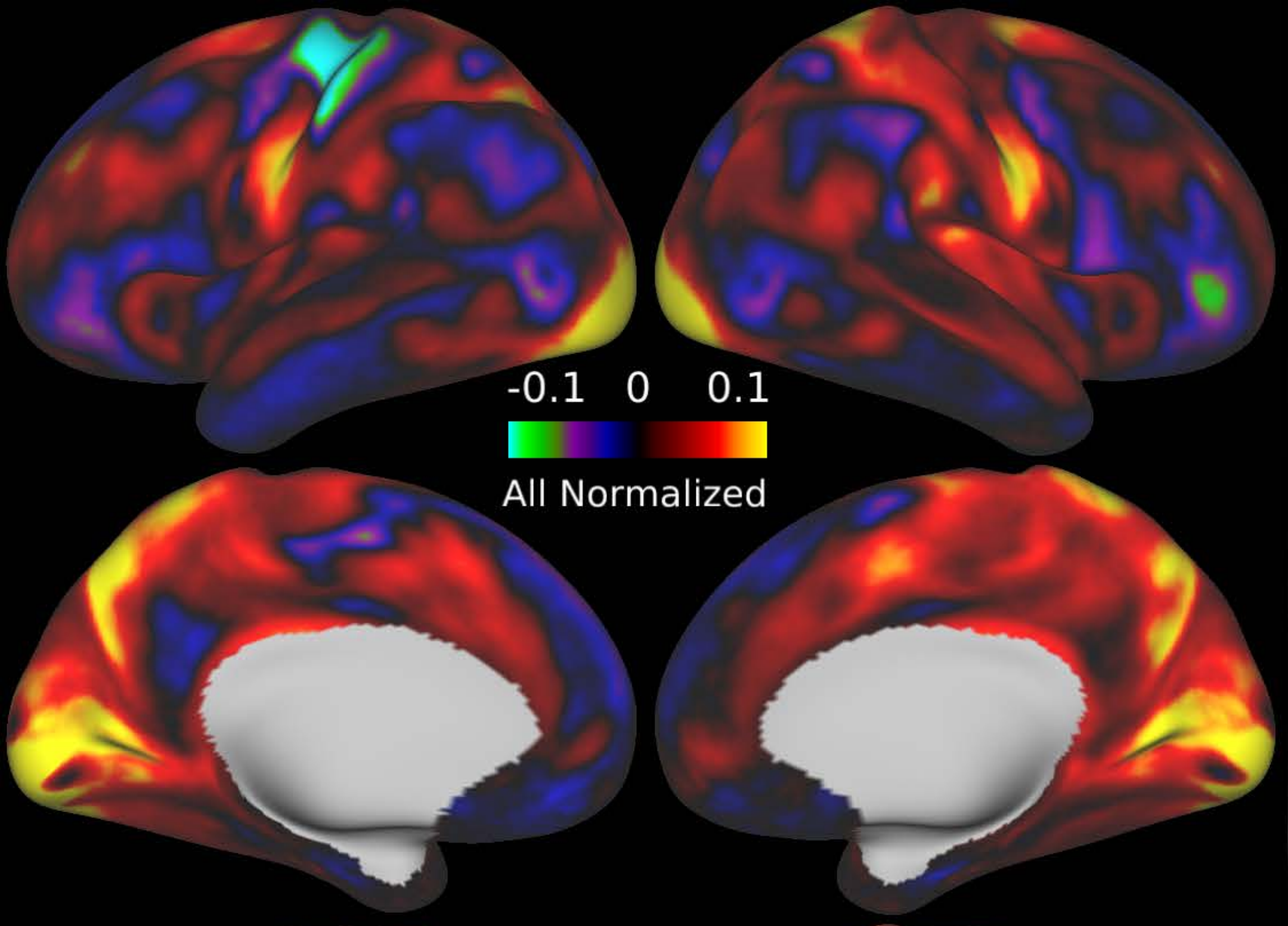
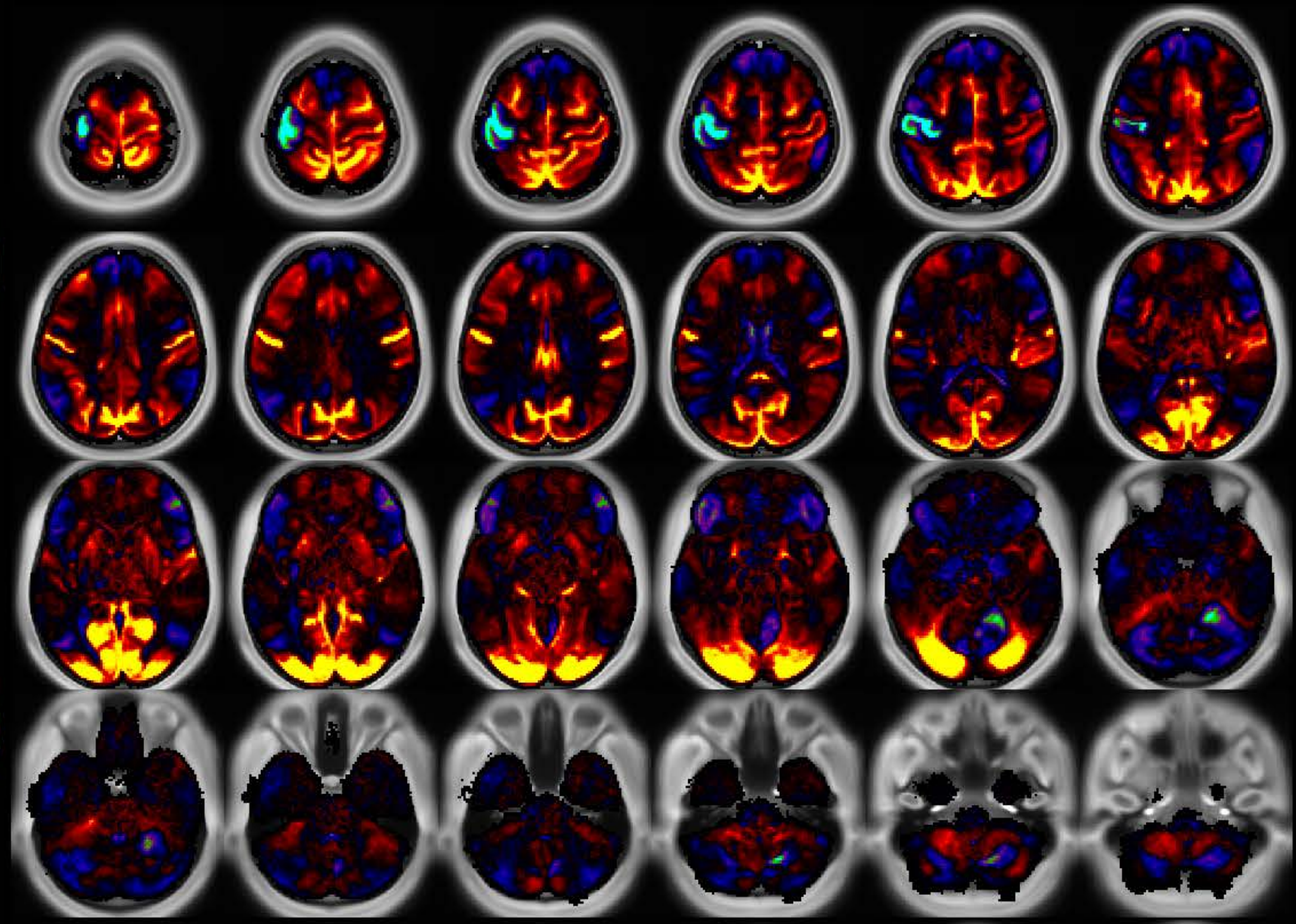


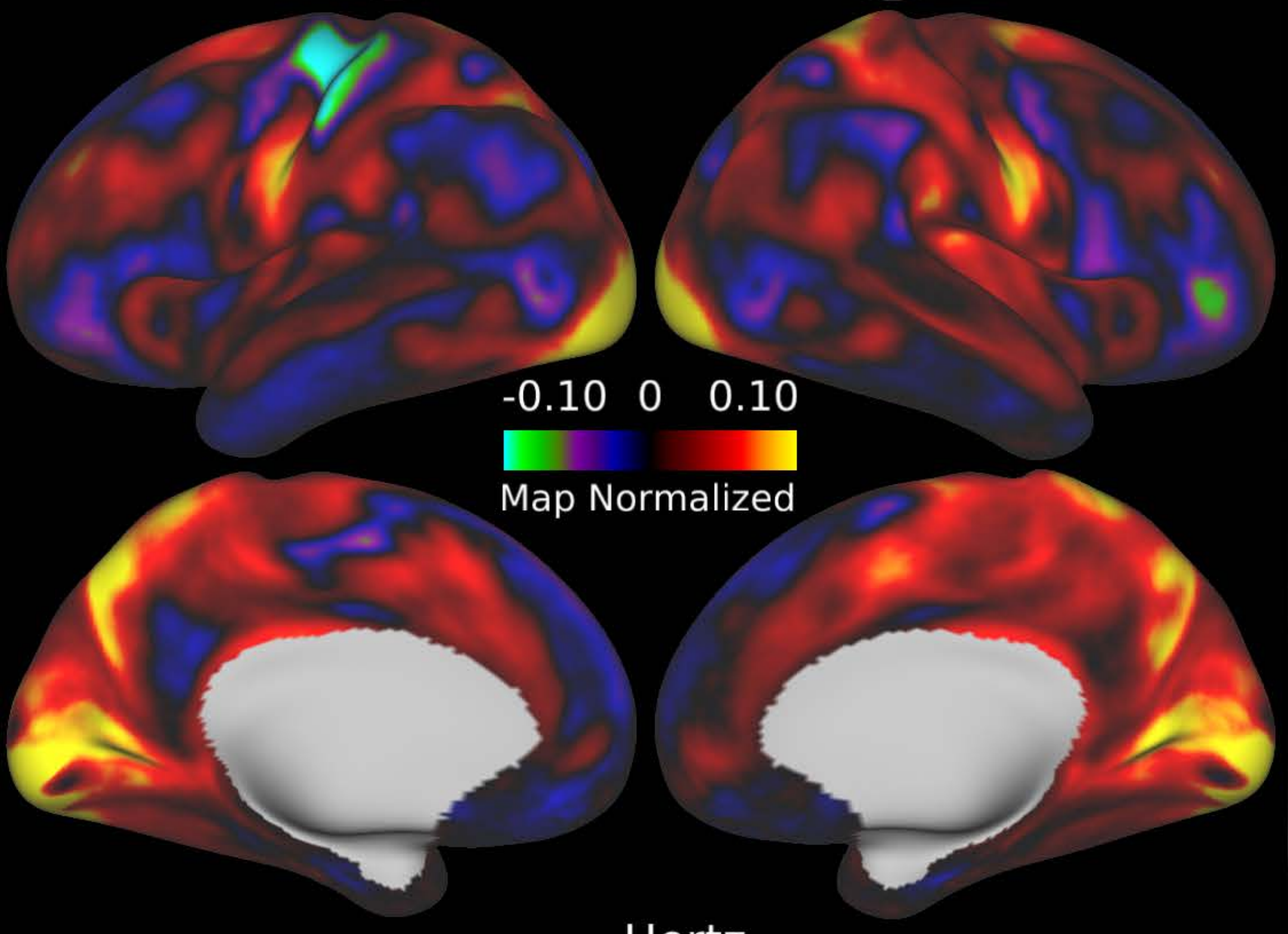


Number & Class: 27 Signal	Name: Subsidiary Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.42	Globality Index: 0.64
Rest Component: No	Taskr Component: No	Task Modulated: No

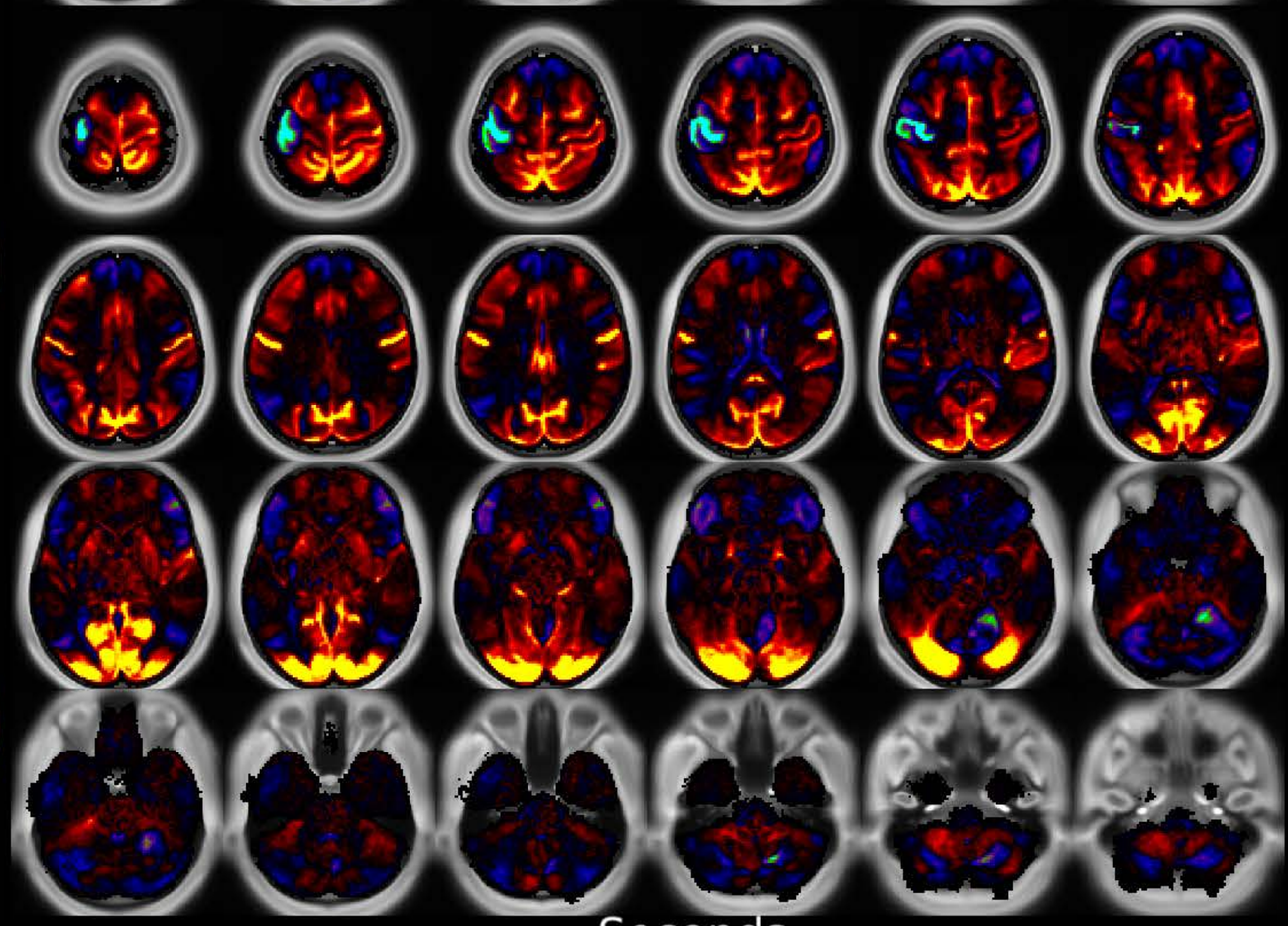
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network)







Hertz



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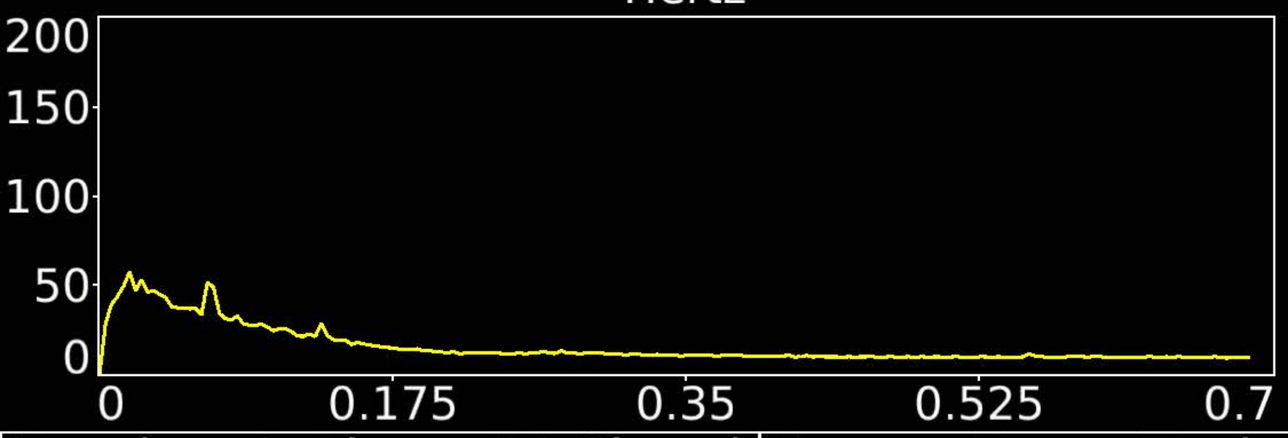
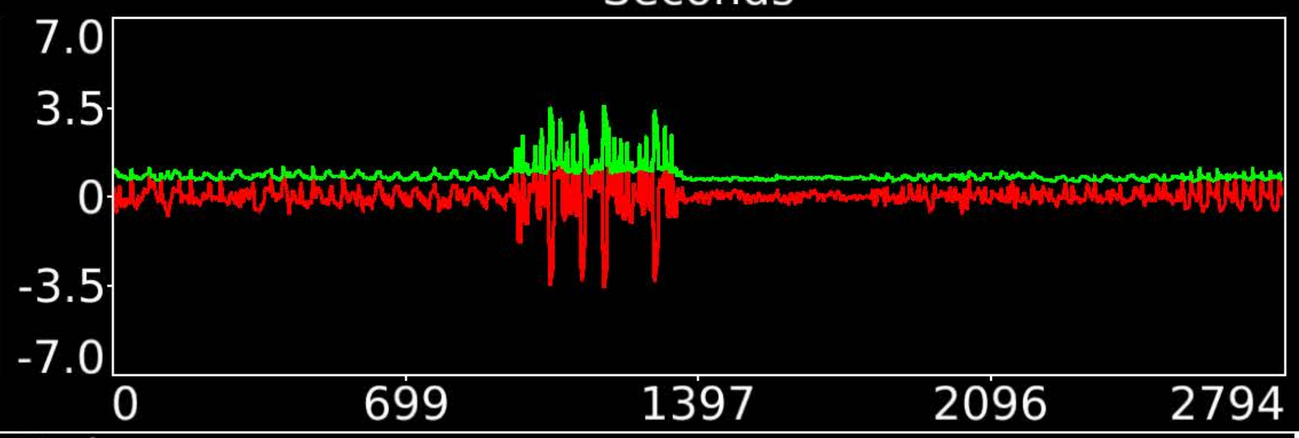
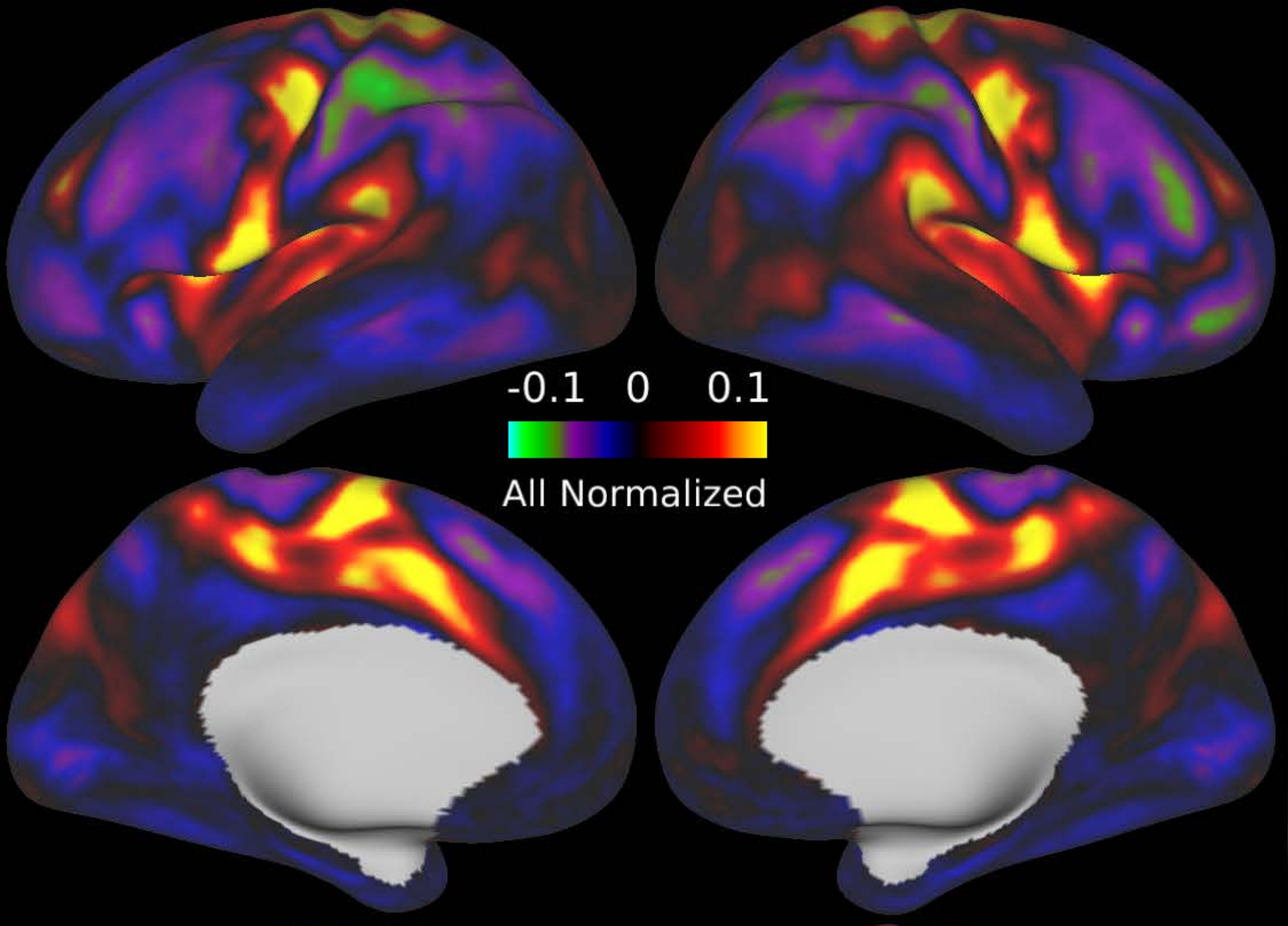
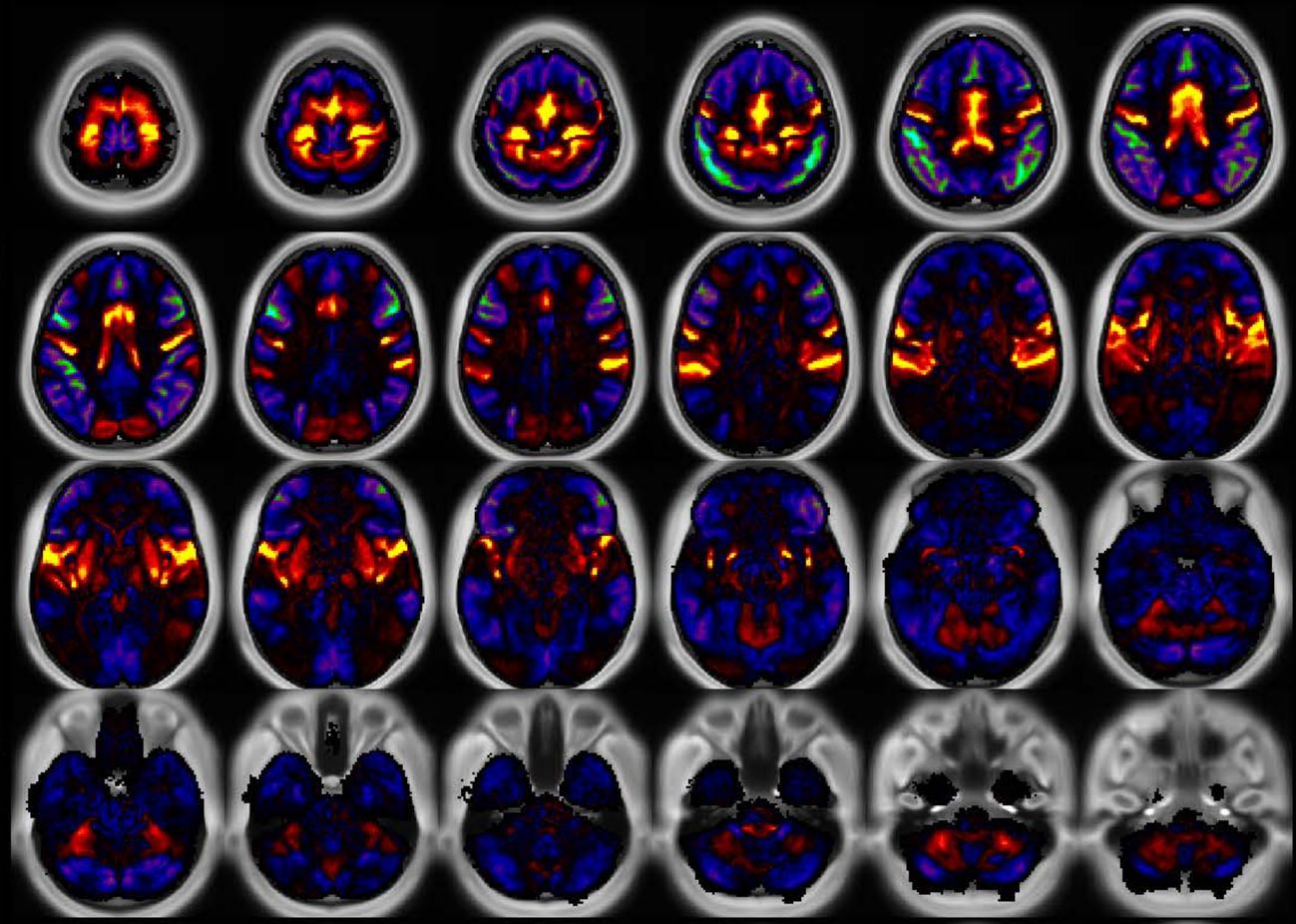


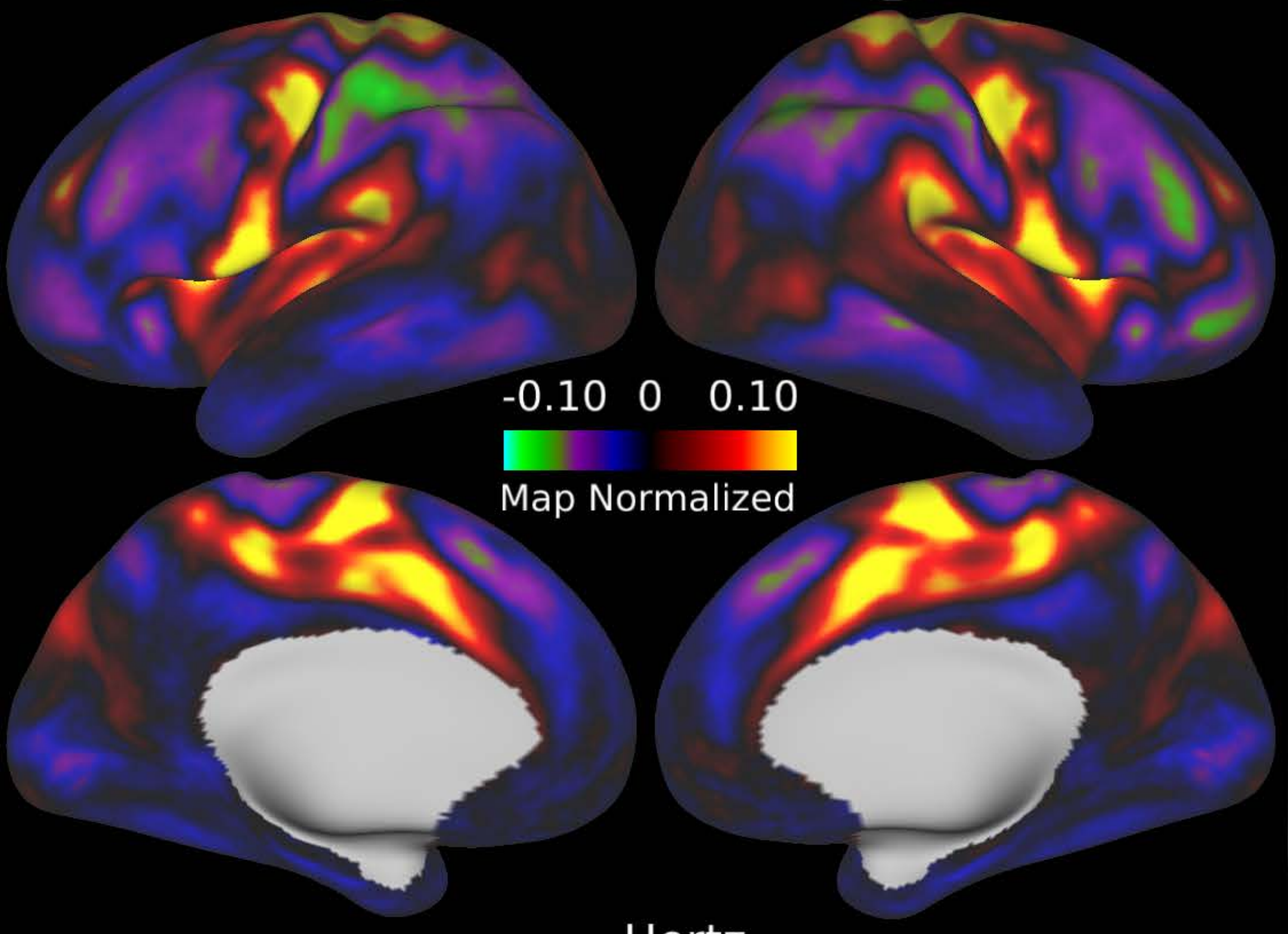


Number & Class: 28 Signal	Name: Motor Task Unknown	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.36	Globality Index: 1.16
Rest Component: No	Taskr Component: No	Task Modulated: Motor

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







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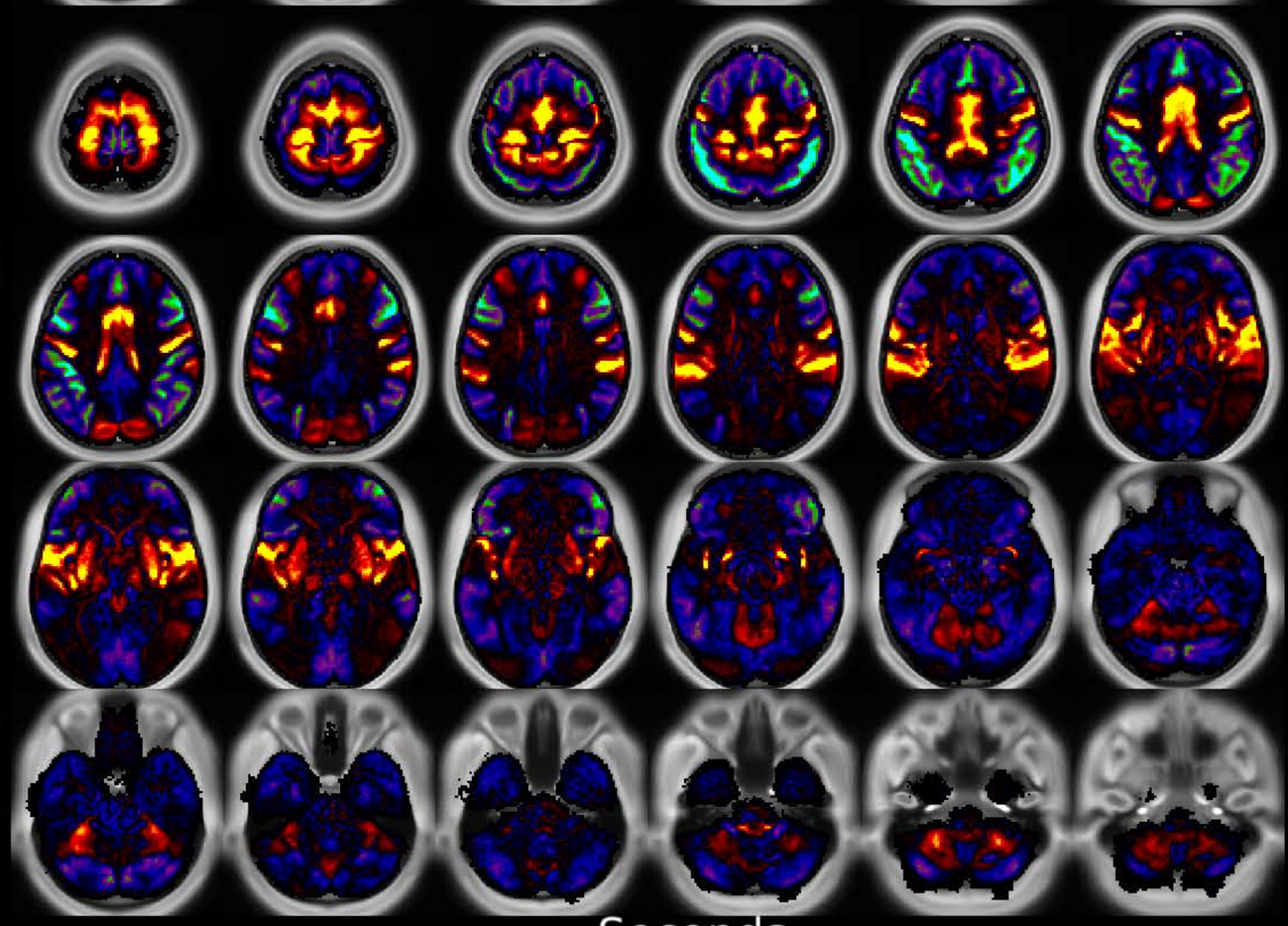
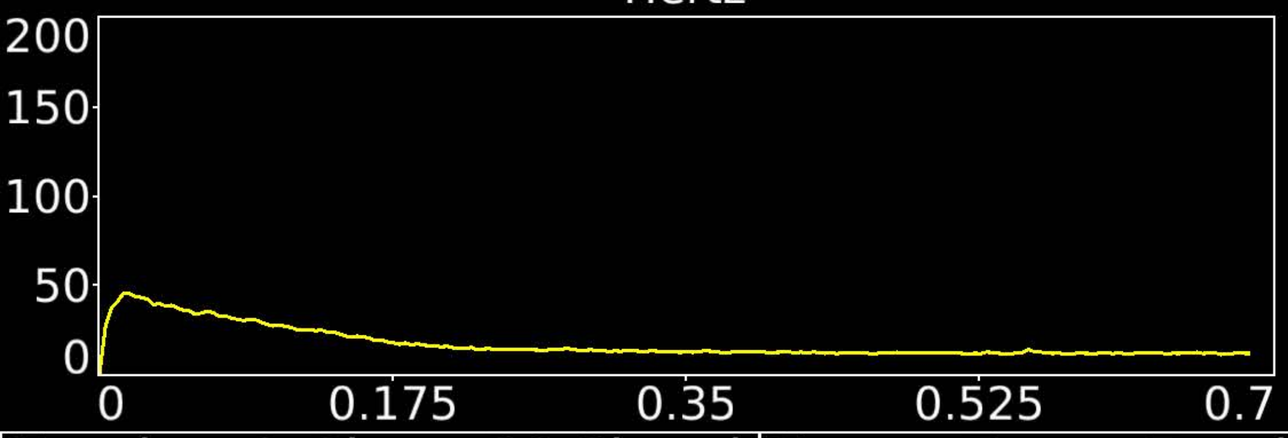
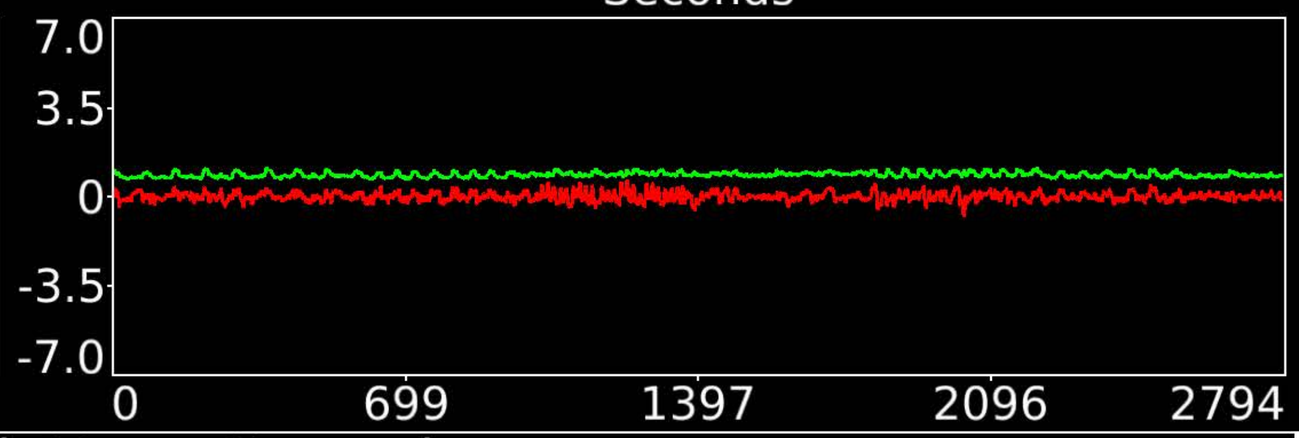


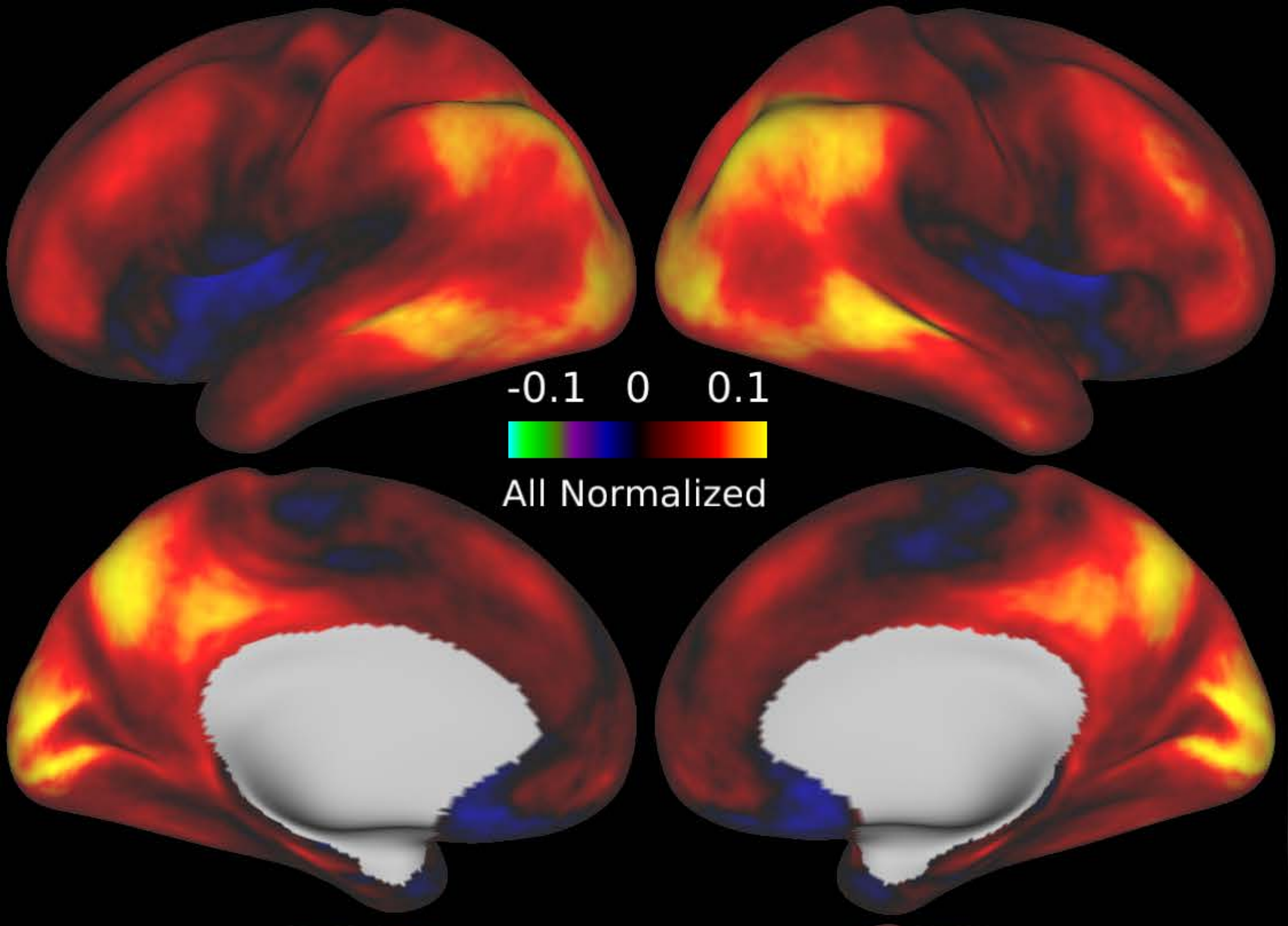
Seconds

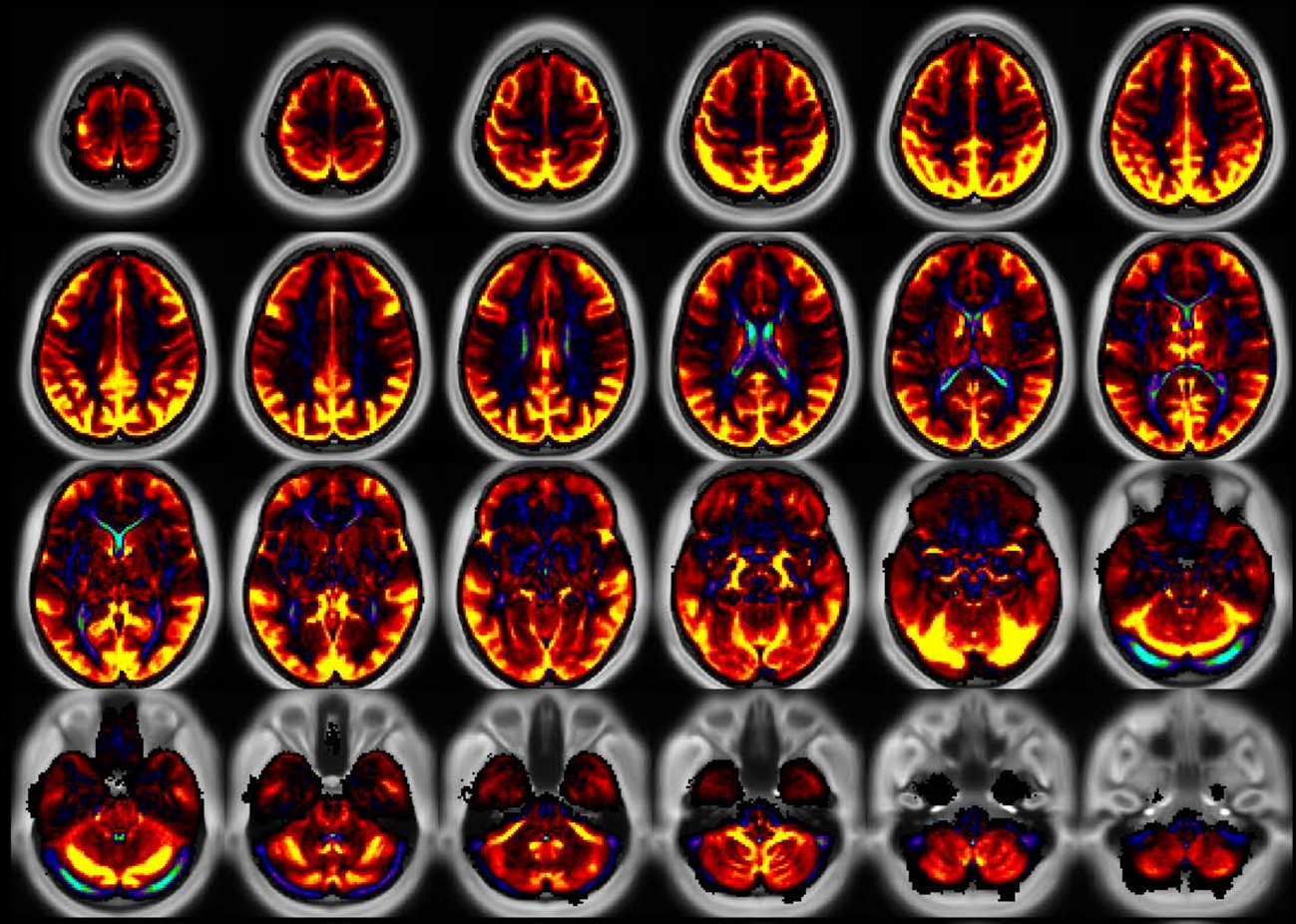


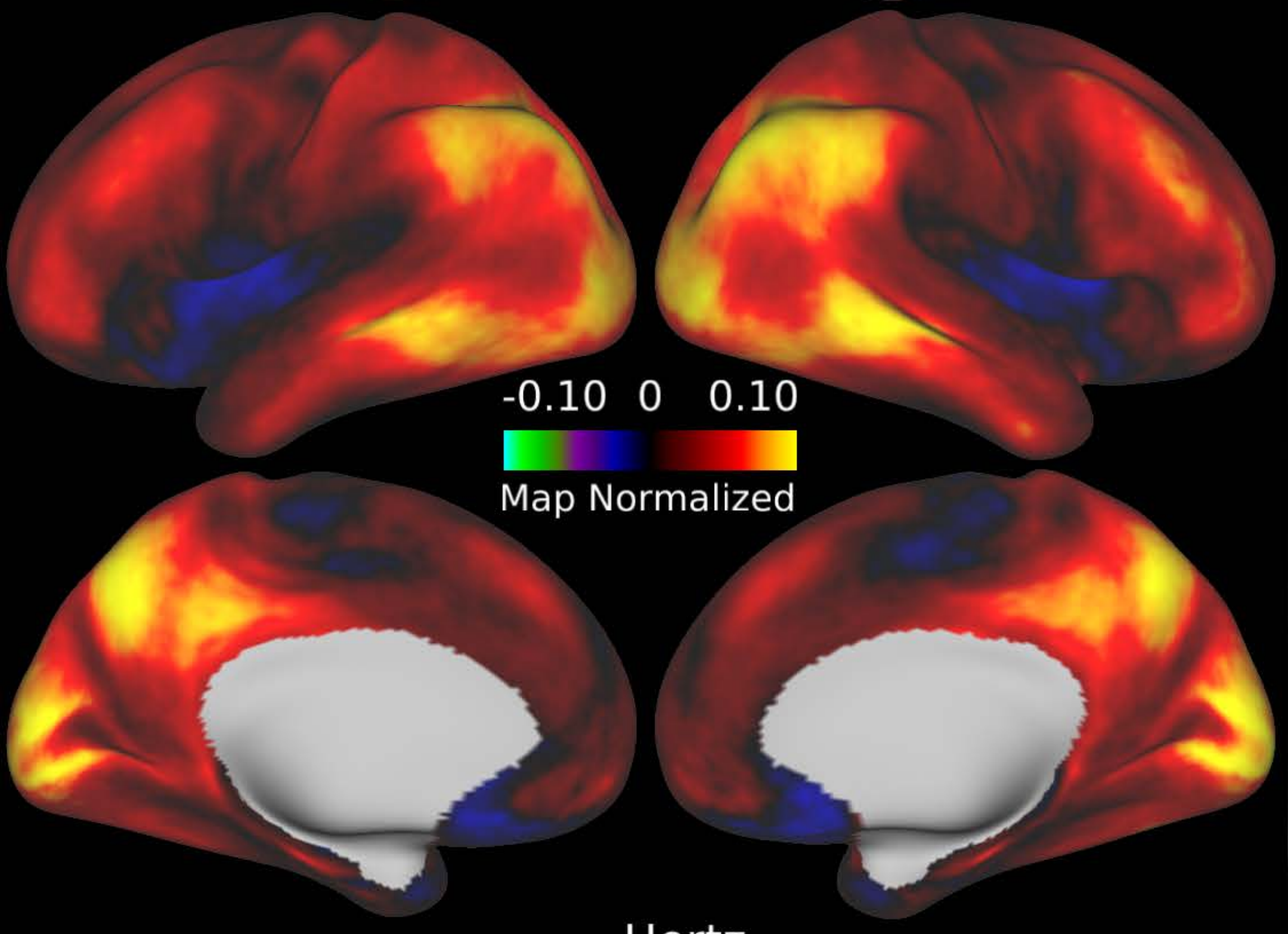


Number & Class: 29 Signal	Name: Eye + Trunk Motor Network	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.28	Globality Index: 0.55
Rest Component: 39	Taskr Component: 28	Task Modulated: No

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







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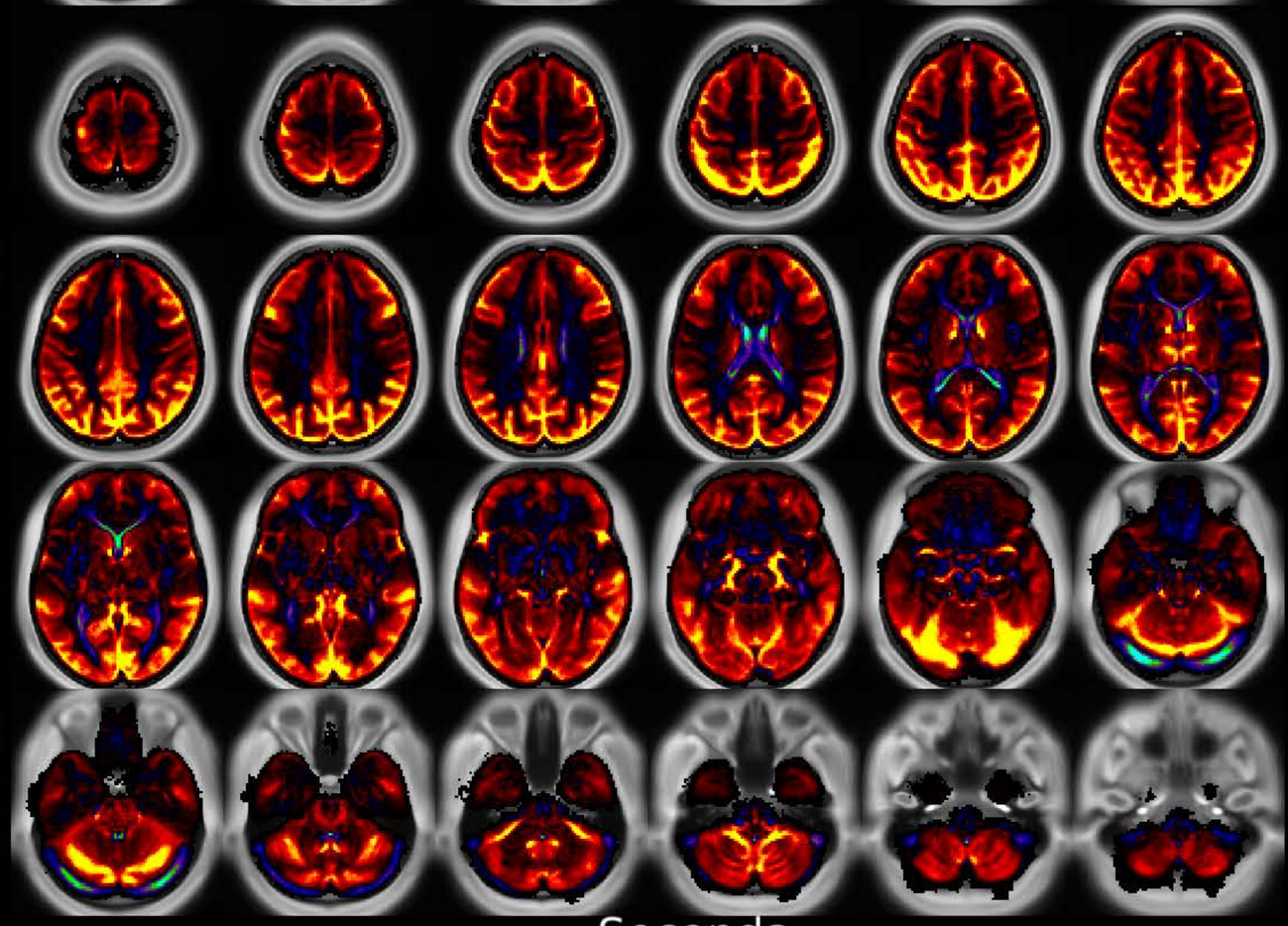
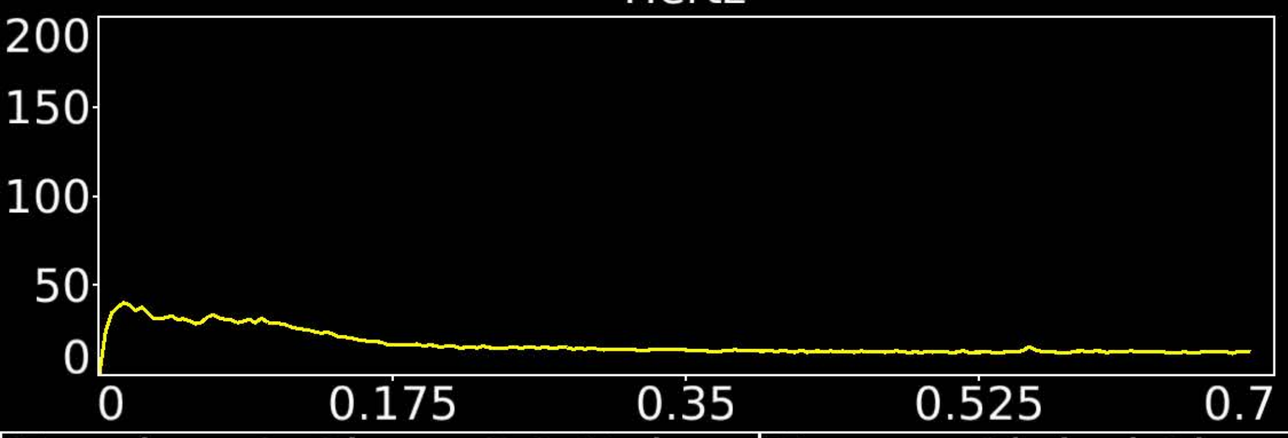
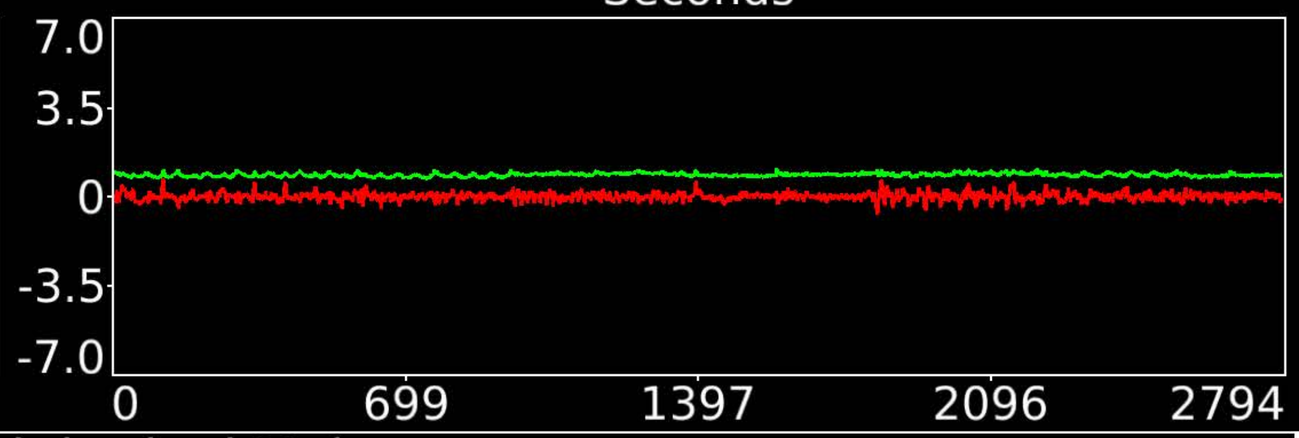


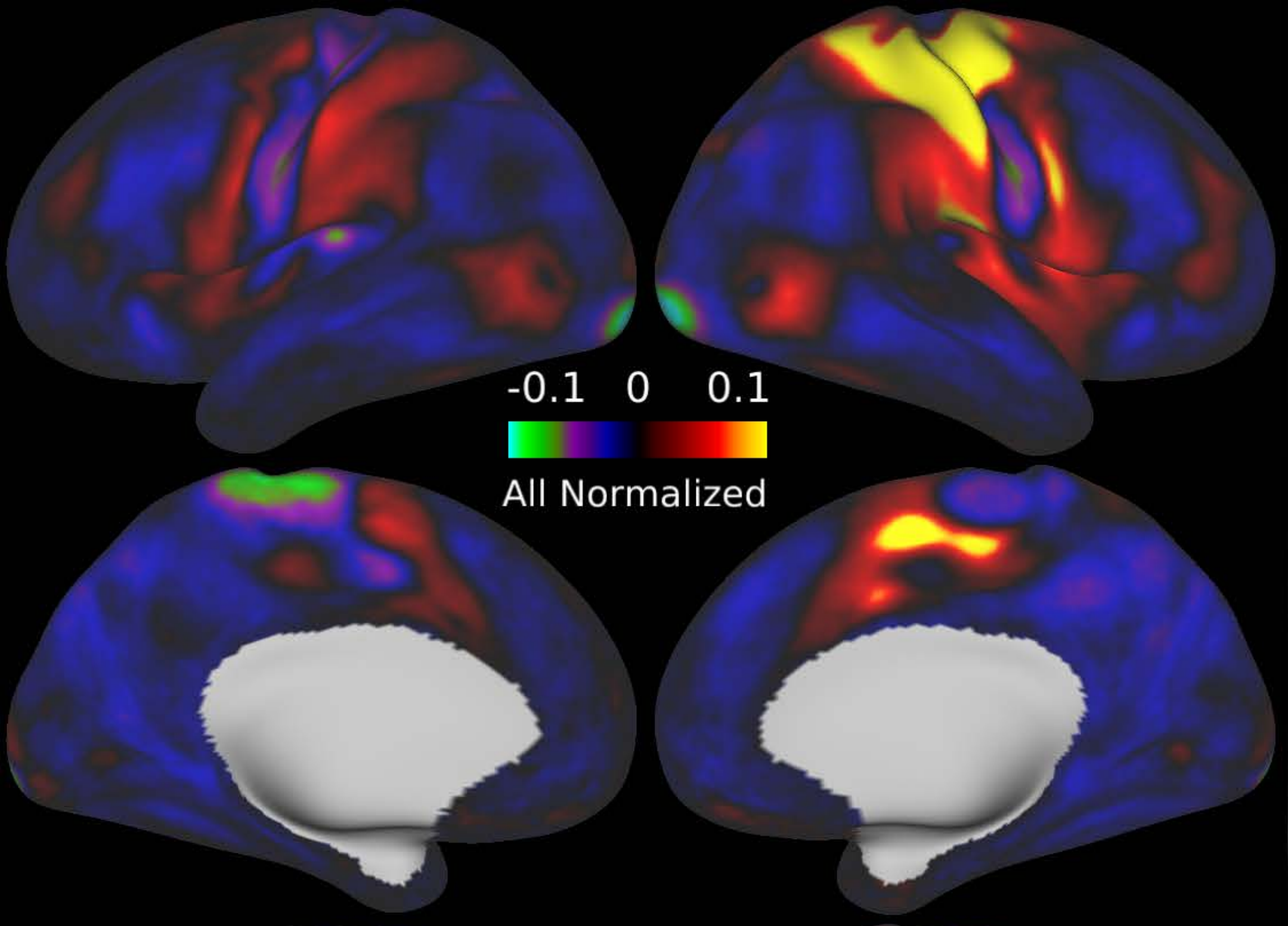
Seconds

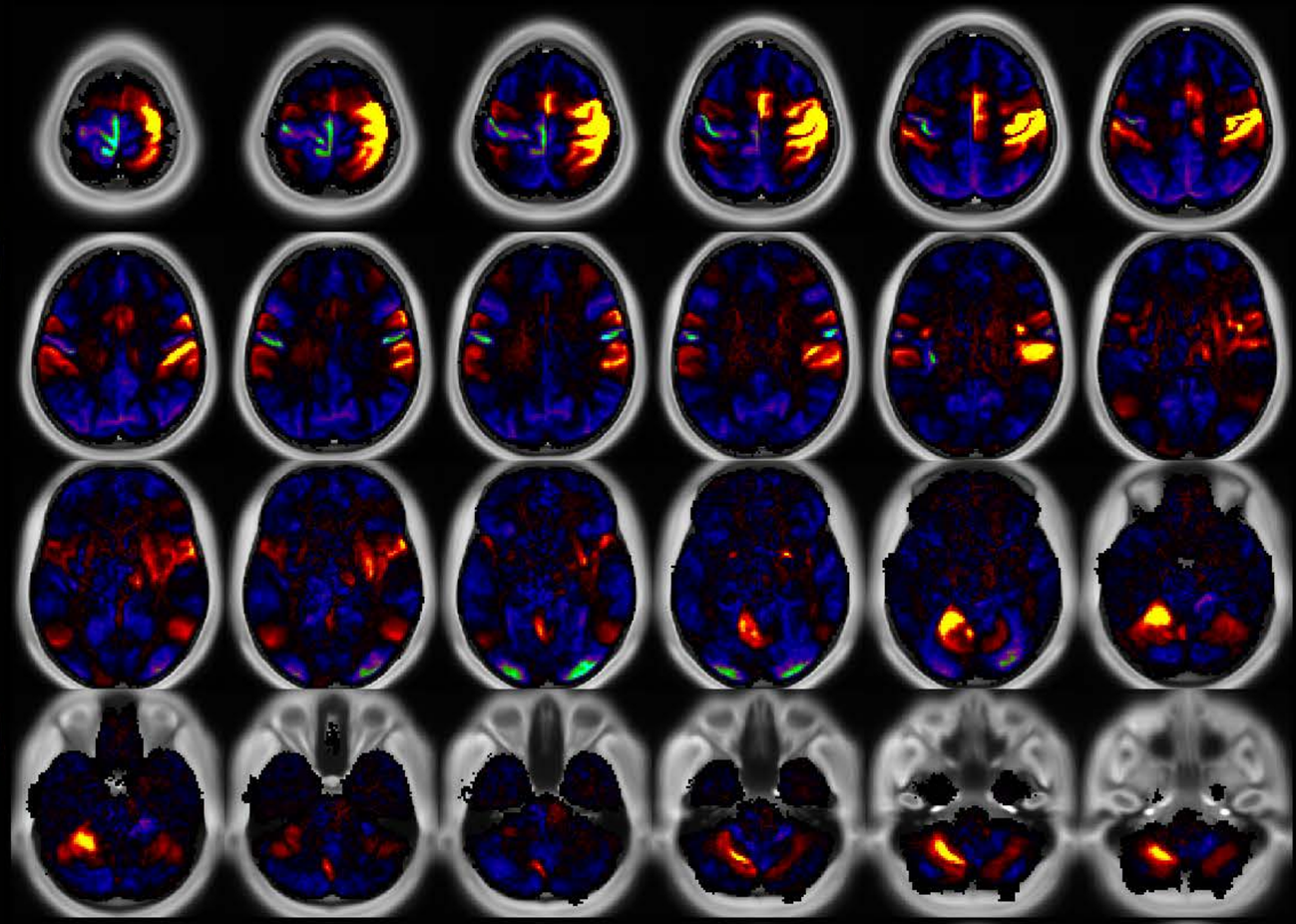


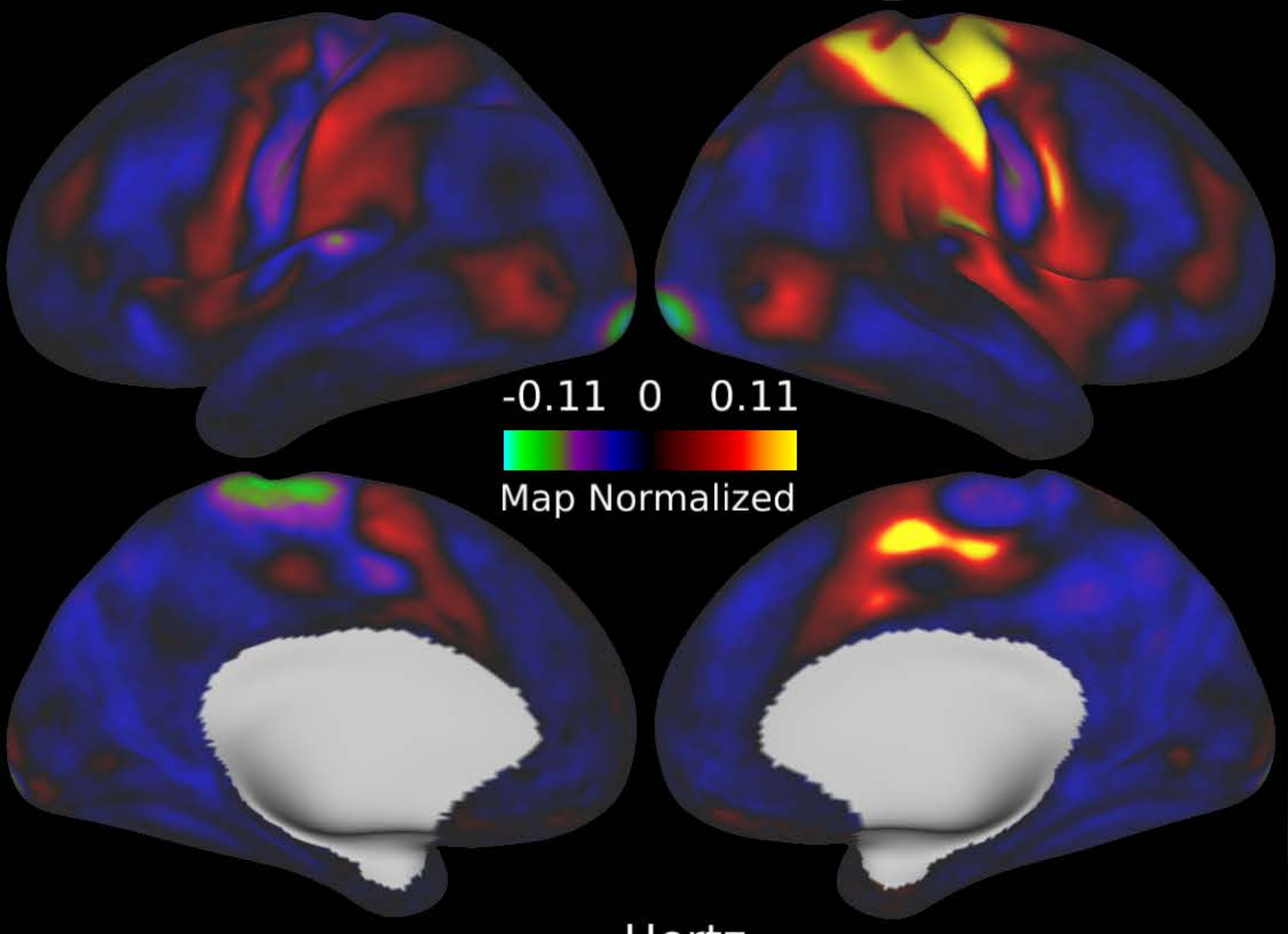


Number & Class: 30 Noise	Name: Global Physiological Noise	
RVT Correlated: Yes	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: Yes	% Variance Explained: 1.24	Globality Index: 2.98
Rest Component: No	Taskr Component: 31	Task Modulated: No

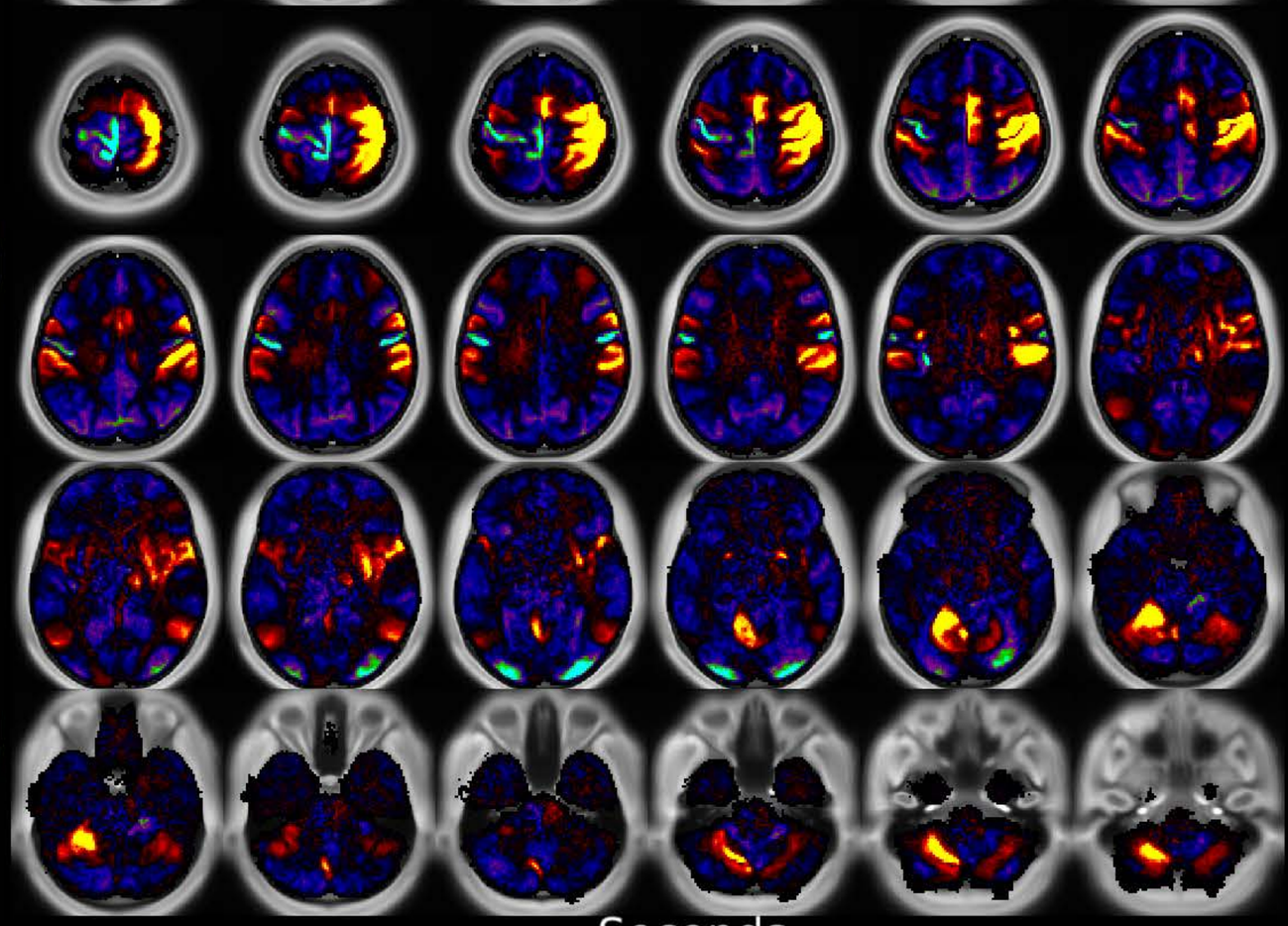
Rationale: Globally positive component that is DVARS dips and RVT correlated and does not reflect known RSNs or areal boundaries



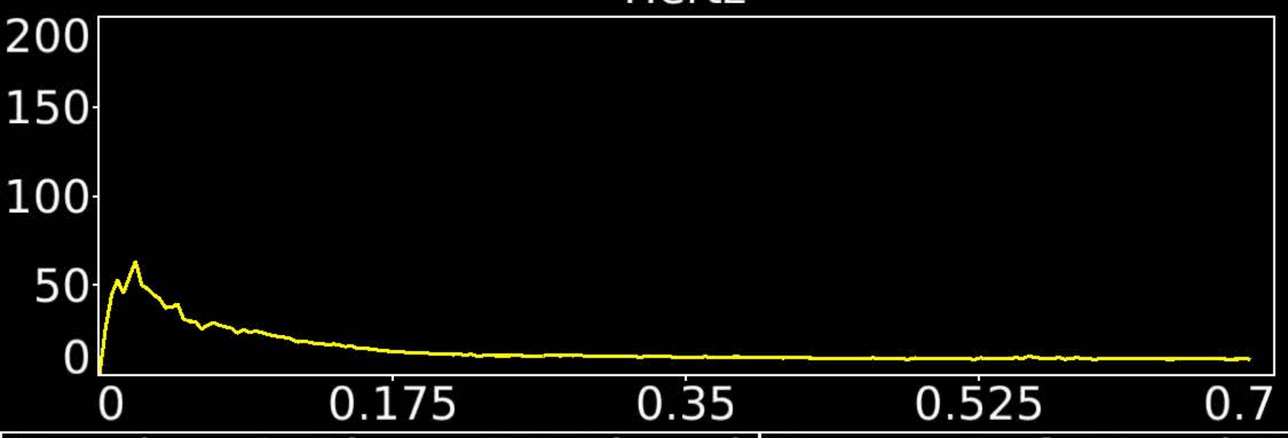


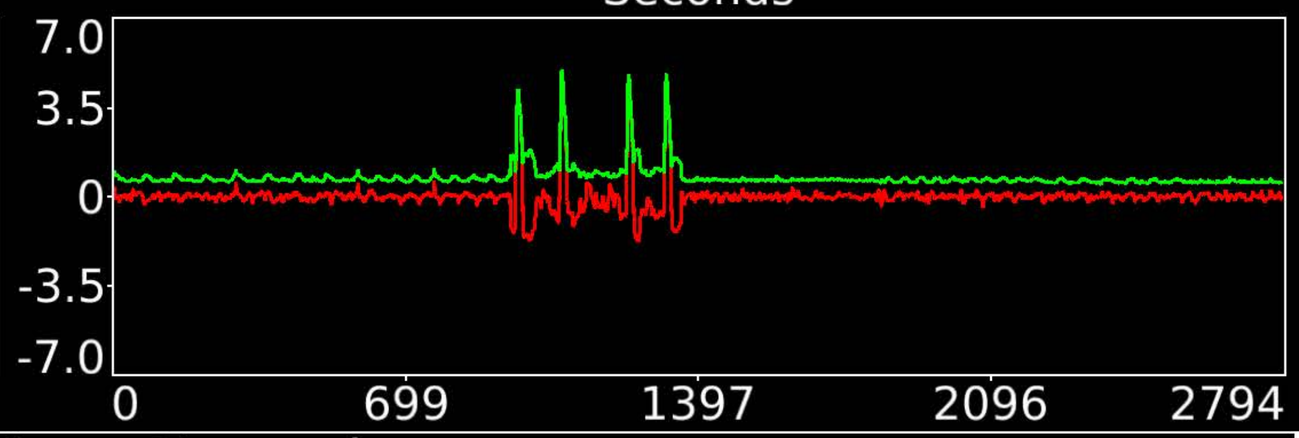


Hertz



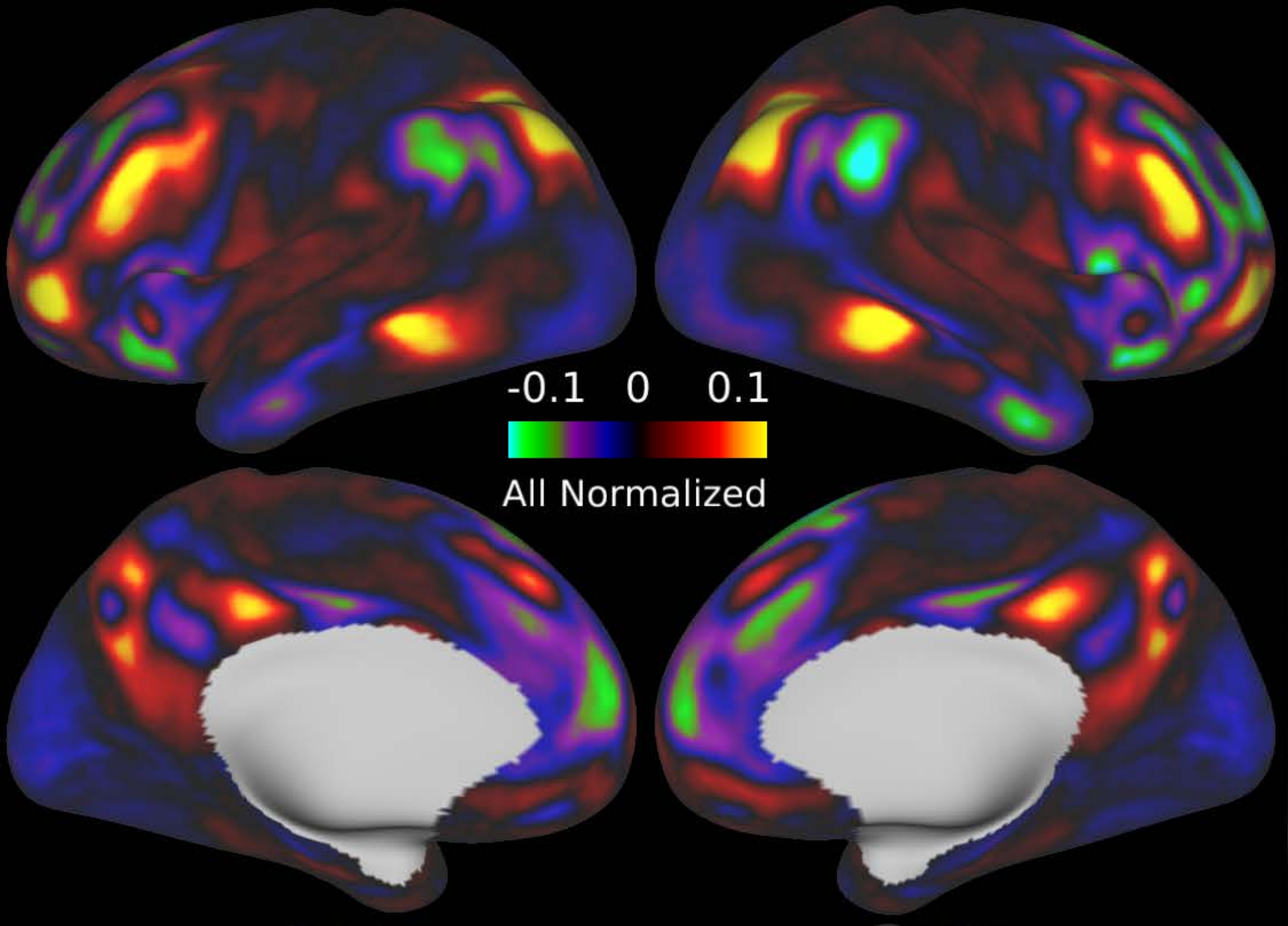
Seconds

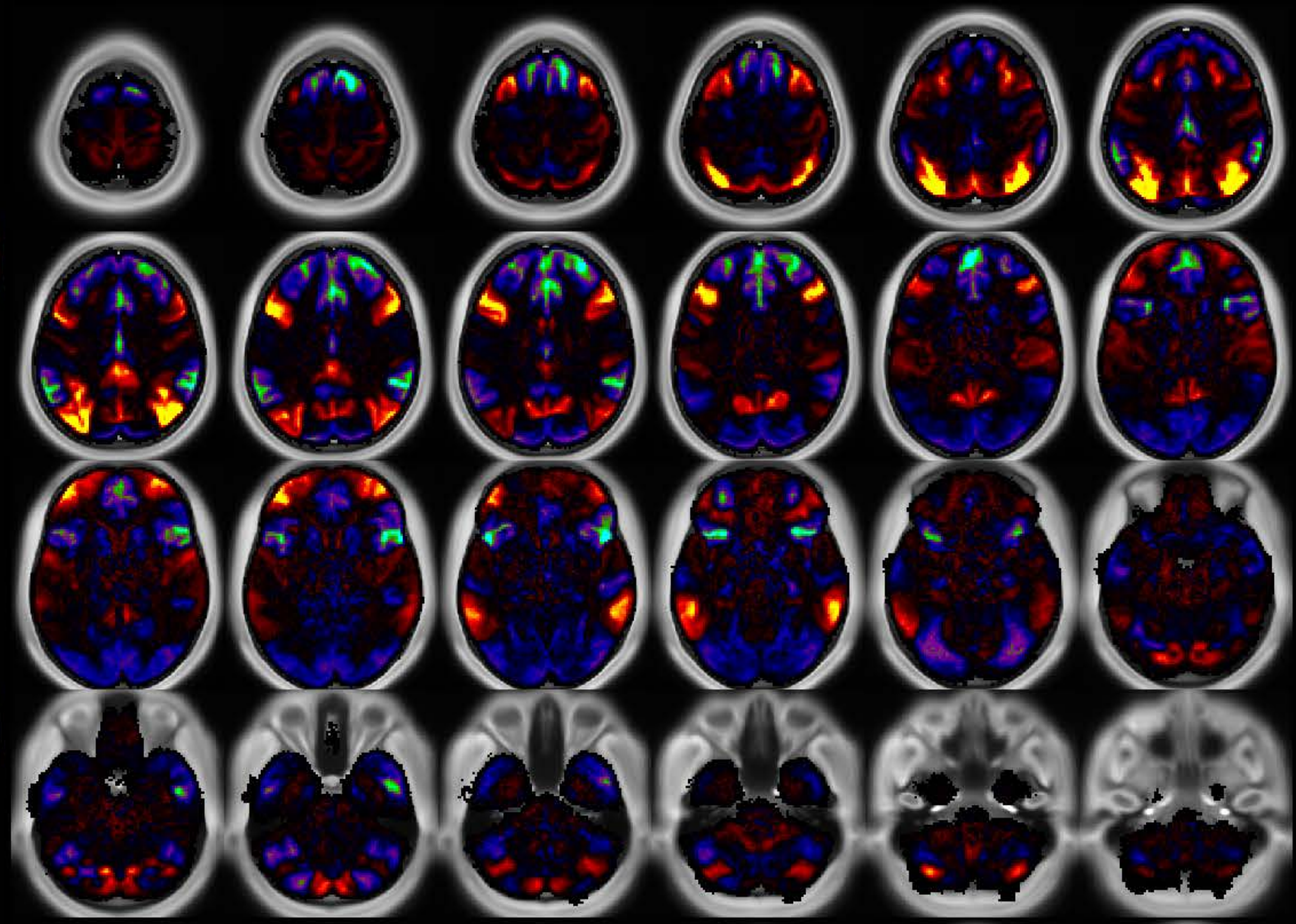


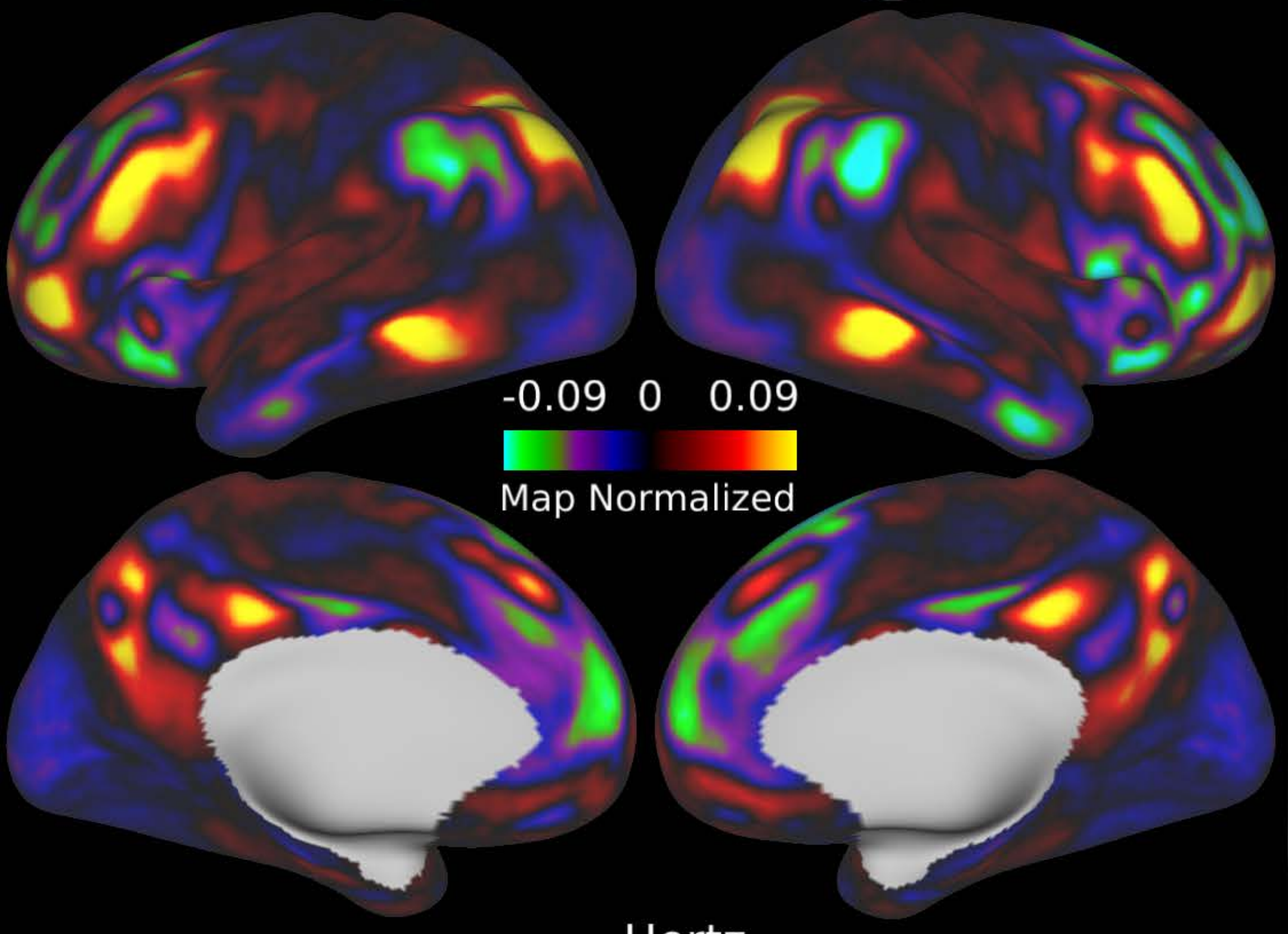


Number & Class: 31 Signal	Name: Left Hand Motor Network	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 1.25	Globality Index: 0.9
Rest Component: 40	Taskr Component: 26	Task Modulated: Motor

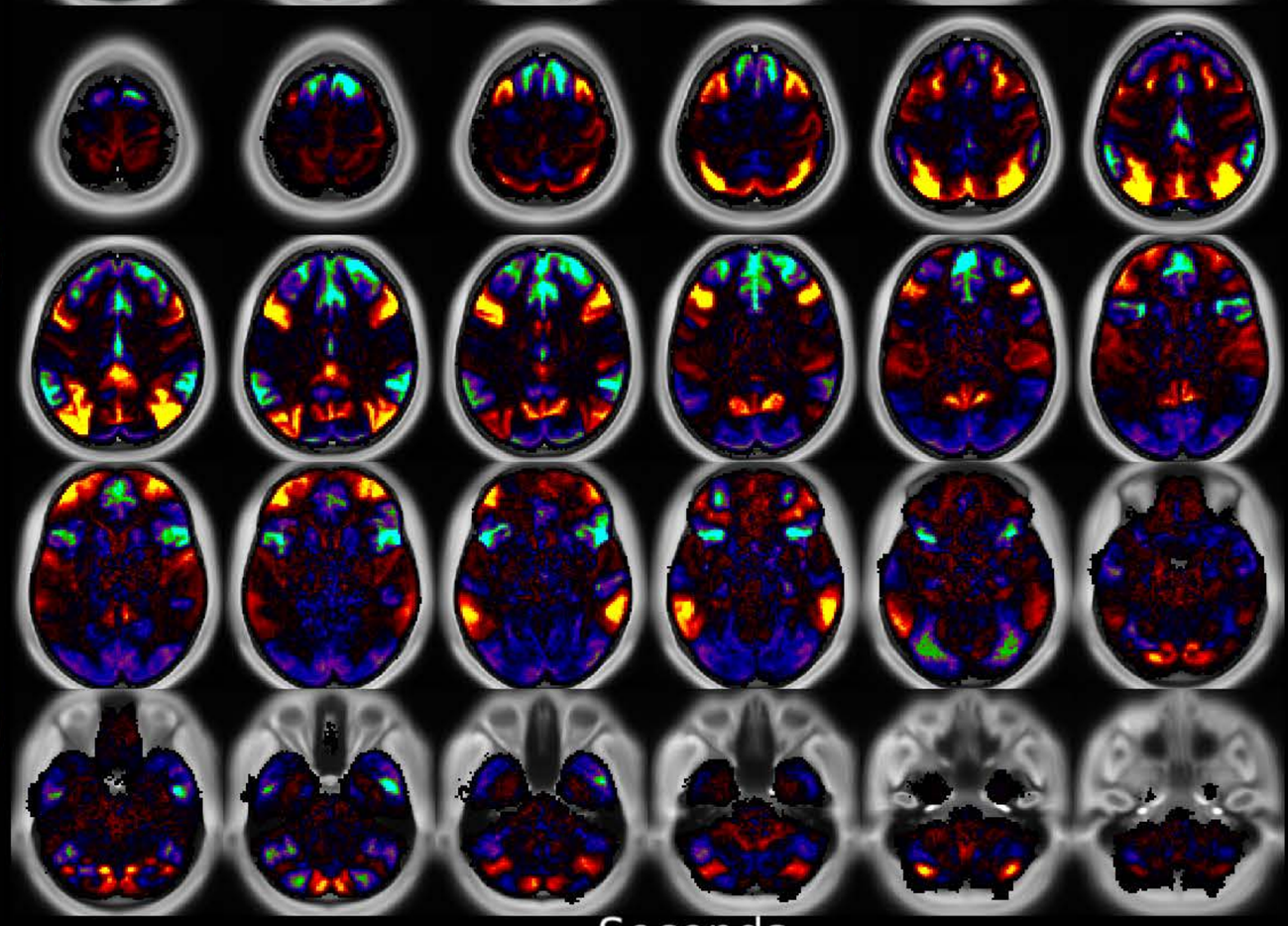
Rationale: Spatial map includes positive and negative patches that respect known somatotopic sensori-motor organization (Left Hand)



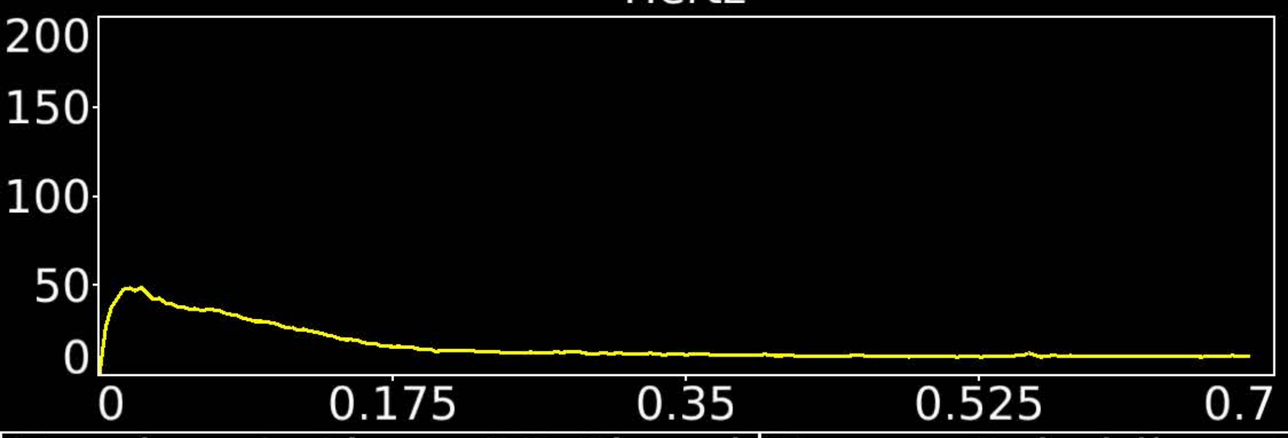


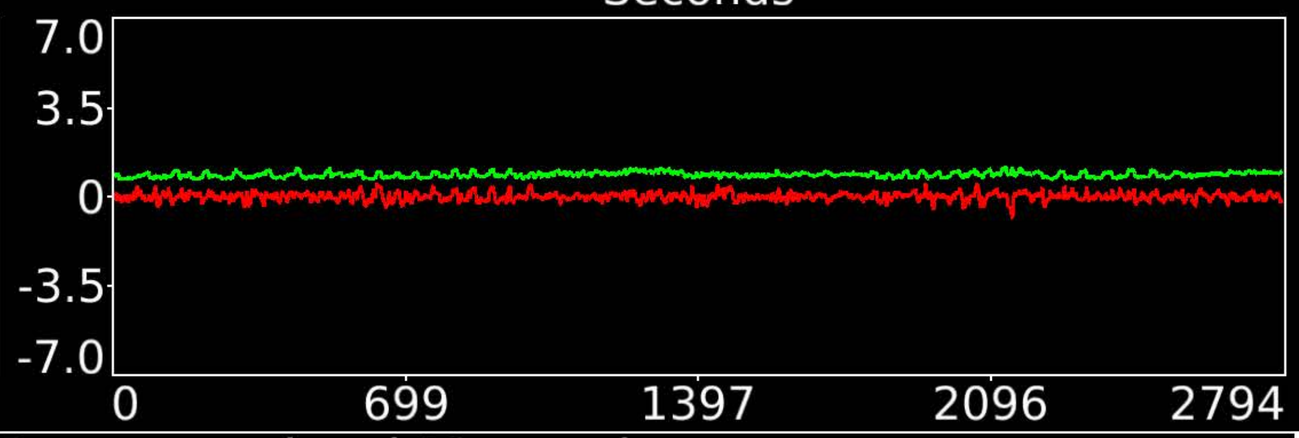


Hertz



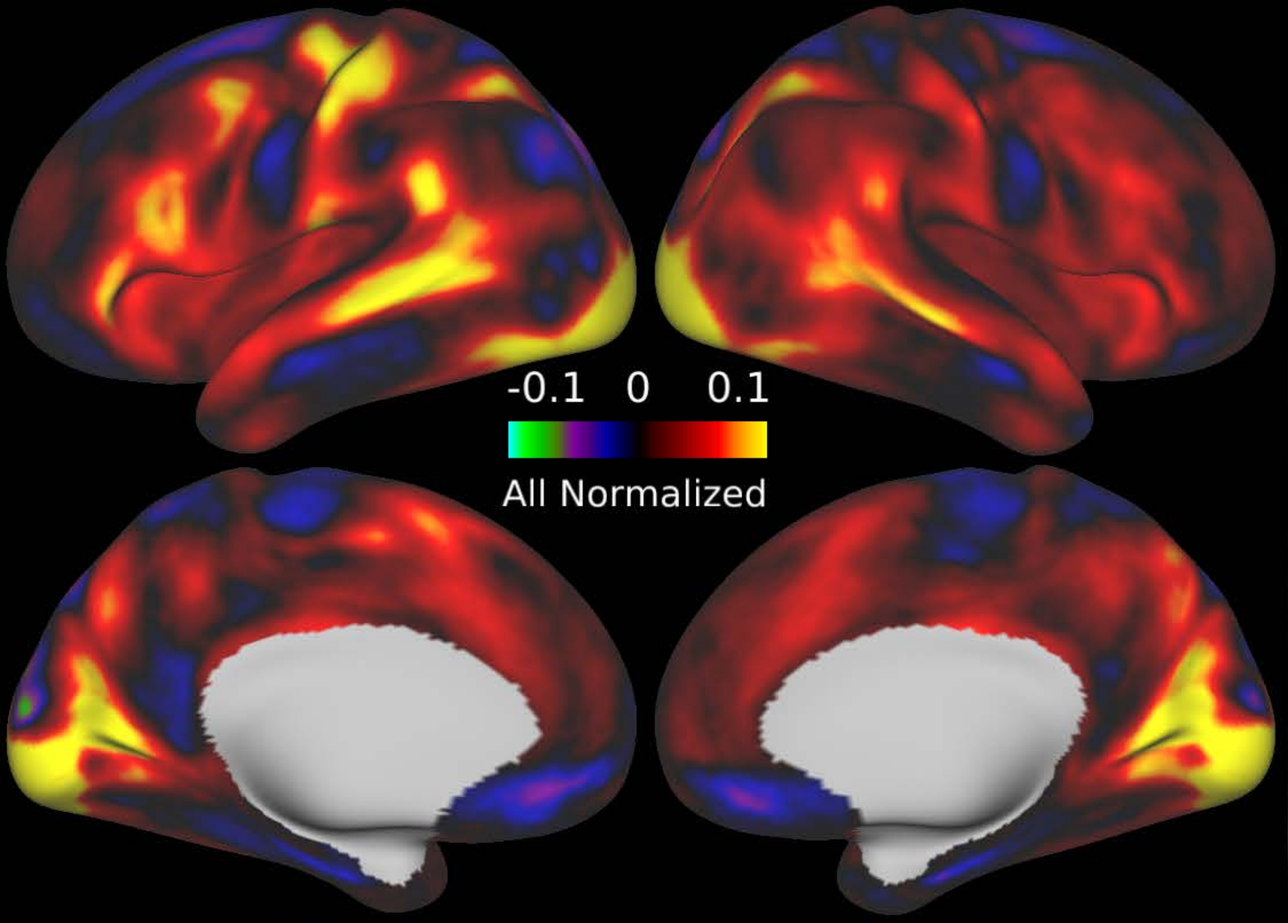
Seconds

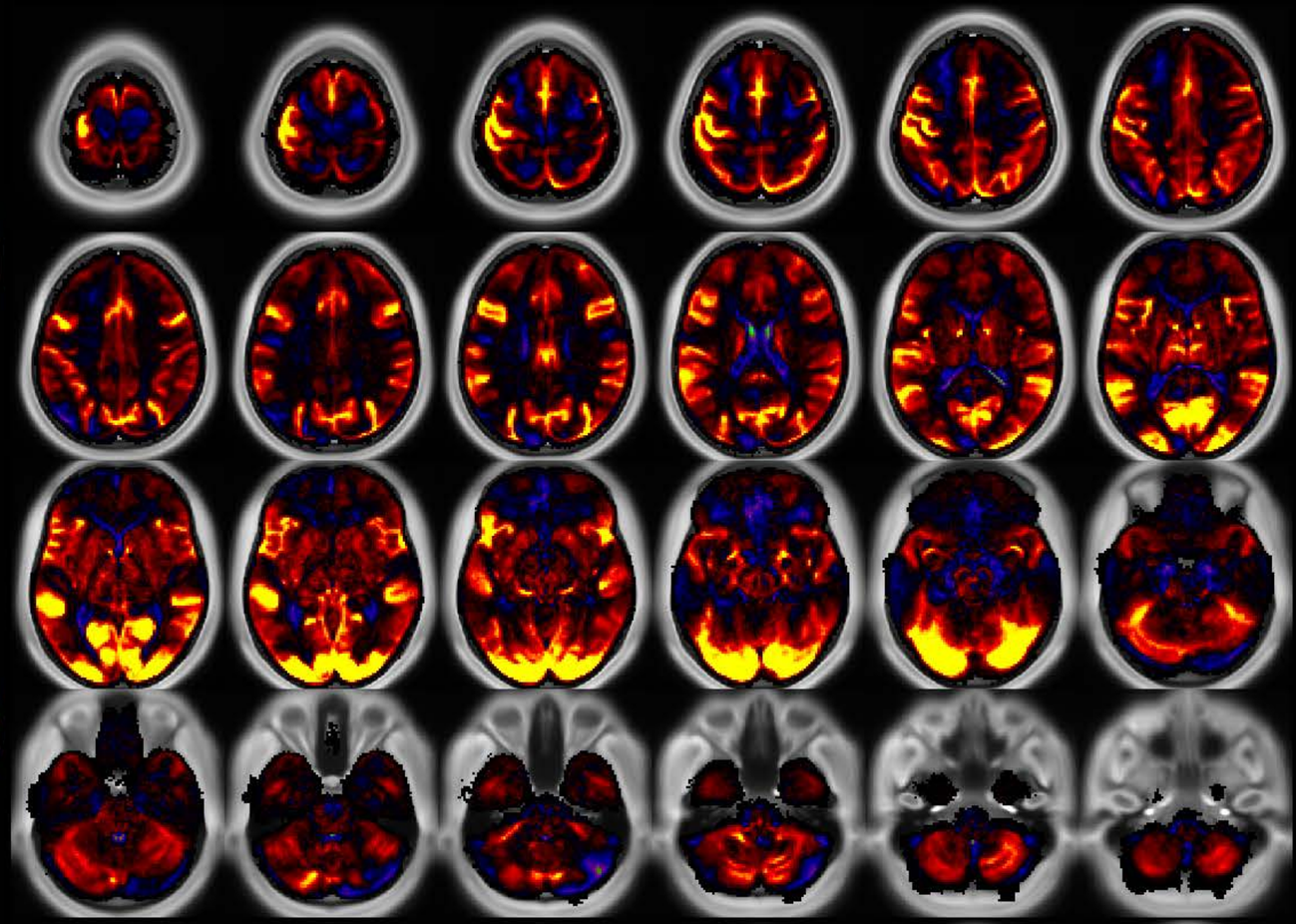


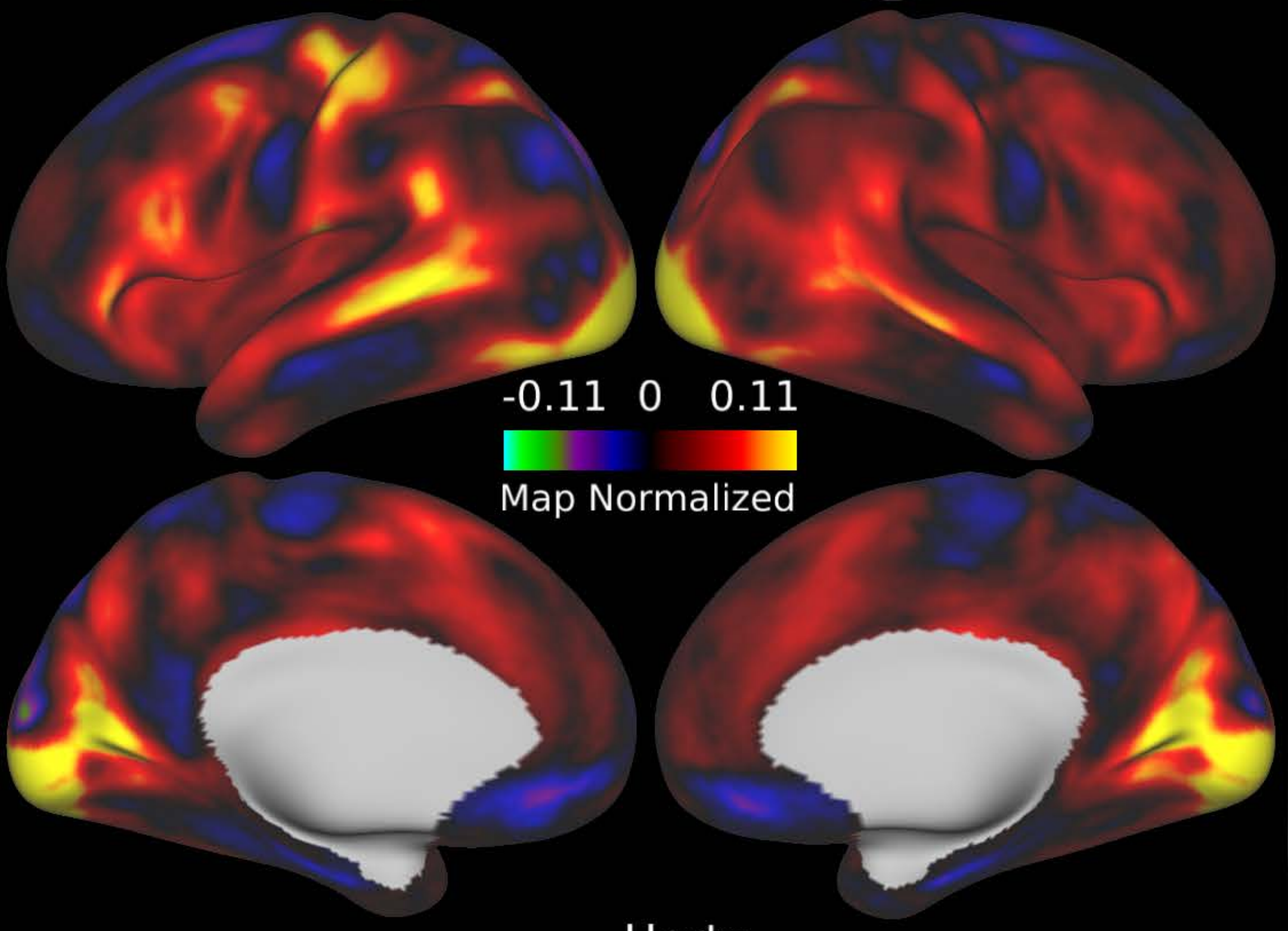


Number & Class: 32 Signal	Name: Subsidiary Fronto-parietal Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.25	Globality Index: 0.11
Rest Component: No	Taskr Component: No	Task Modulated: No

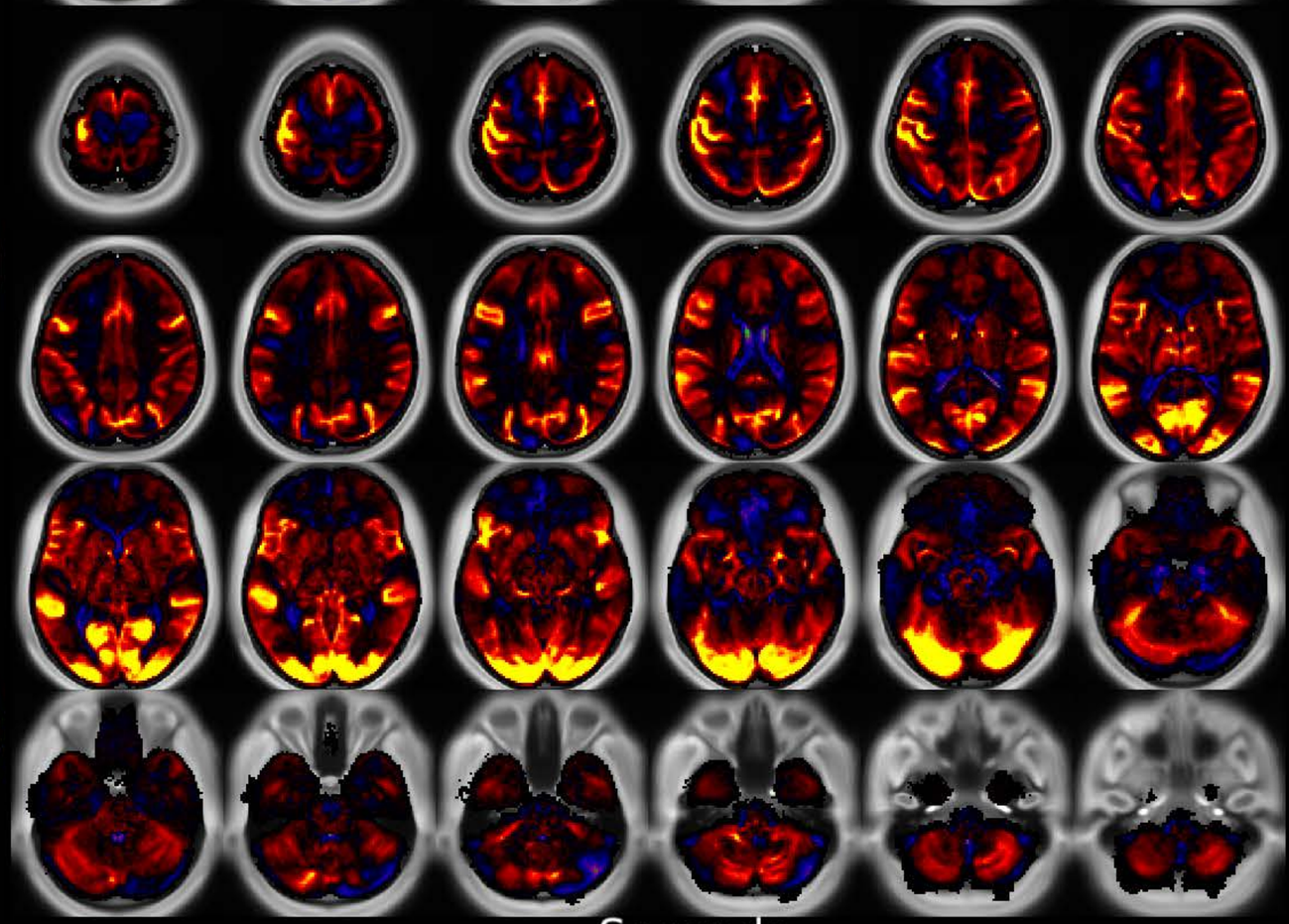
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Fronto-Parietal Network)



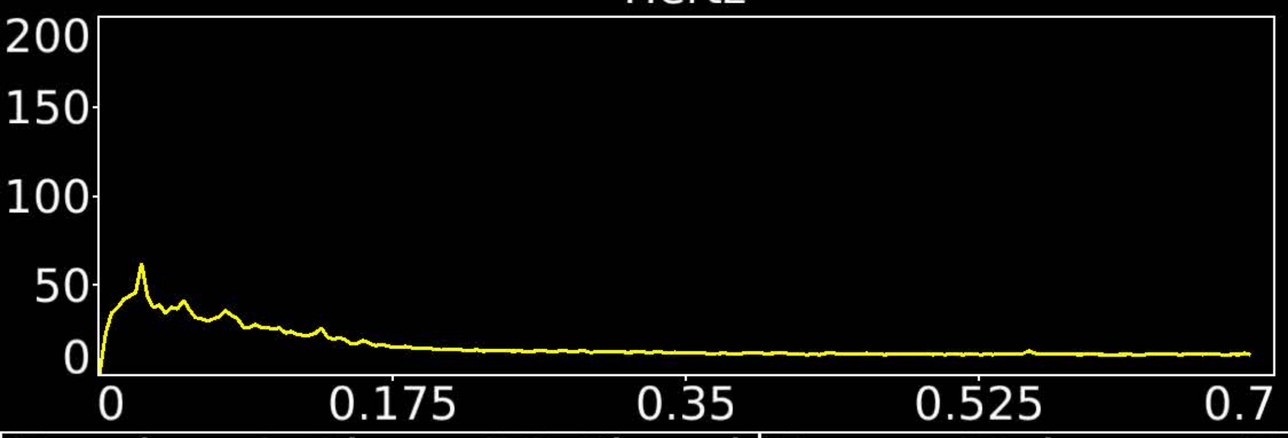


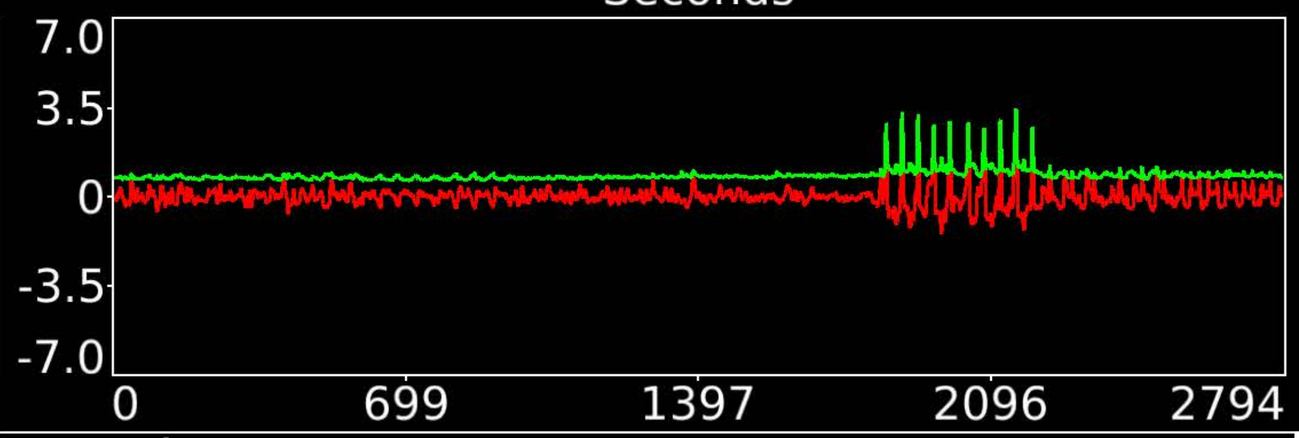


Hertz



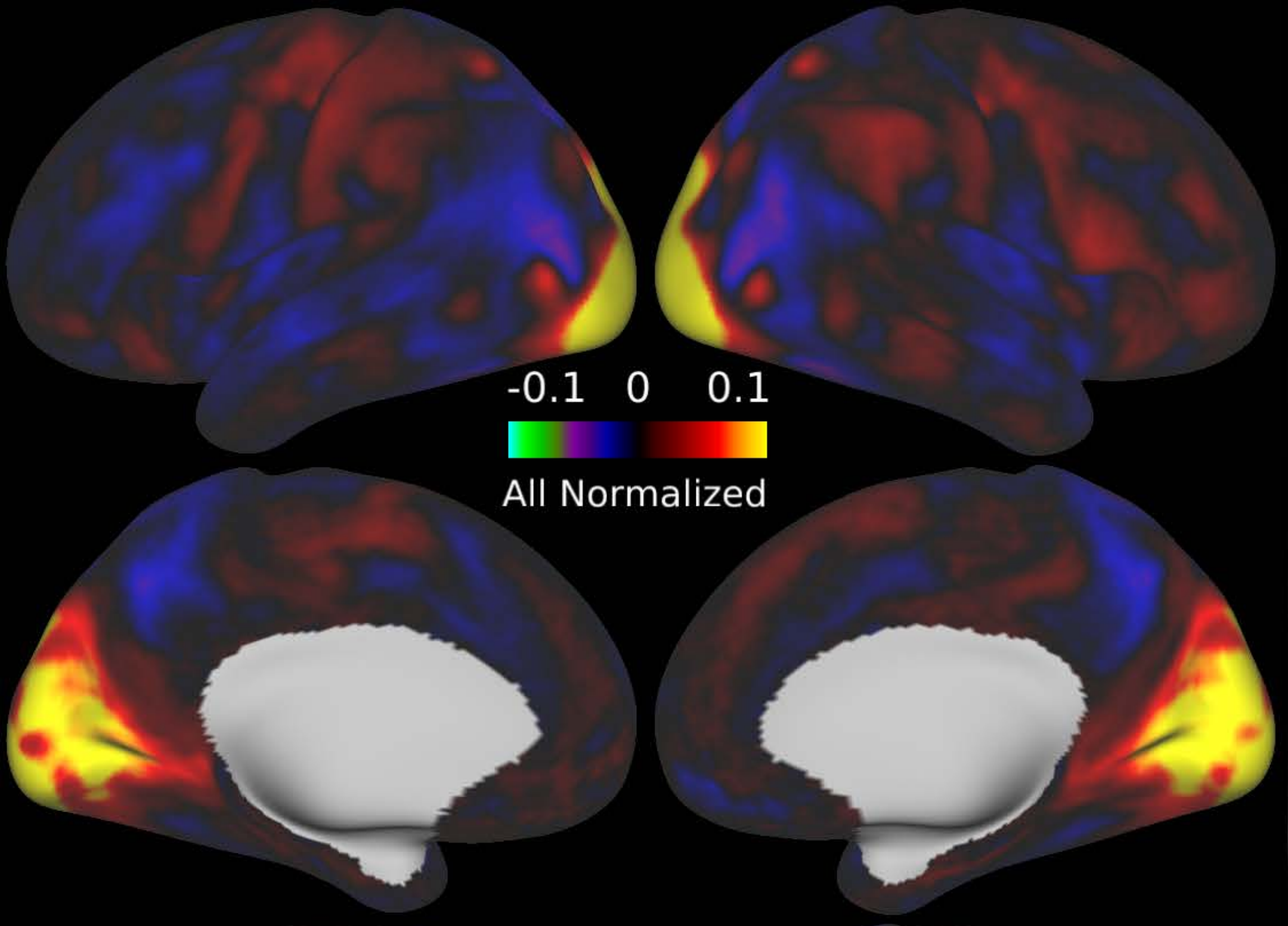
Seconds

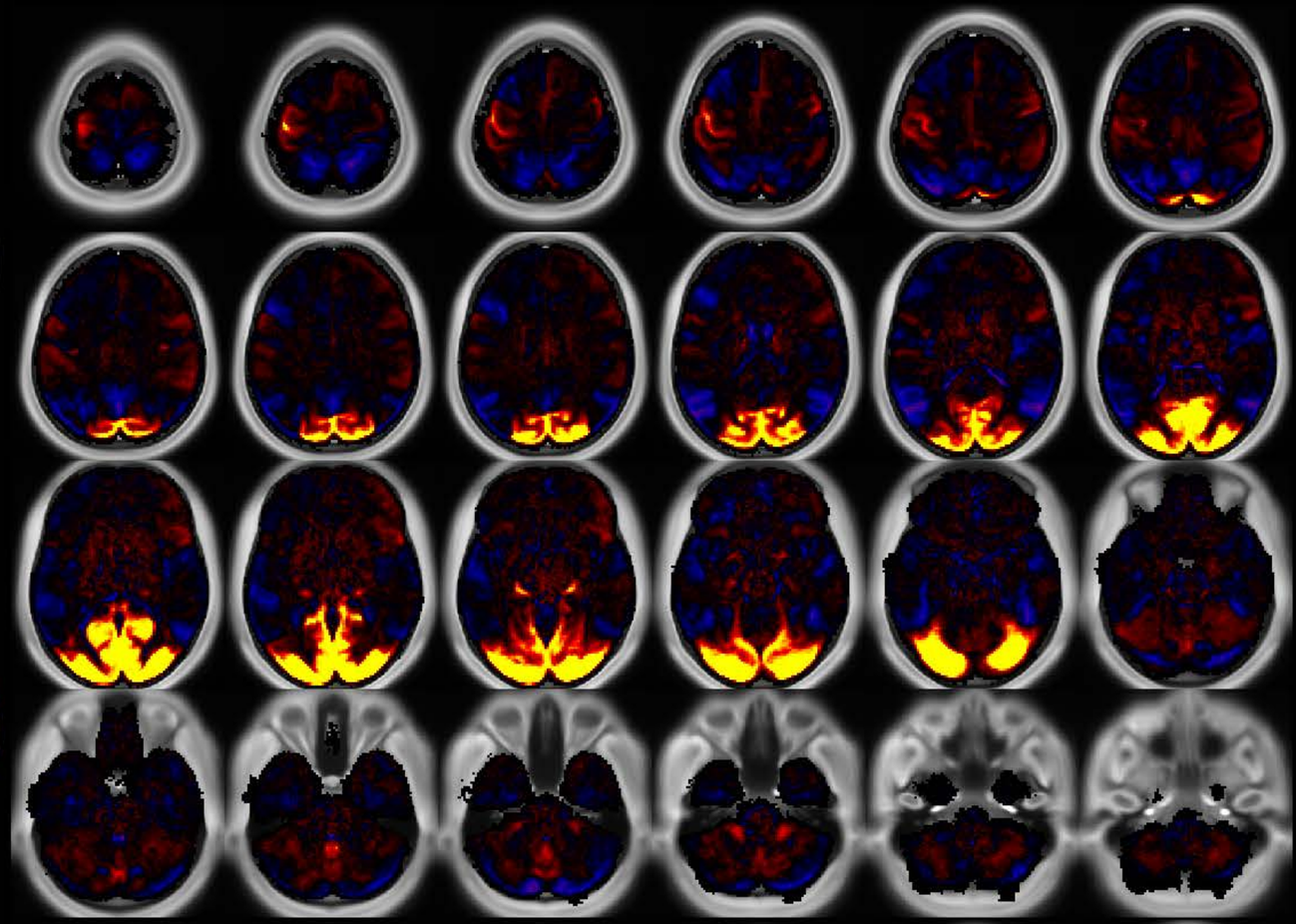


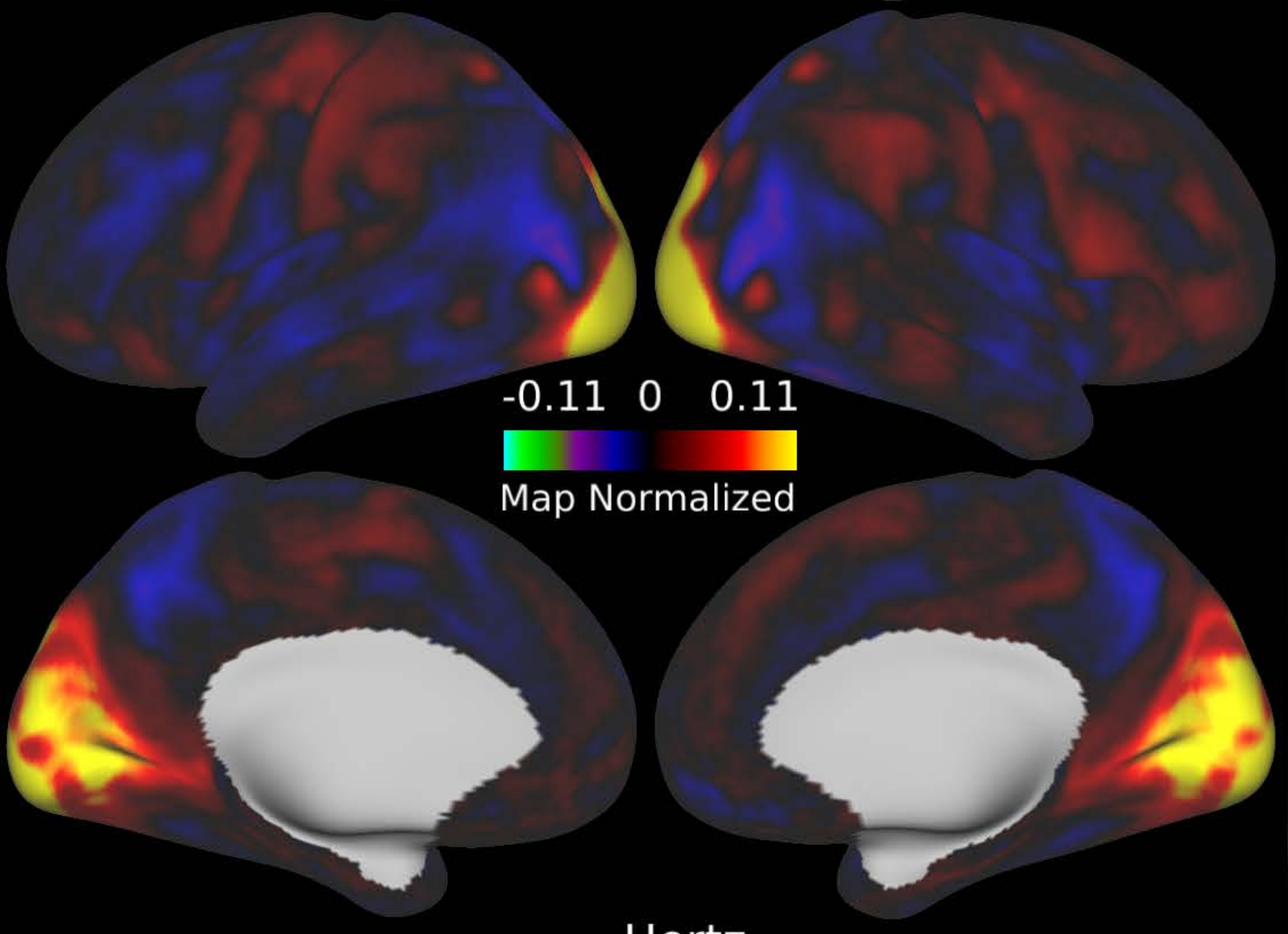


Number & Class: 33 Signal	Name: Unknown Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.24	Globality Index: 2.19
Rest Component: No	Taskr Component: No	Task Modulated: Social

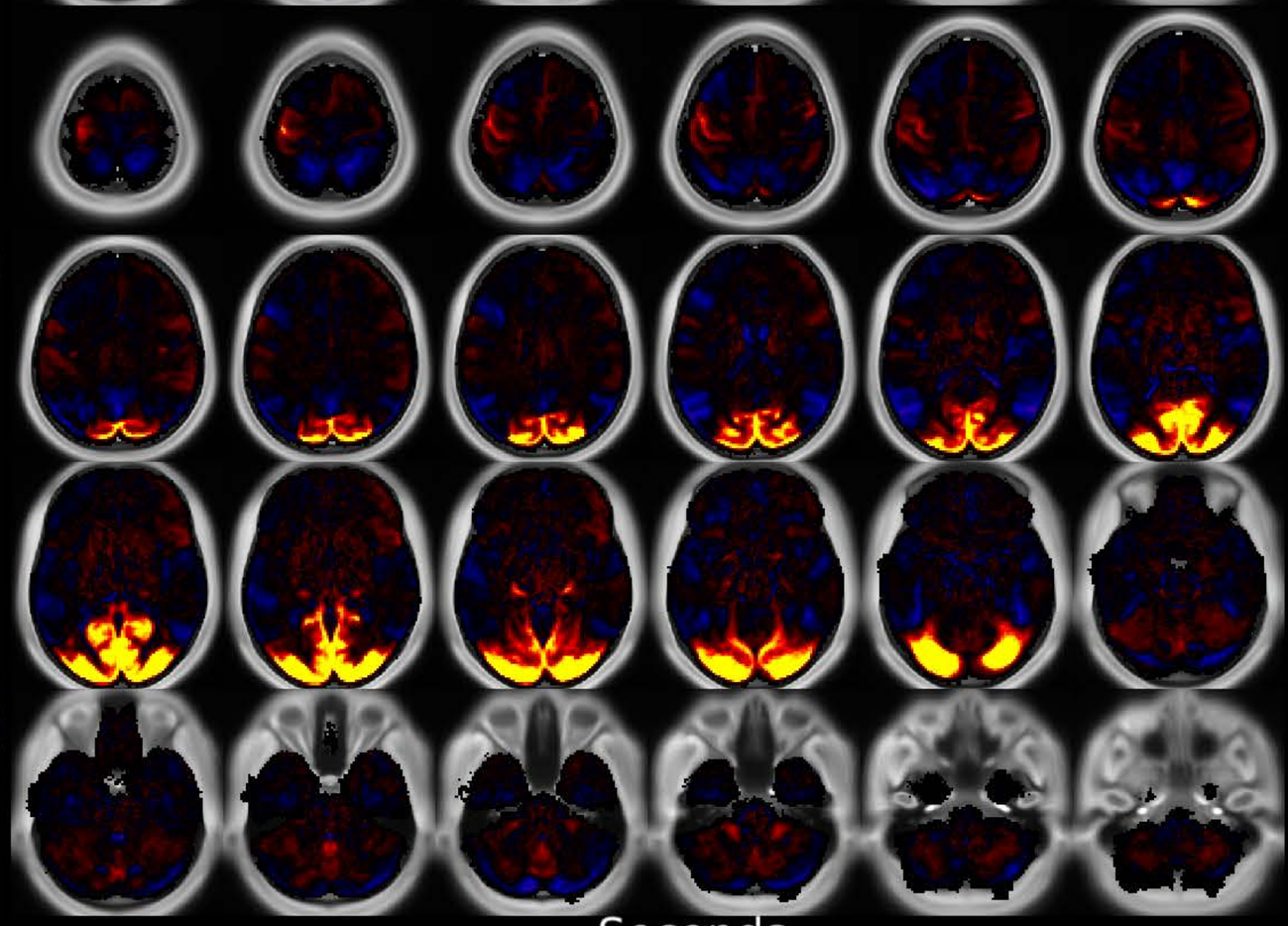
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design



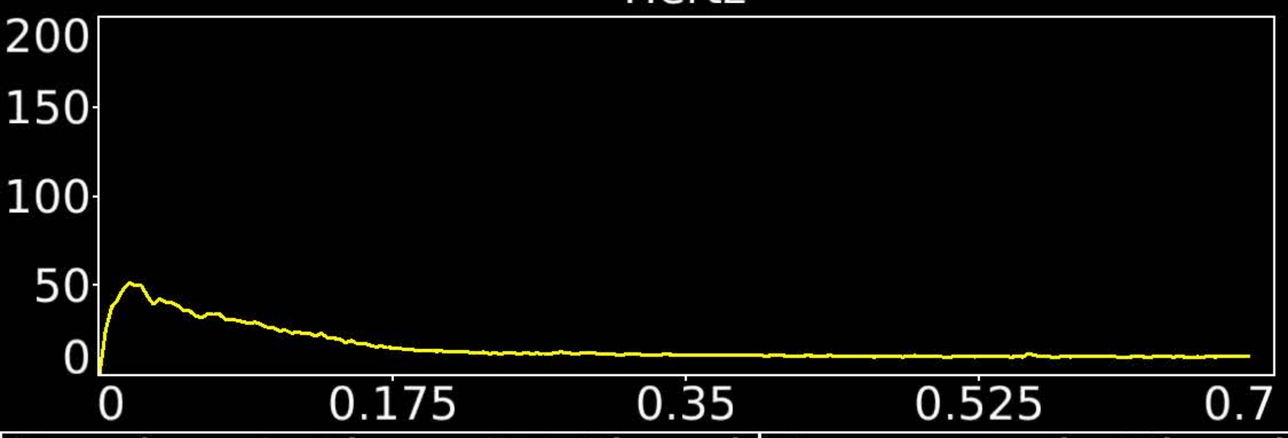


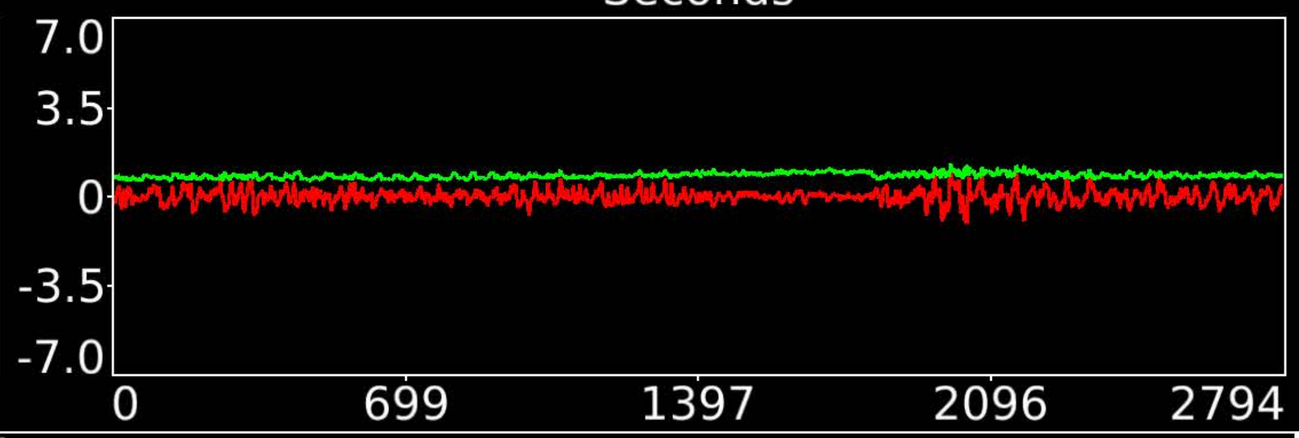


Hertz



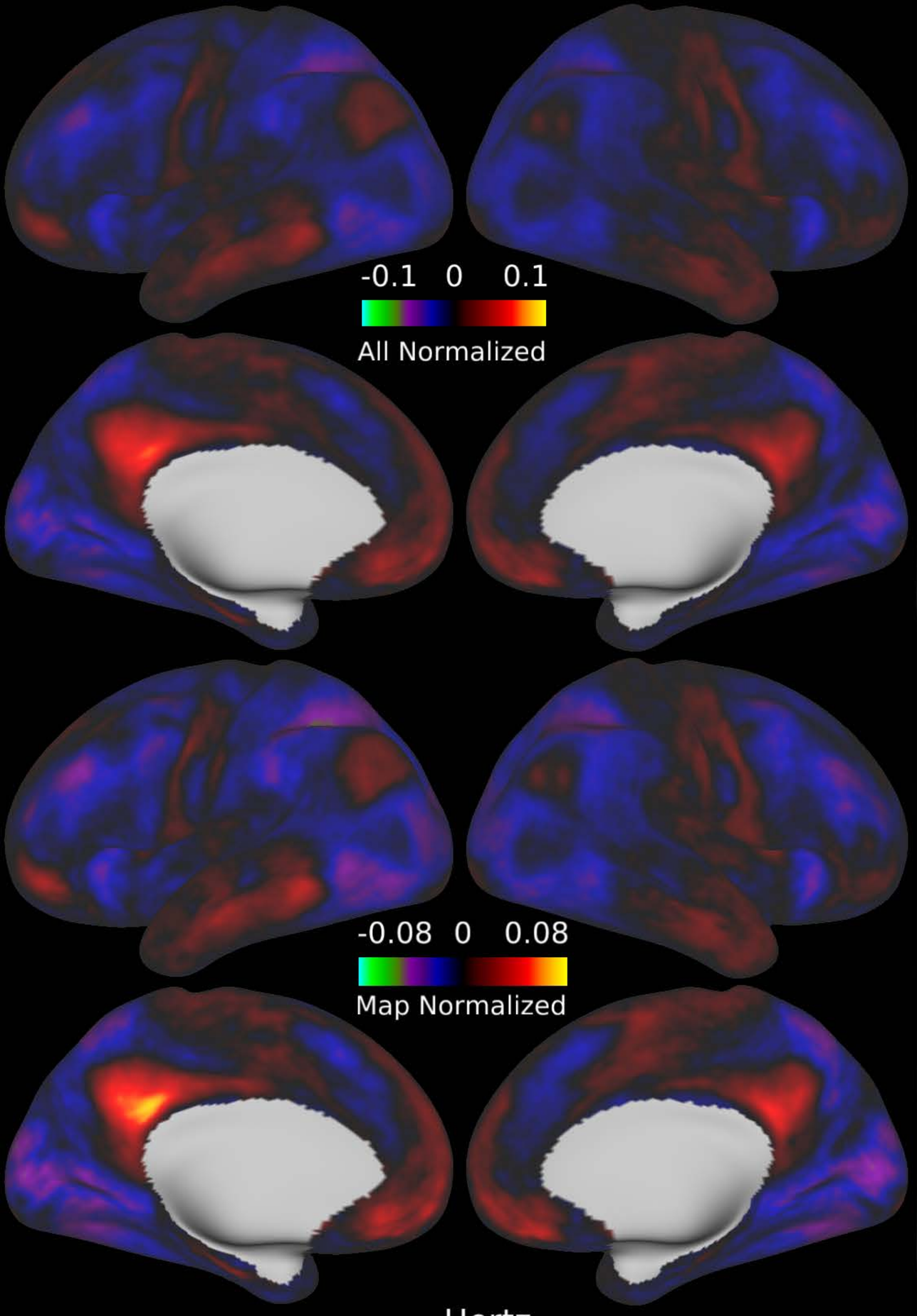
Seconds

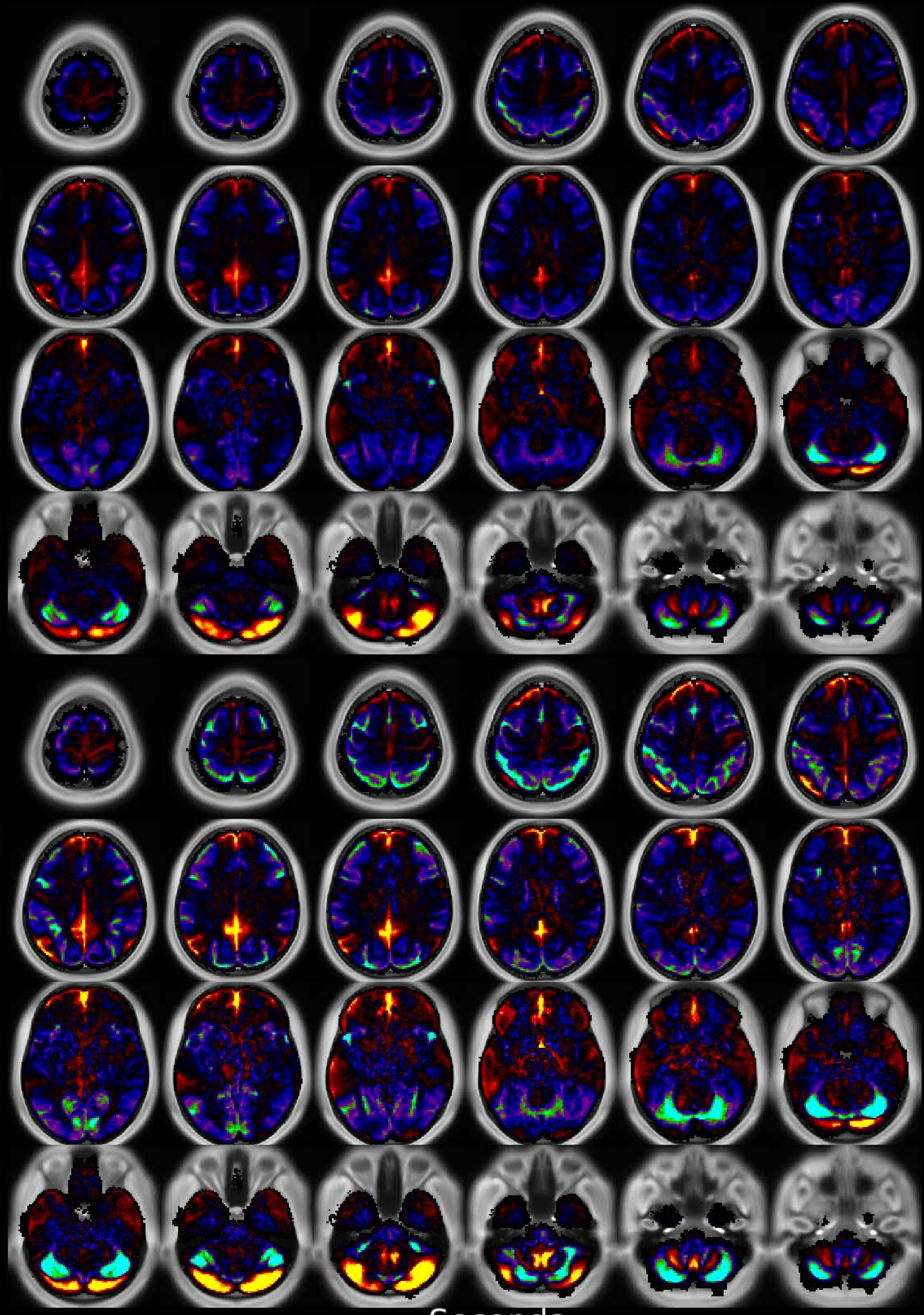


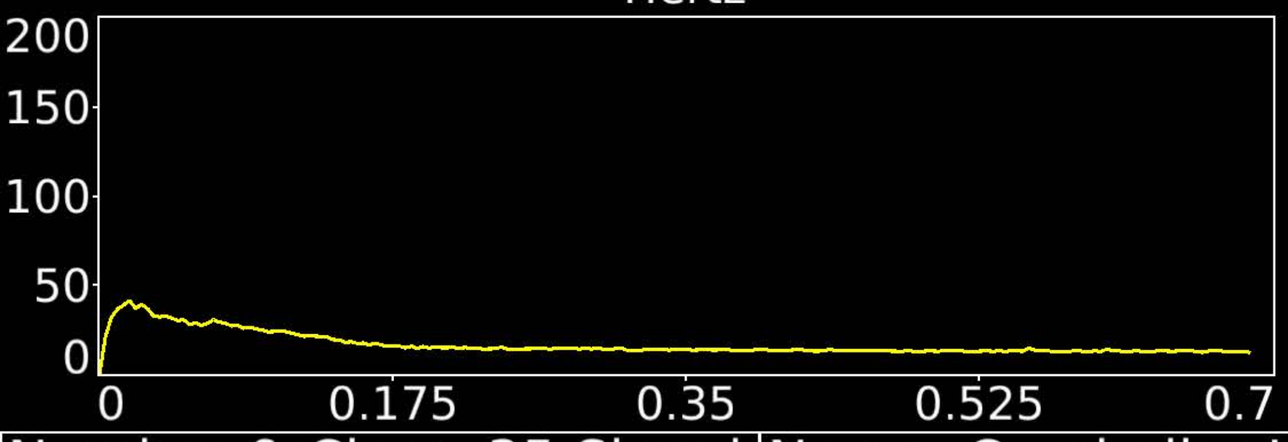


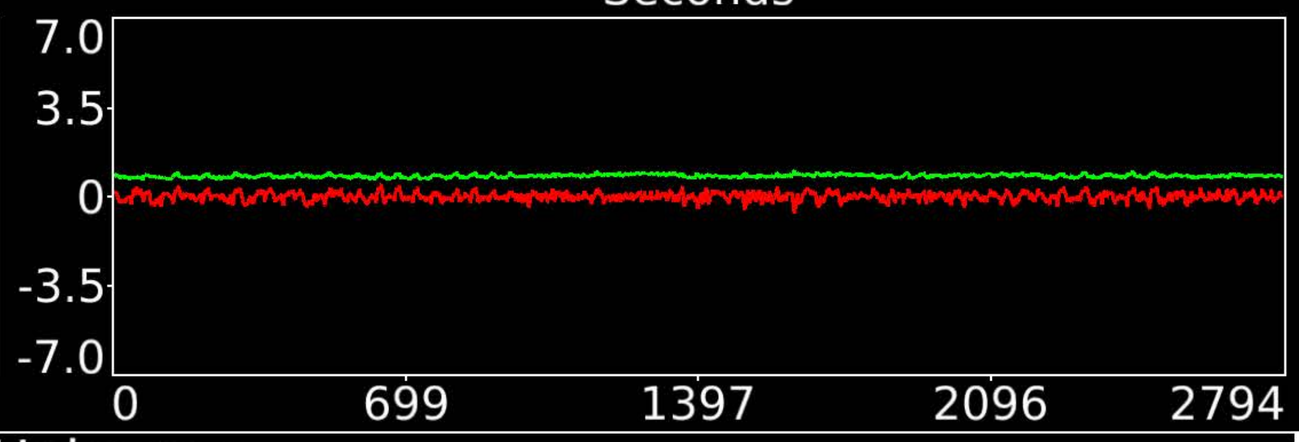
Number & Class: 34 Signal	Name: Early Visual	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.18	Globality Index: 0.64
Rest Component: 41	Taskr Component: 15	Task Modulated: No

Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Early Visual)

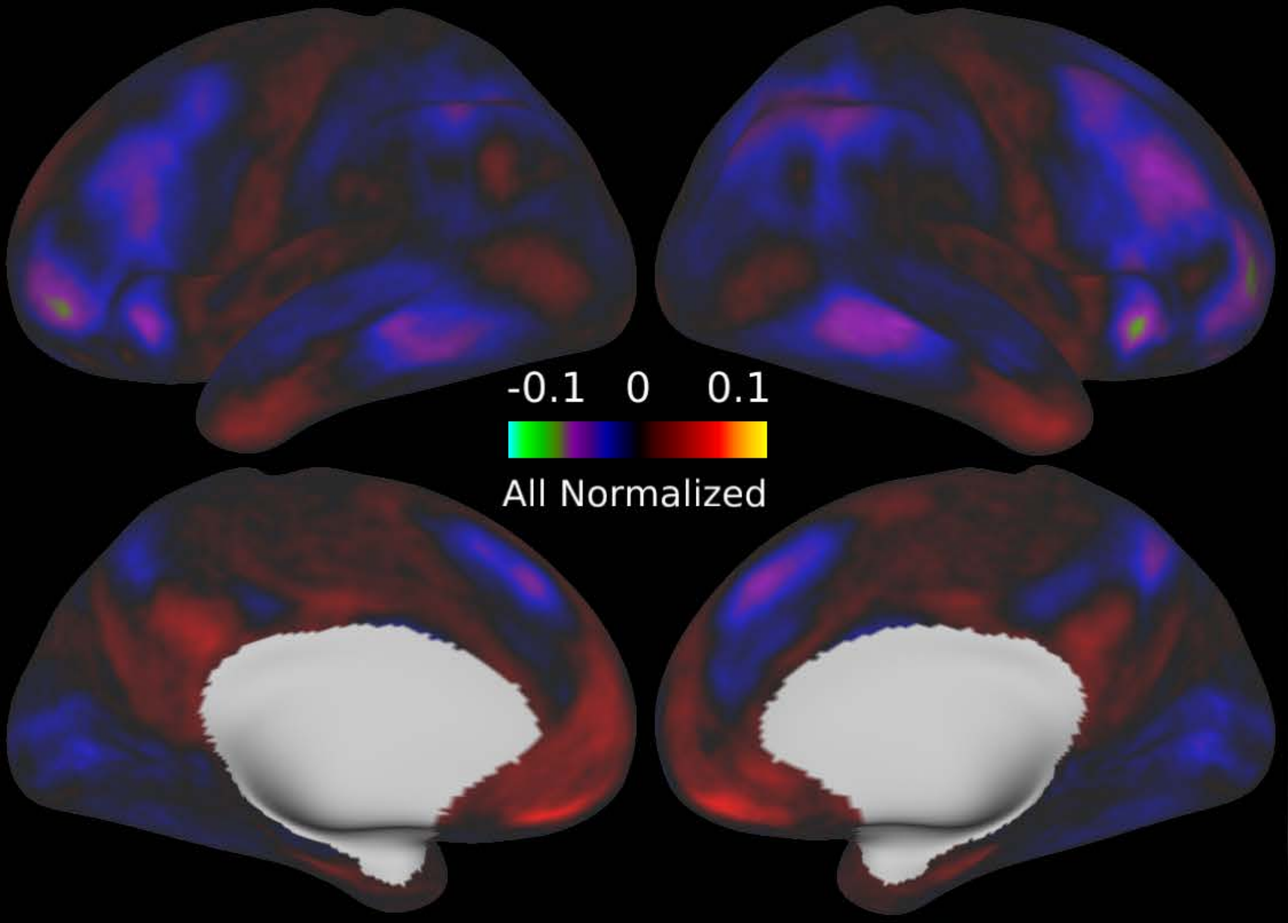


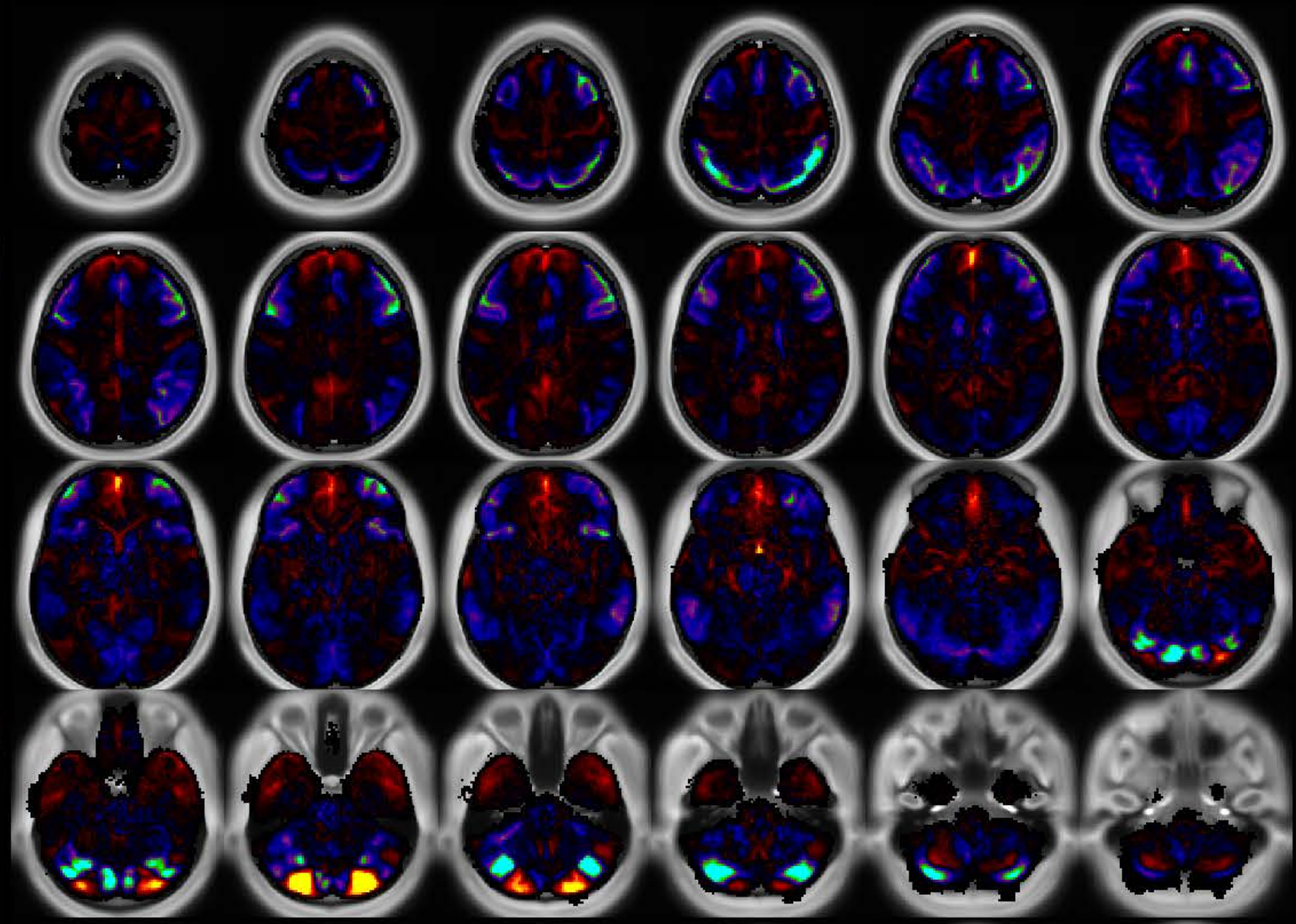


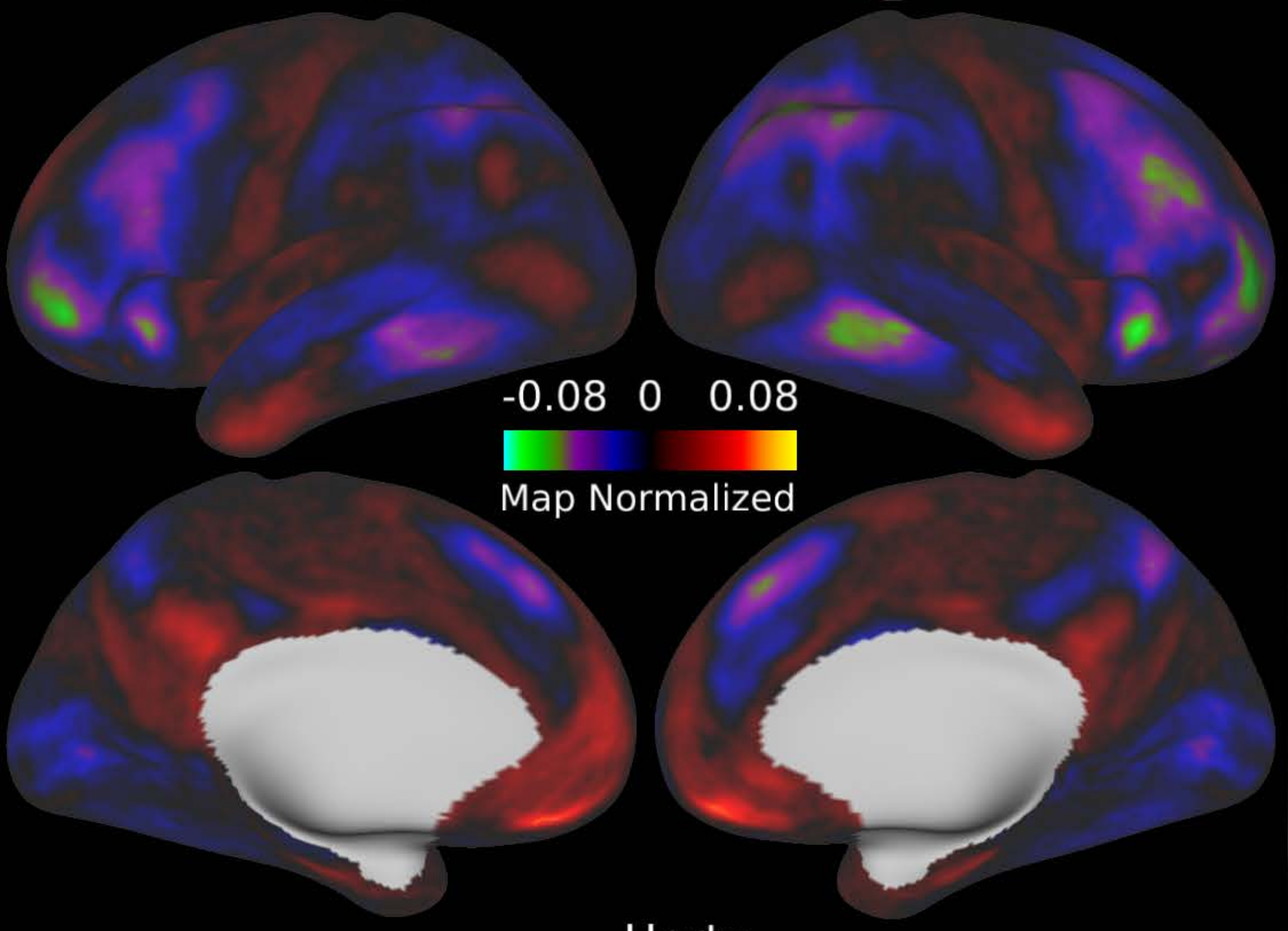




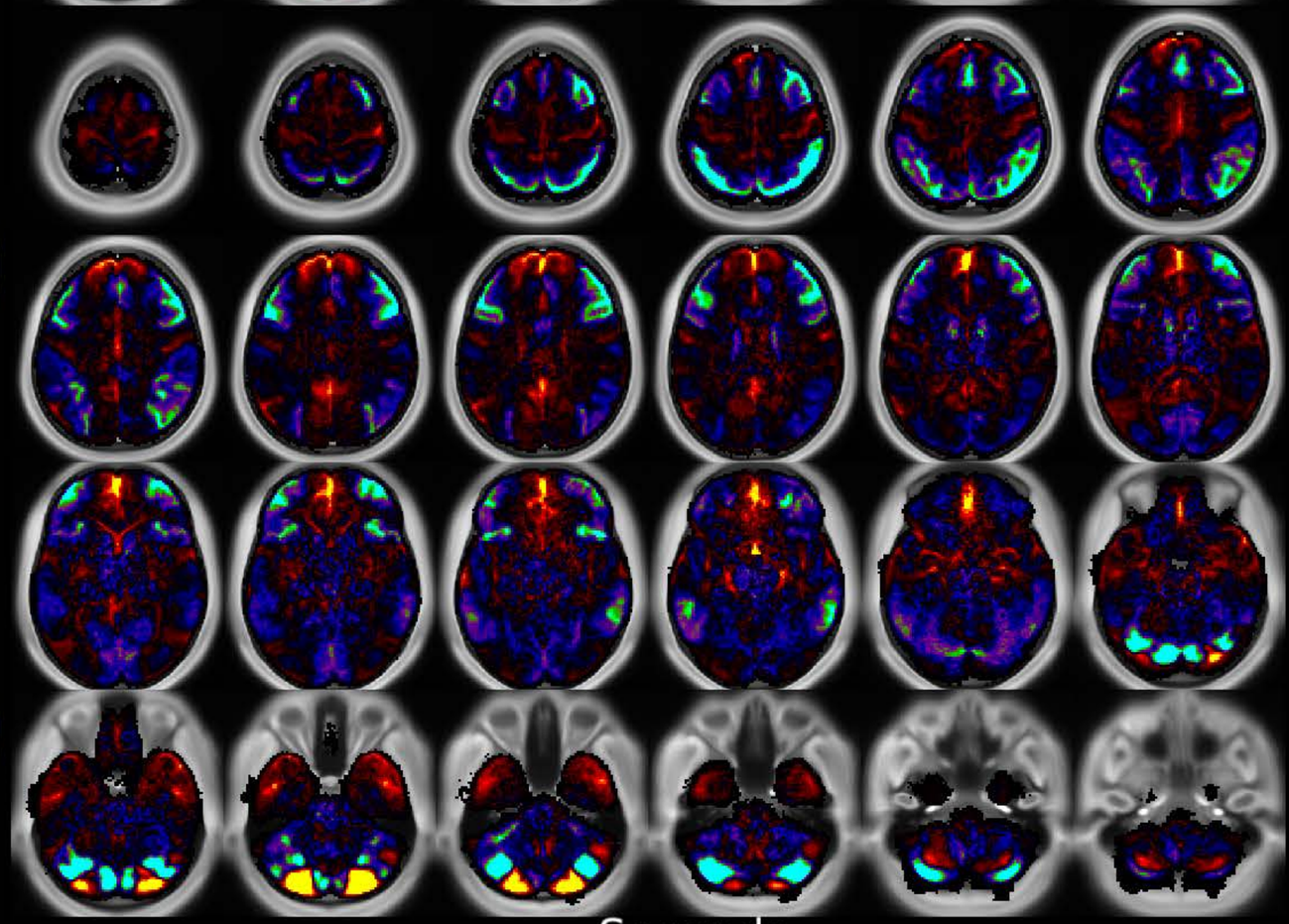
Number & Class: 35 Signal	Name: Cerebellar Unknown	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.11	Globality Index: 0.94
Rest Component: No	Taskr Component: 25	Task Modulated: No
Rationale: Spatial map includes positive and negative patches that respect known RSN boundaries in the cerebellum		



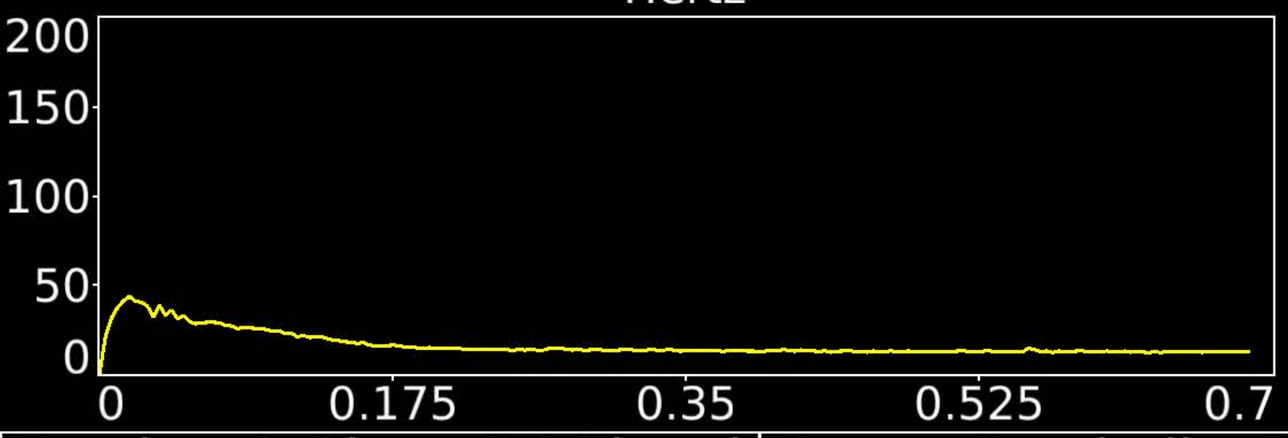


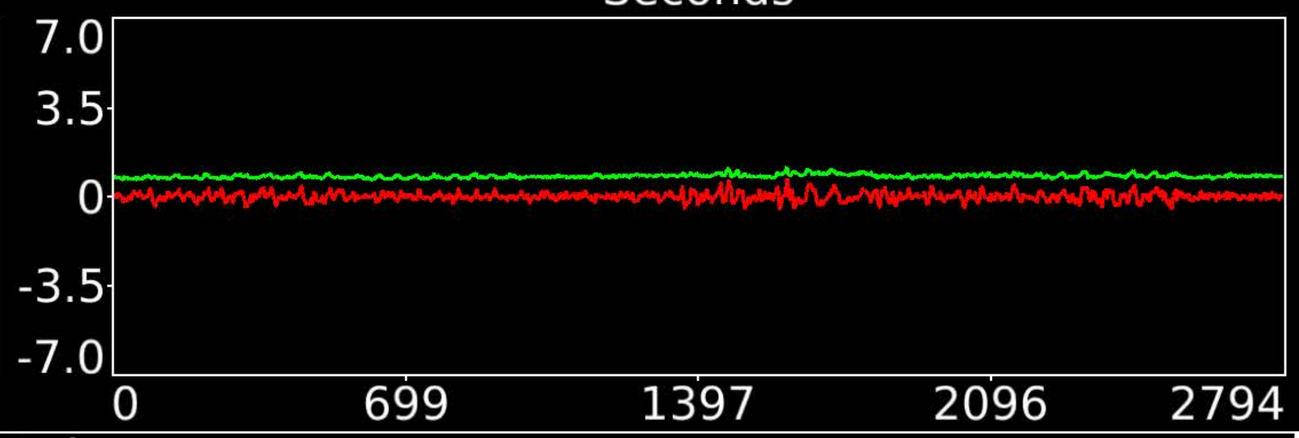


Hertz



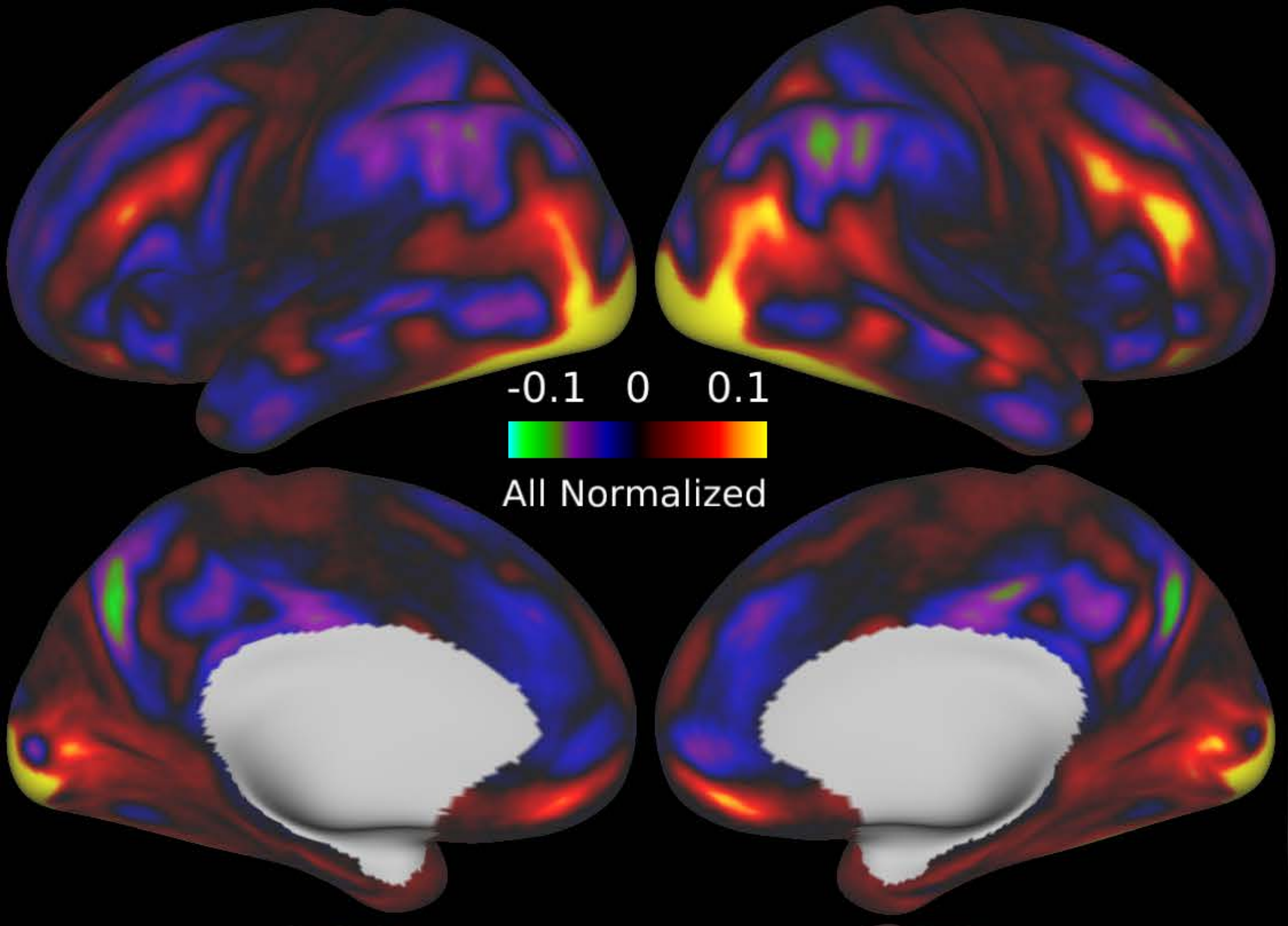
Seconds

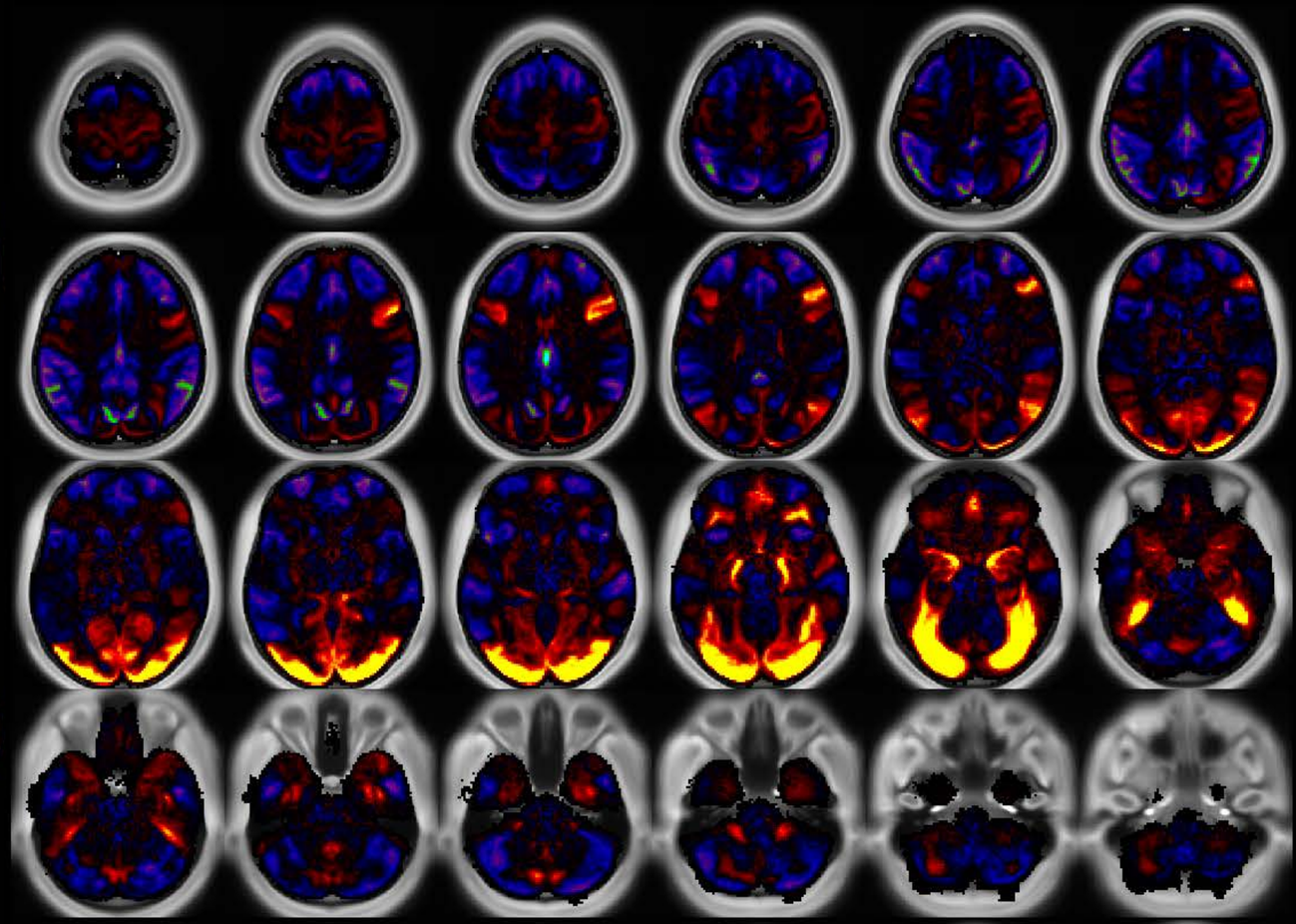


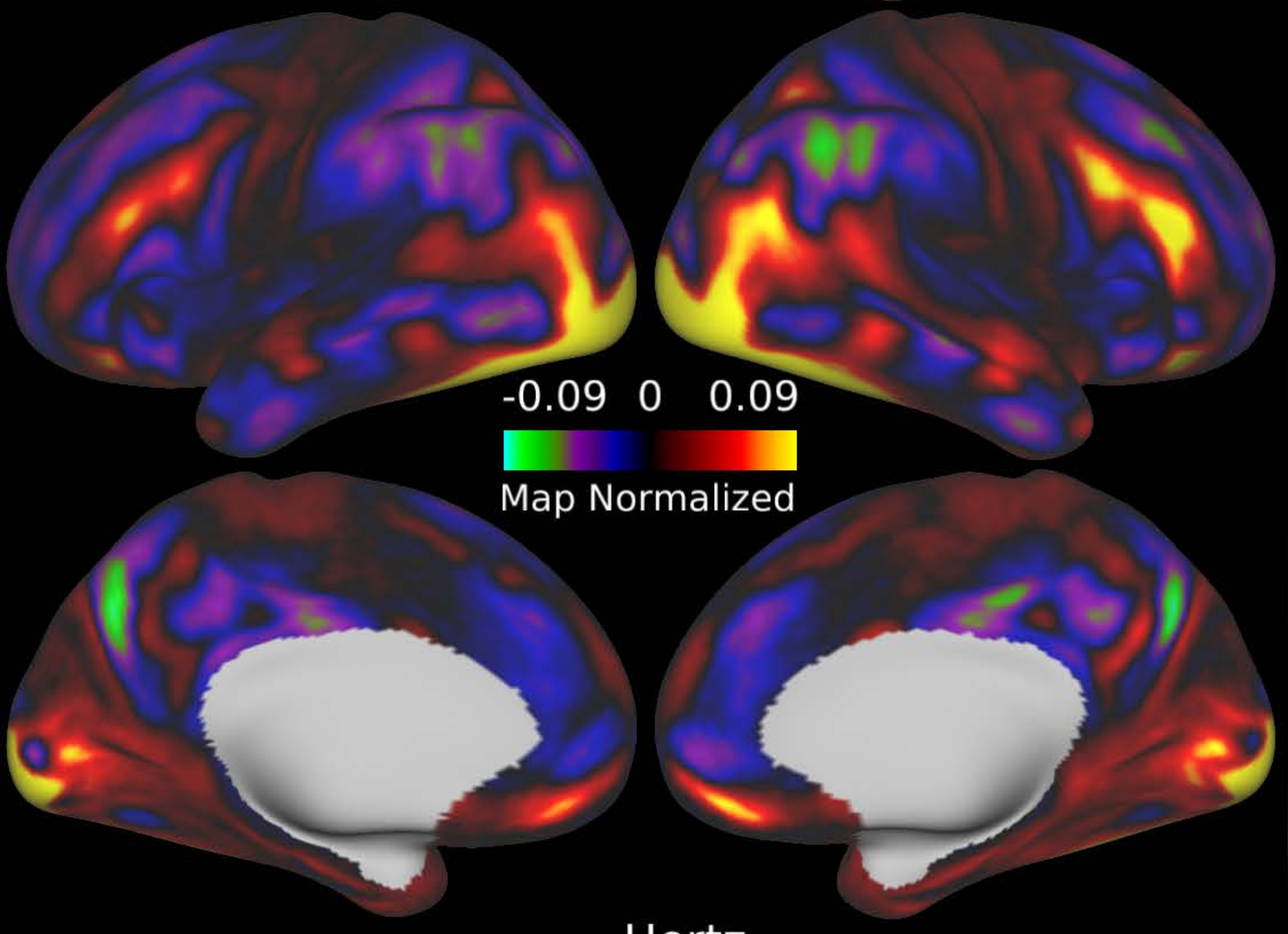


Number & Class: 36 Signal	Name: Cerebellar Unknown	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.08	Globality Index: 0.56
Rest Component: 20	Taskr Component: -32	Task Modulated: No

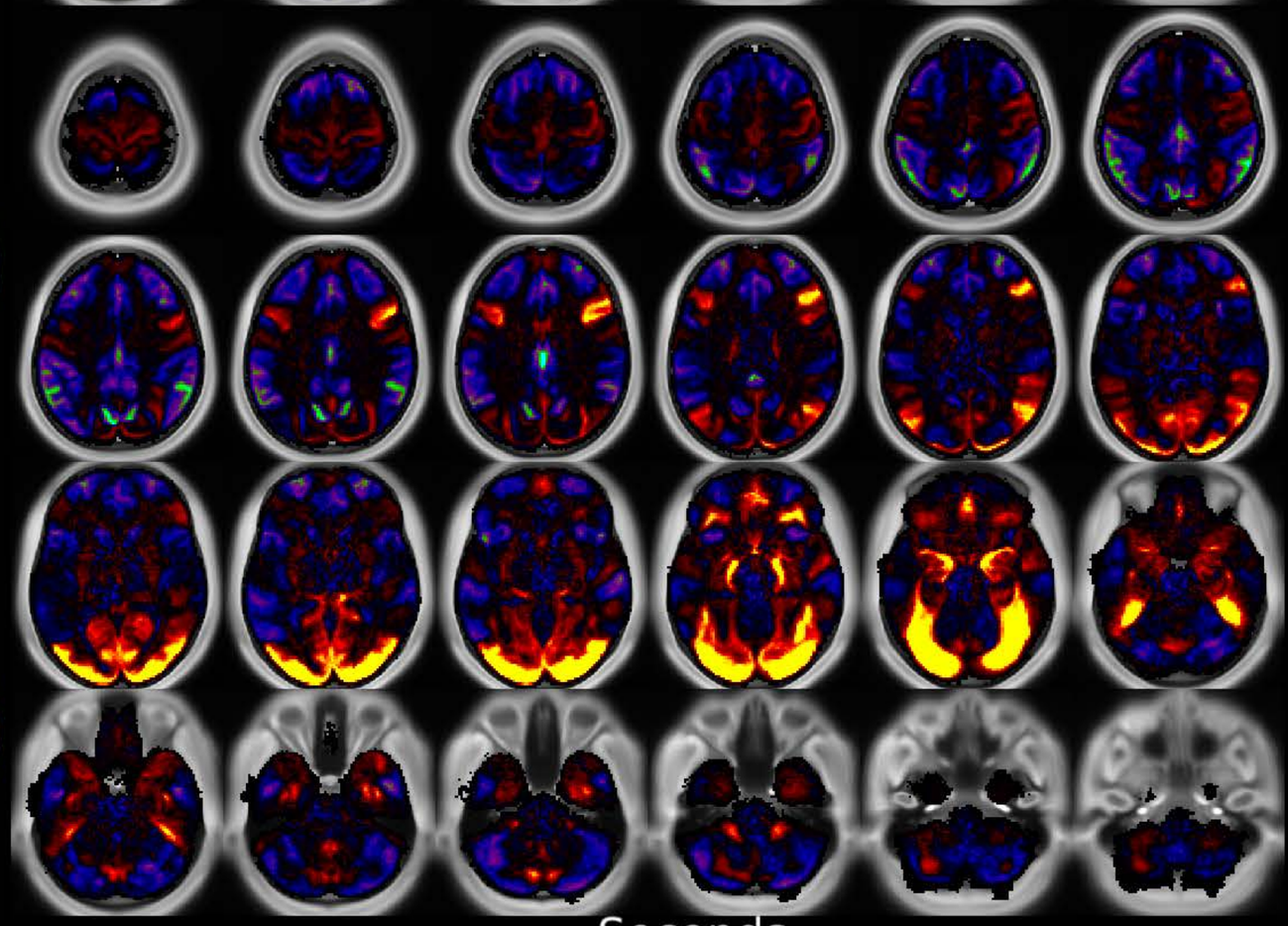
Rationale: Spatial map includes positive and negative patches that respect known RSN boundaries in the cerebellum



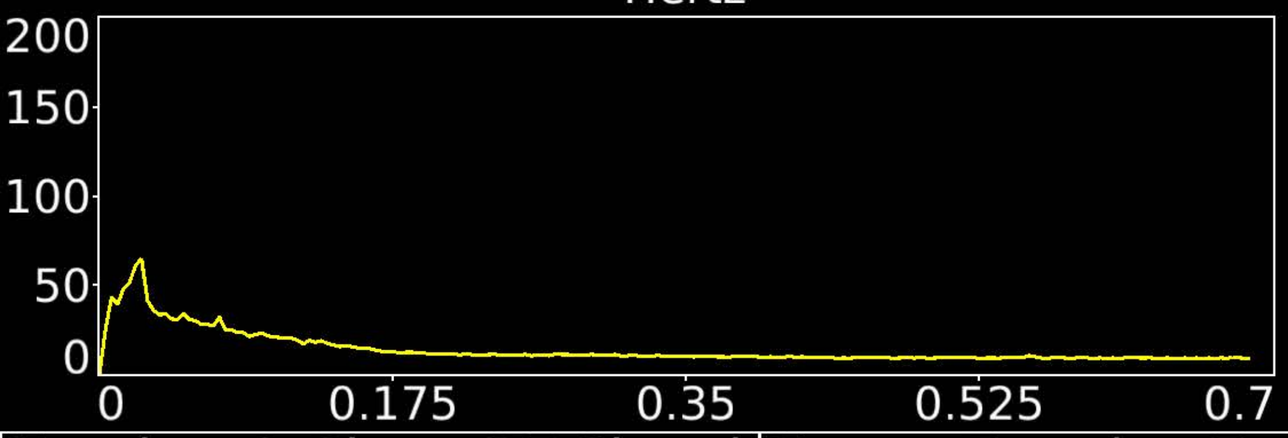


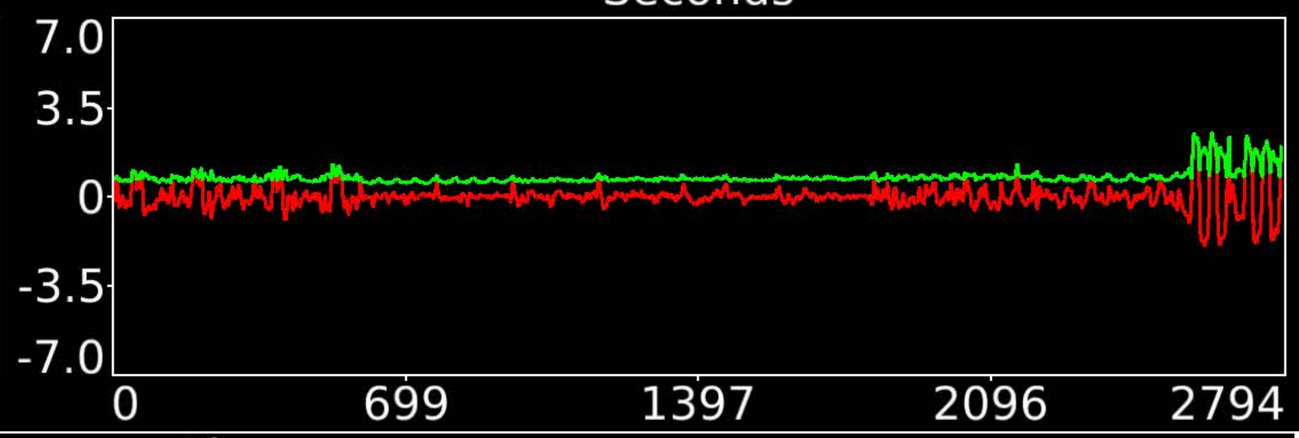


Hertz



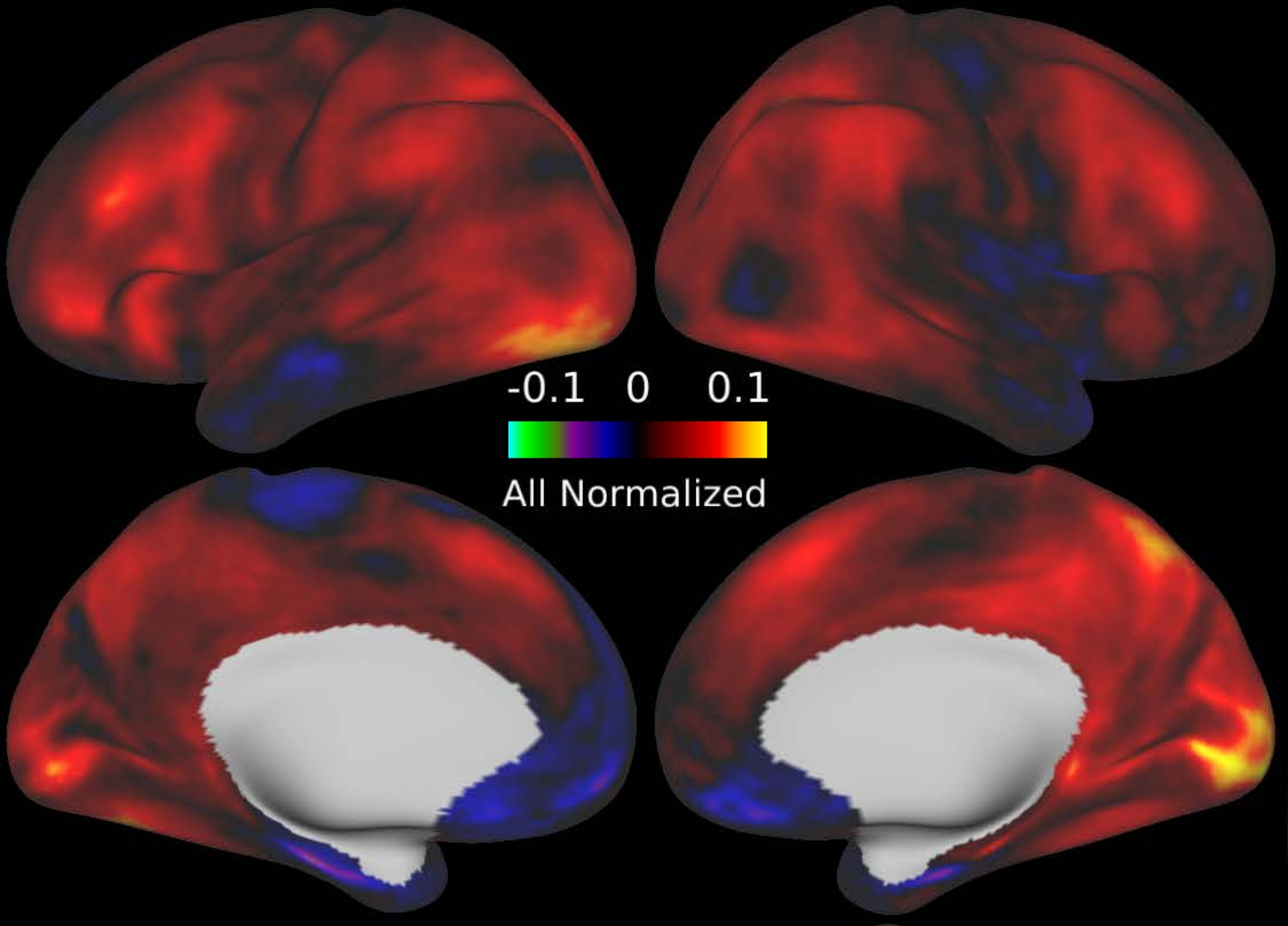
Seconds

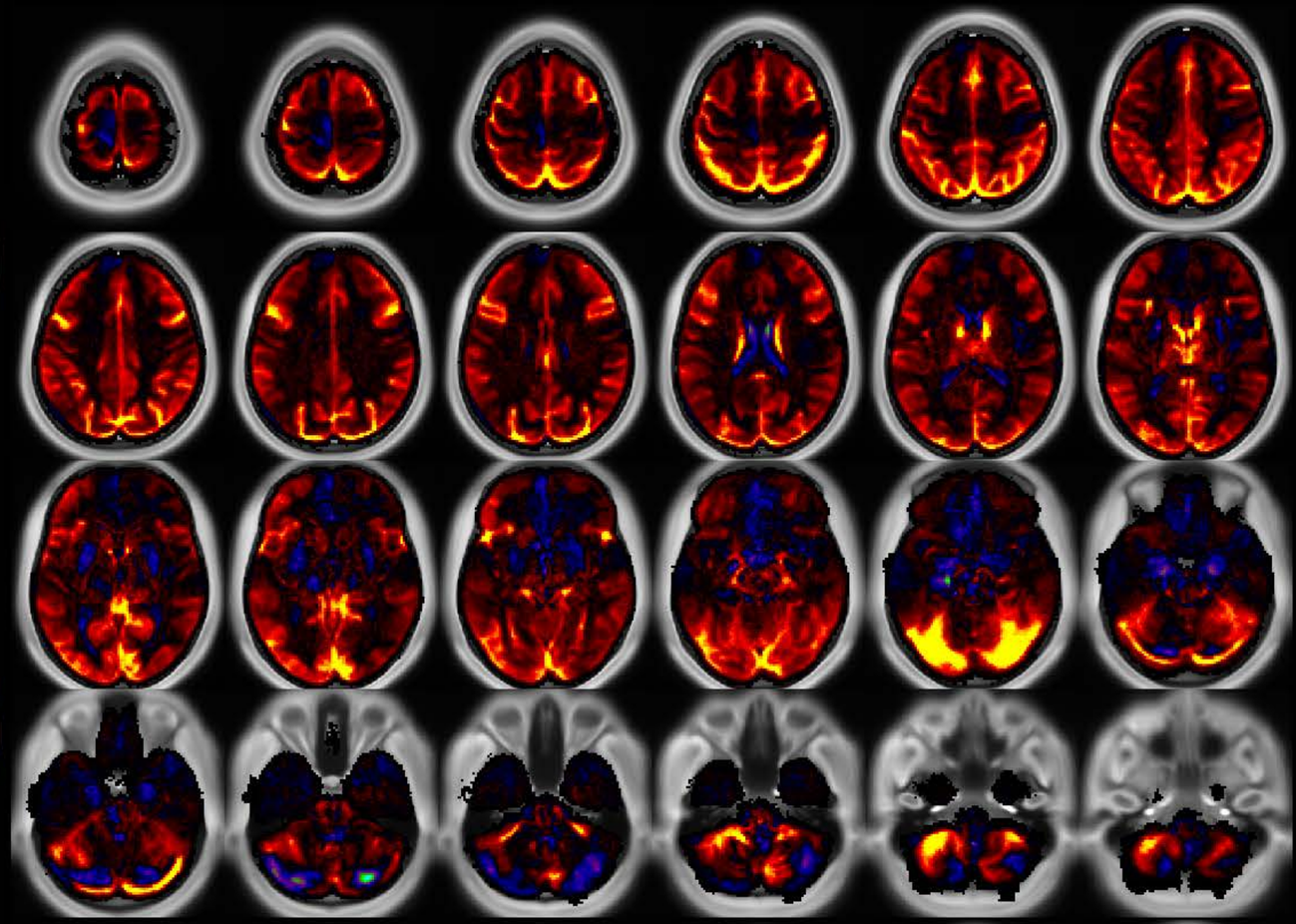


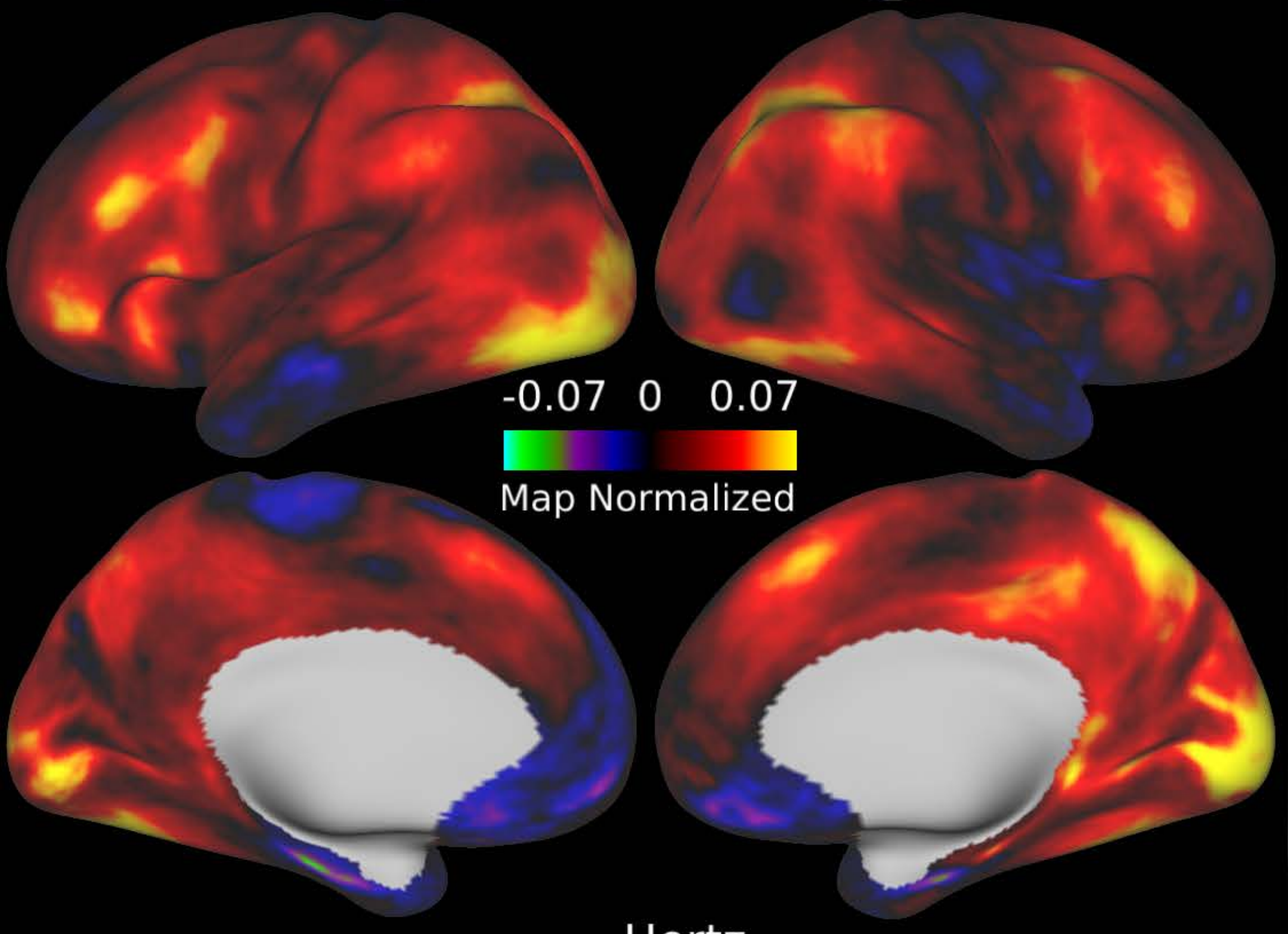


Number & Class: 37 Signal	Name: Emotion Faces > Shapes	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.06	Globality Index: 0.16
Rest Component: No	Taskr Component: No	Task Modulated: Emotion

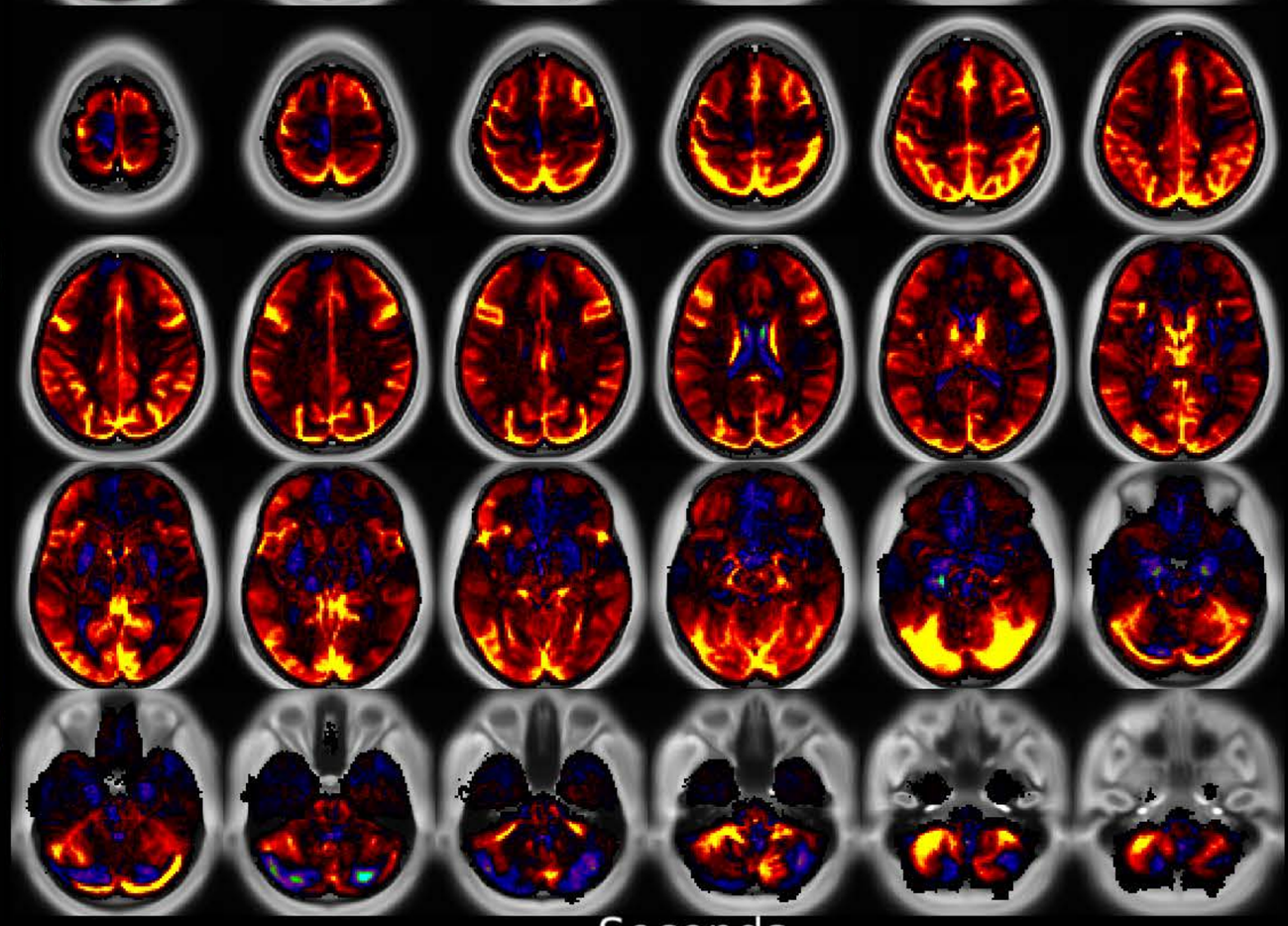
Rationale: Spatial map includes positive and negative patches that are correlated with a specific task design



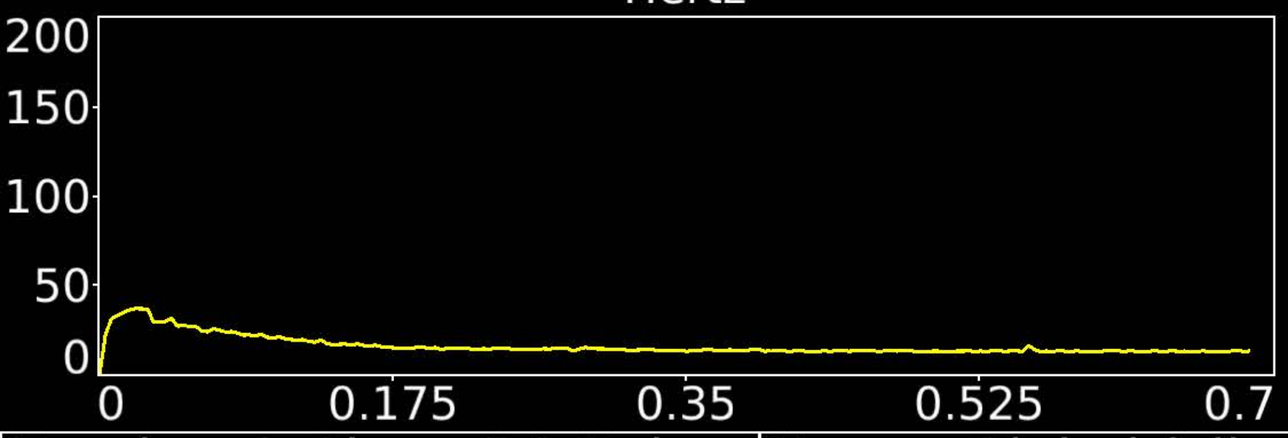


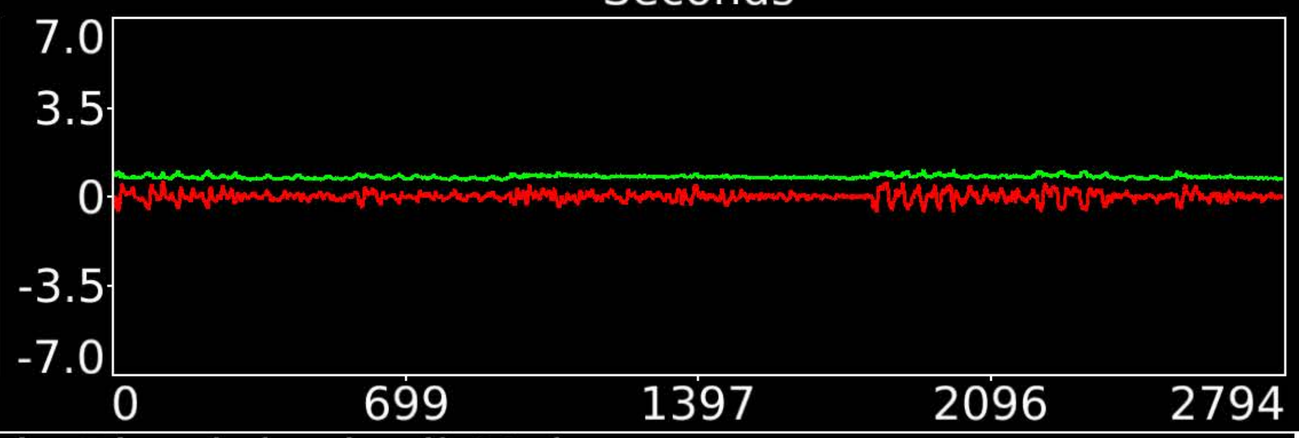


Hertz

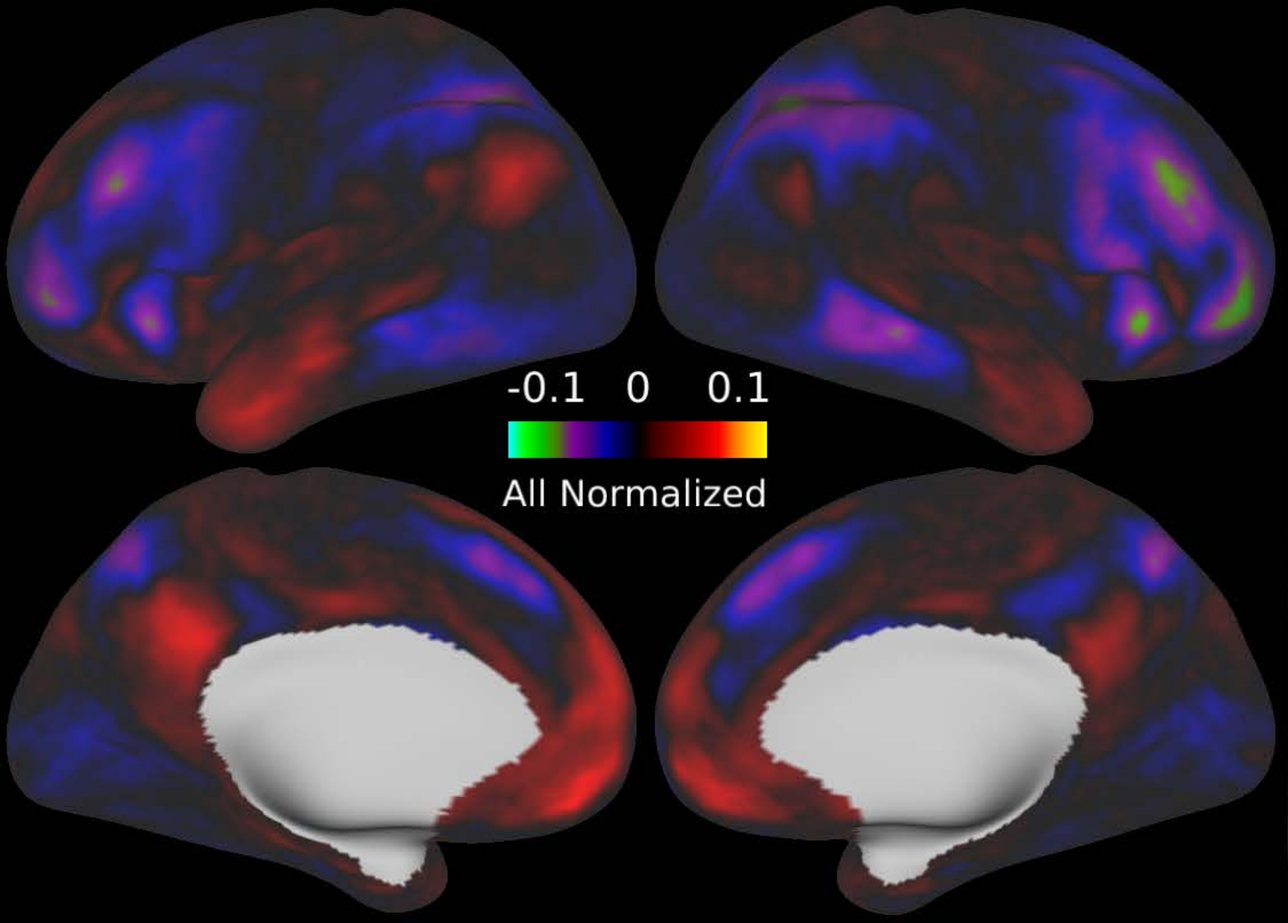


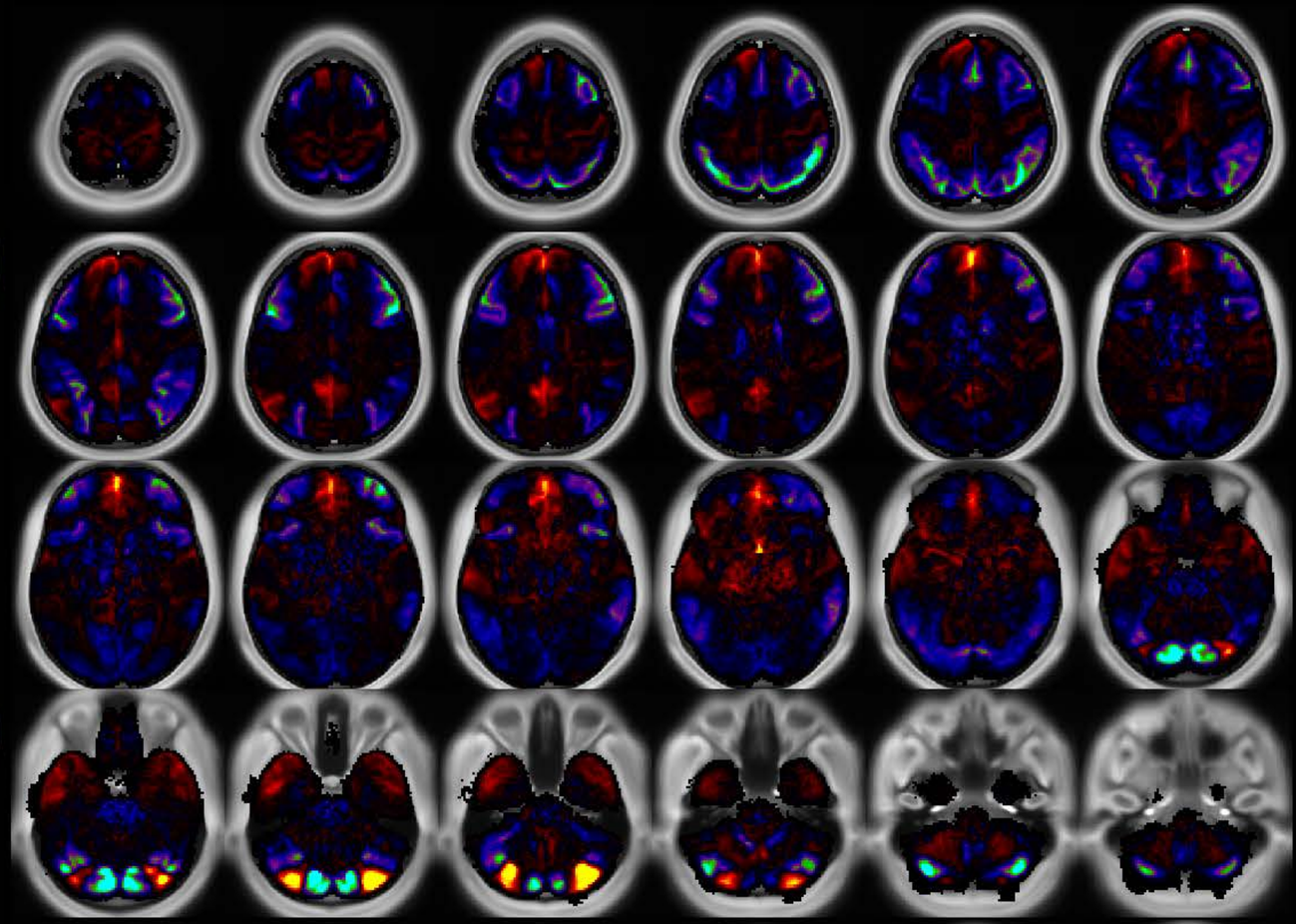
Seconds

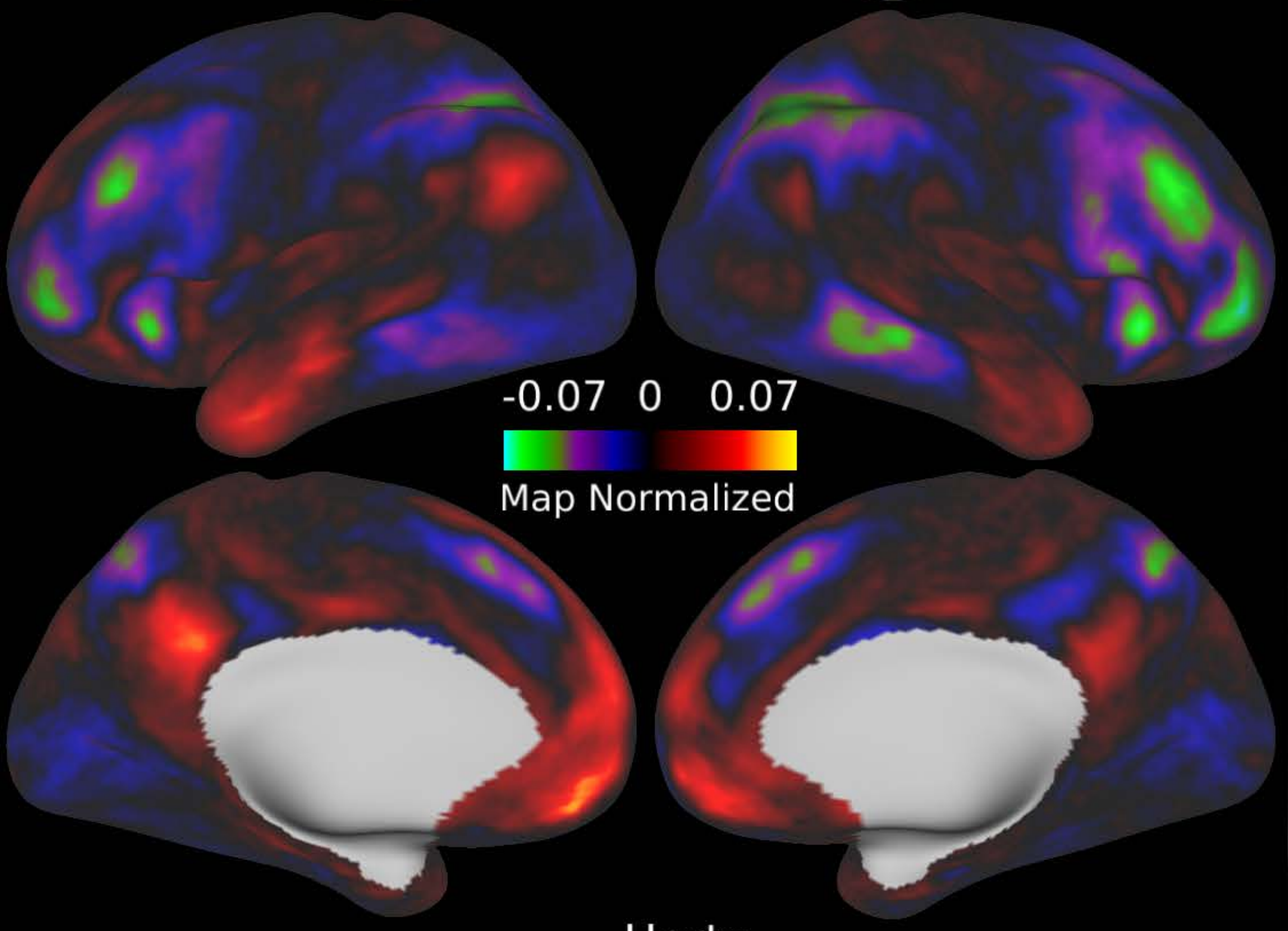




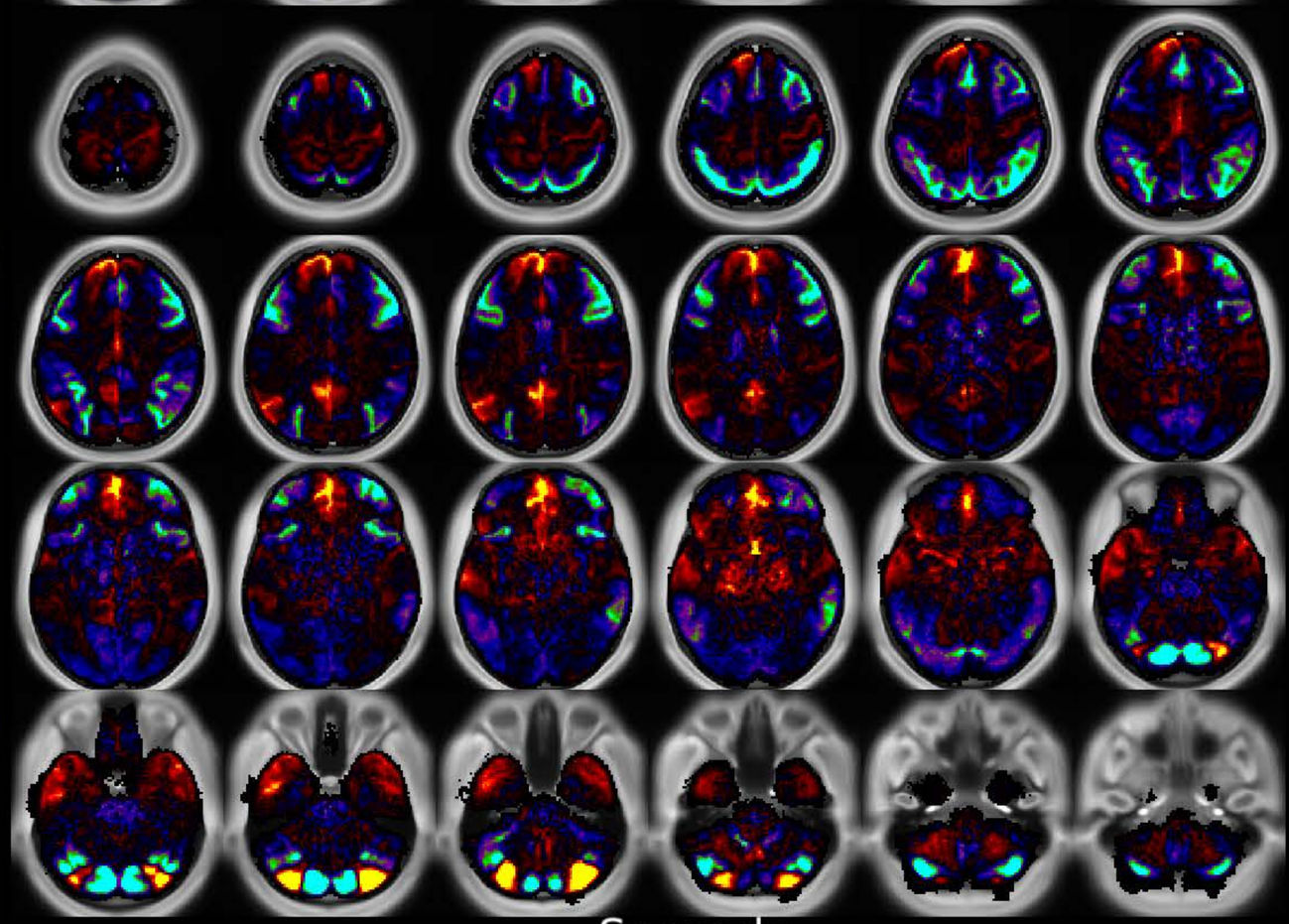
Number & Class: 38 Noise	Name: Global (Likely Physiological) Noise	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 1.02	Globality Index: 2.03
Rest Component: No	Taskr Component: No	Task Modulated: No
Rationale: Globally positive component without positive and negative patches that respect known RSNs or areas; some white matter signal		



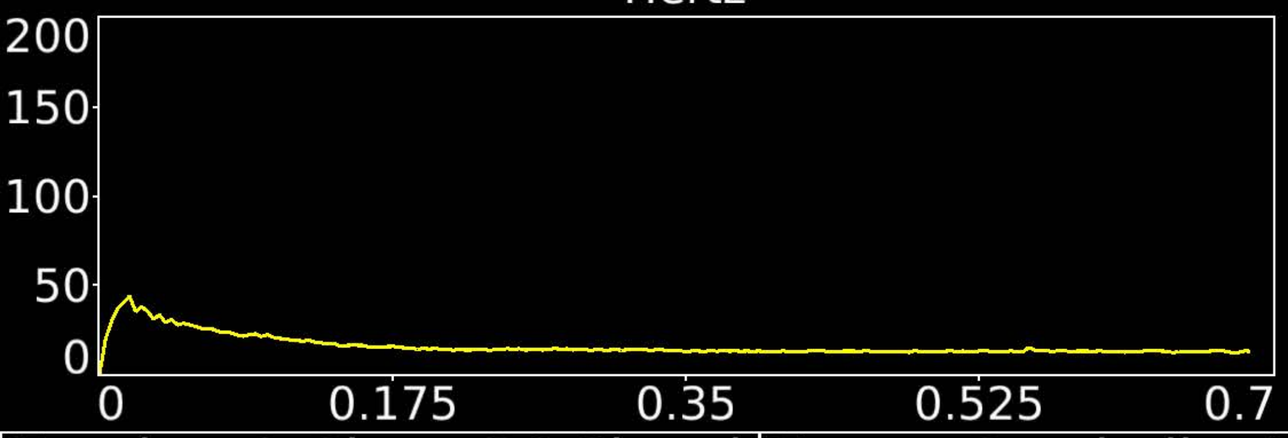


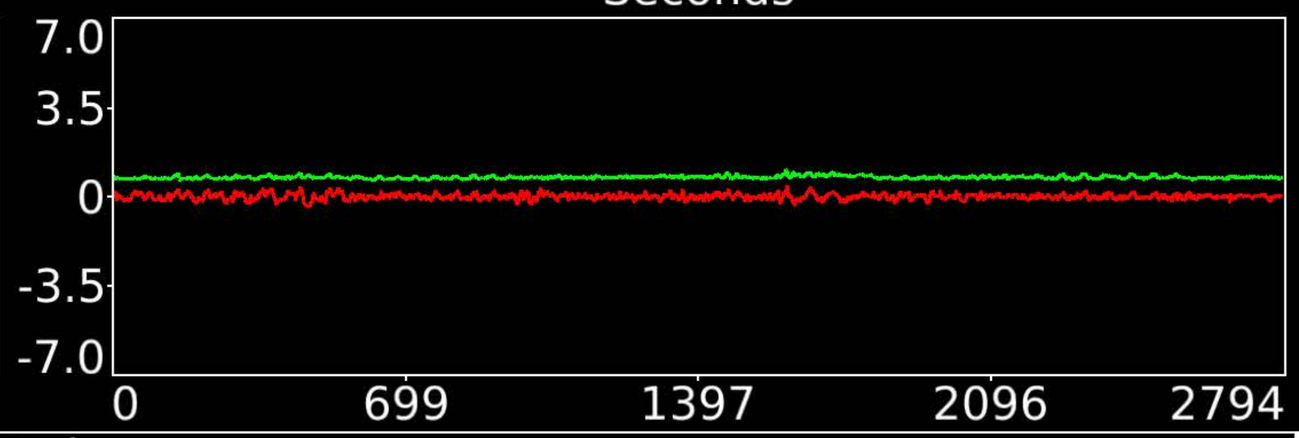


Hertz



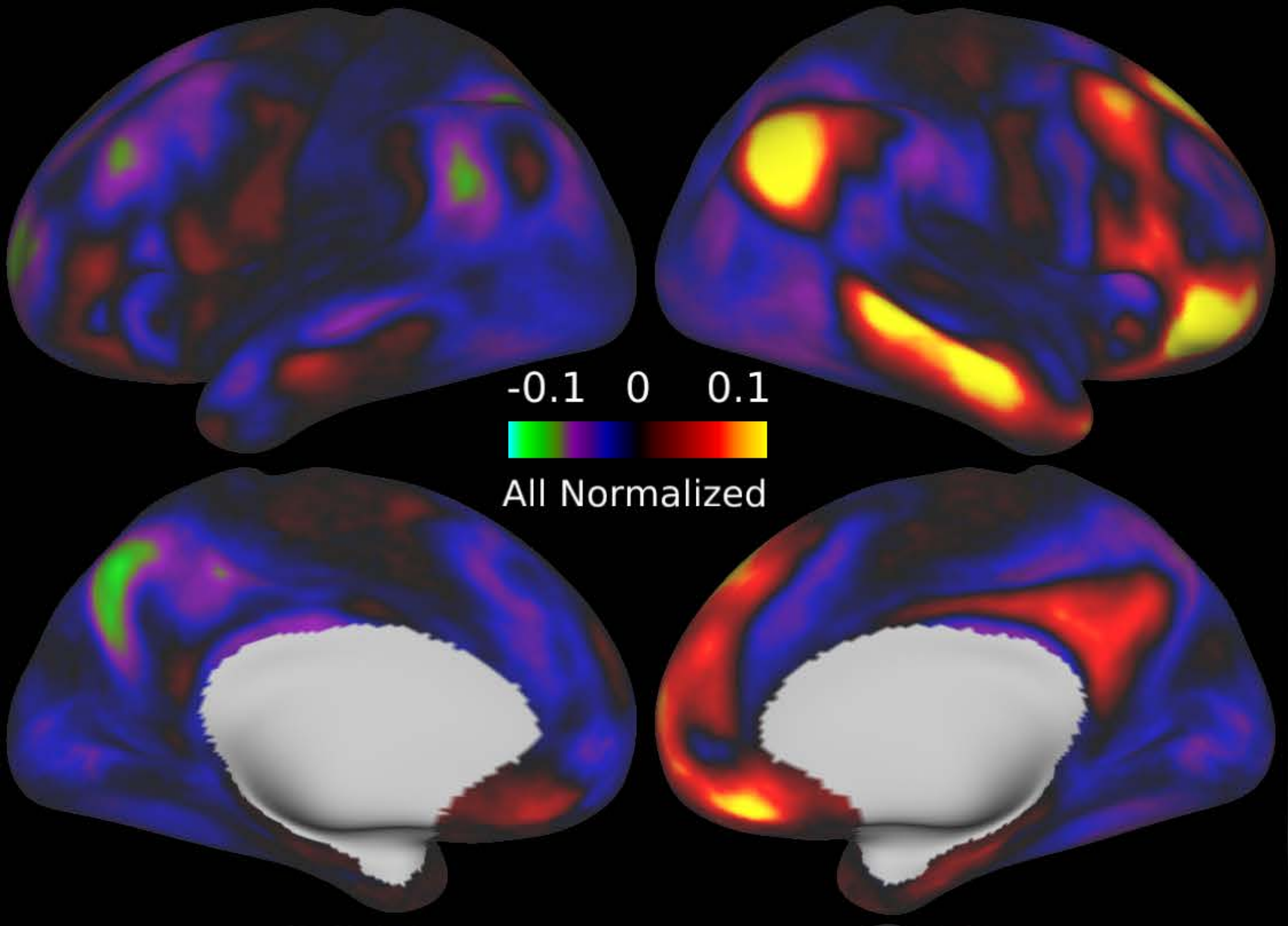
Seconds

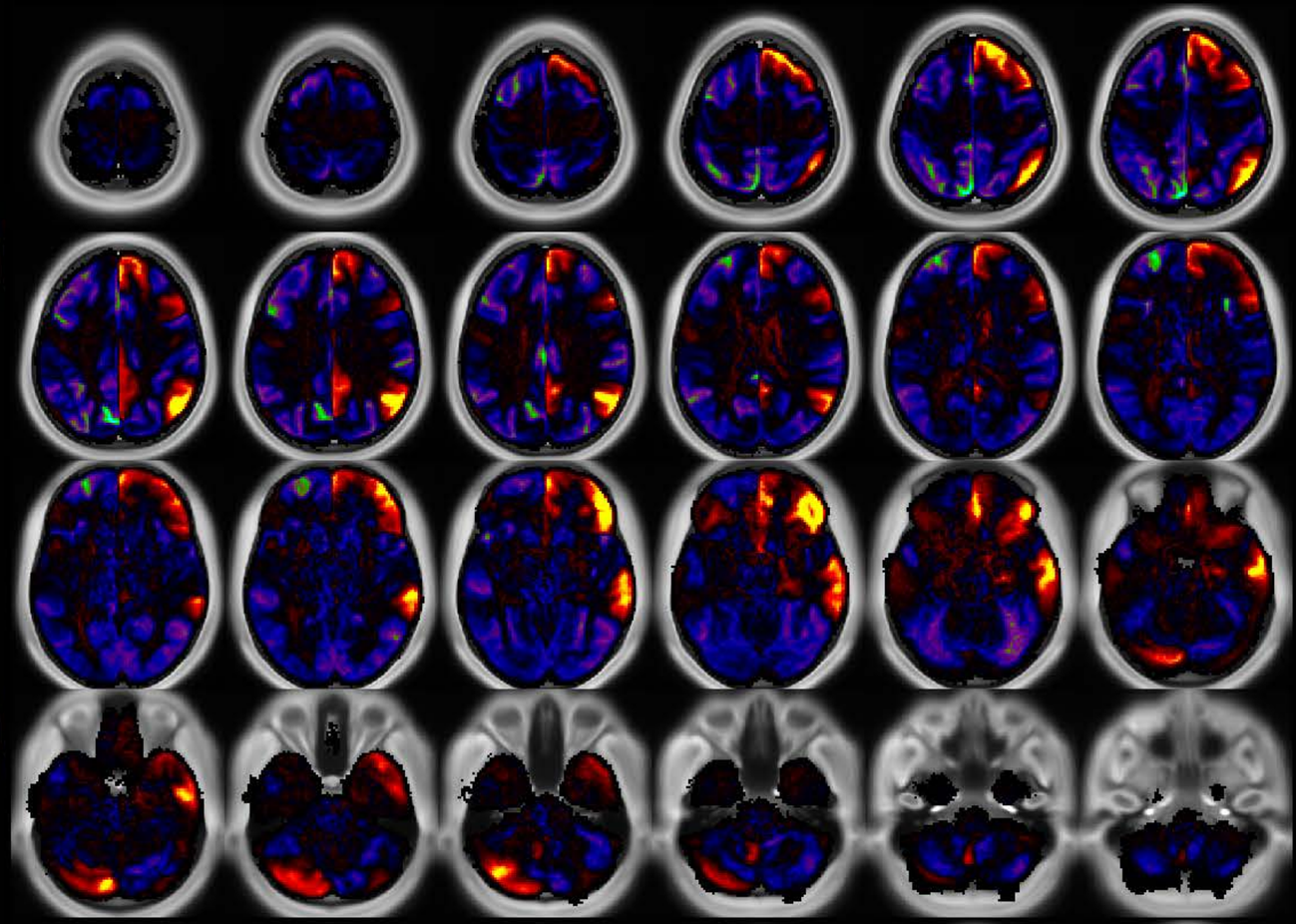


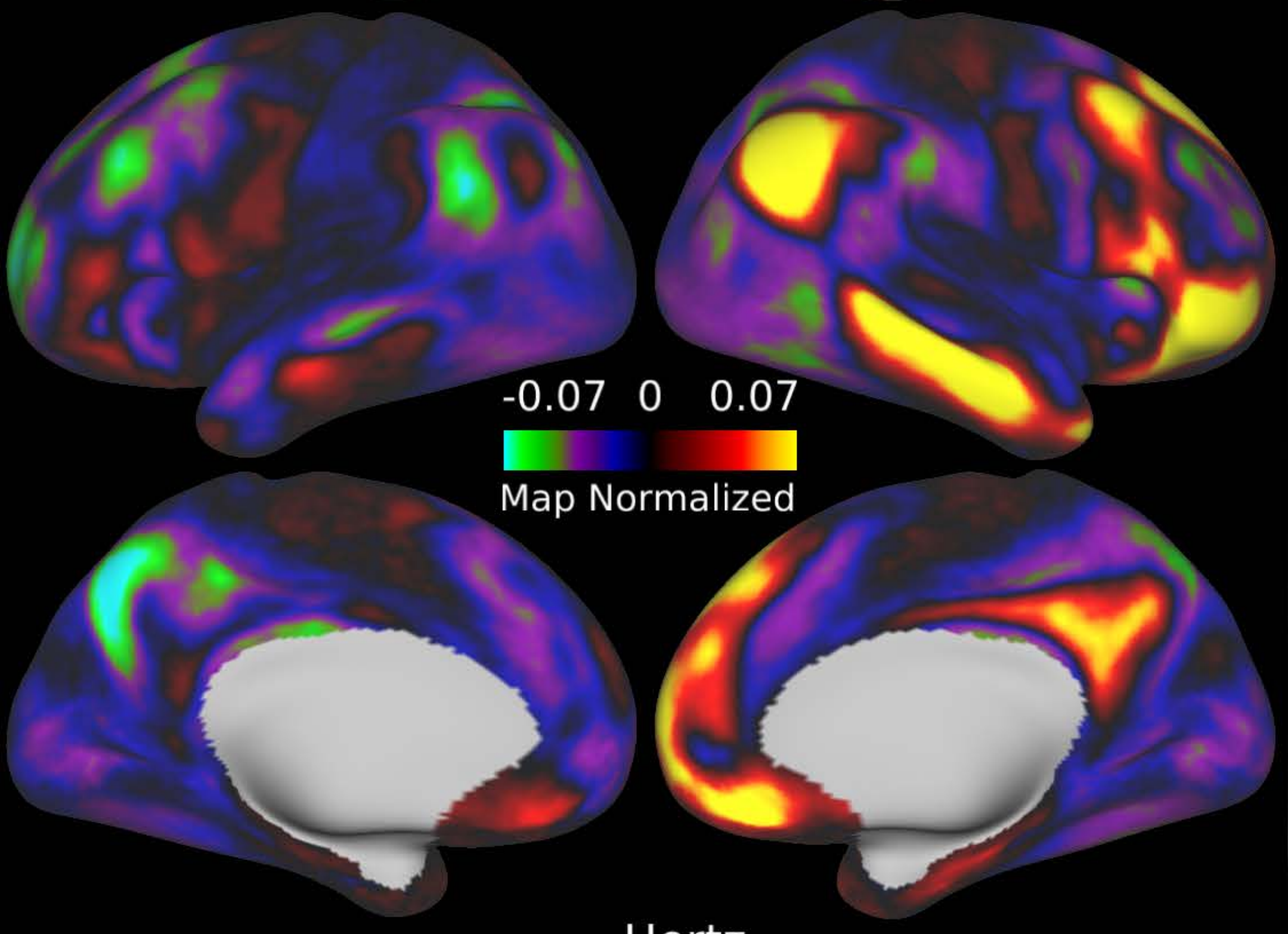


Number & Class: 39 Signal	Name: Cerebellar Unknown	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.96	Globality Index: 0.19
Rest Component: No	Taskr Component: No	Task Modulated: No

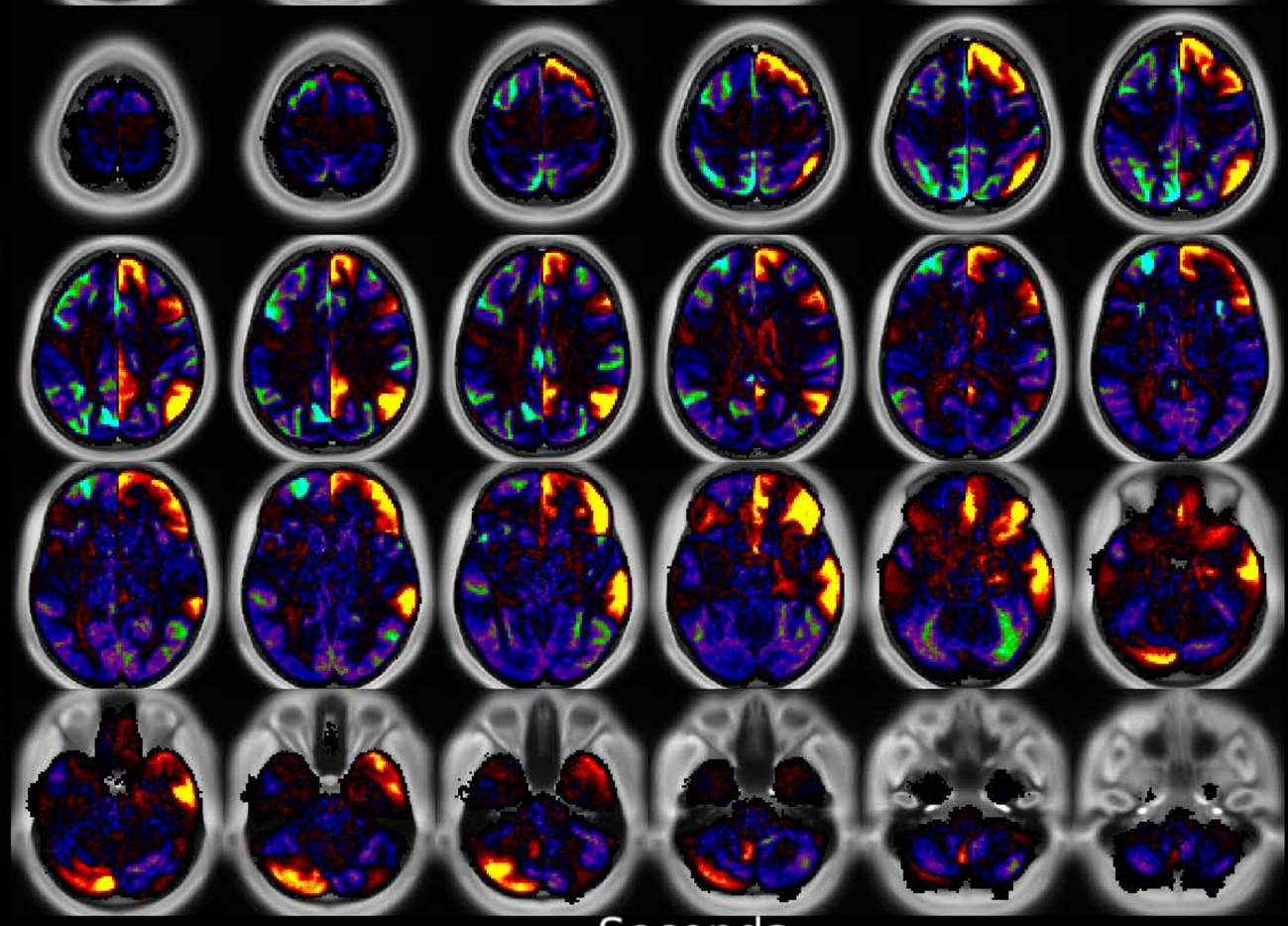
Rationale: Spatial map includes positive and negative patches that respect known RSN boundaries in the cerebellum



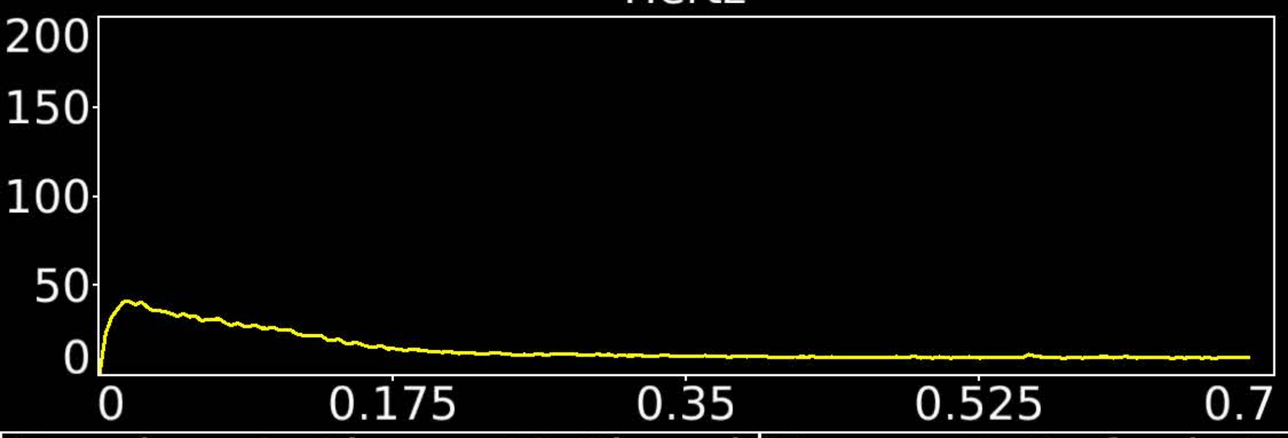


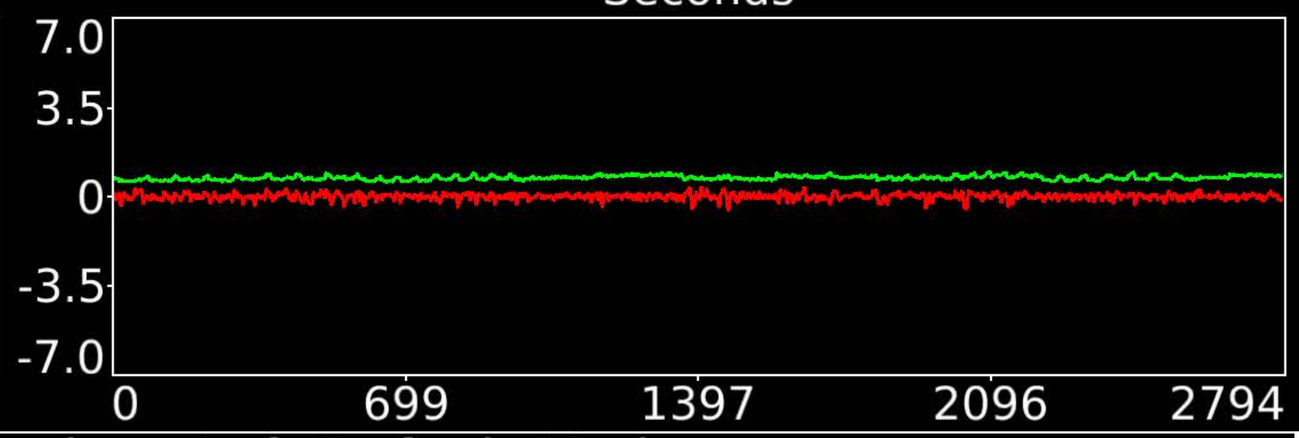


Hertz



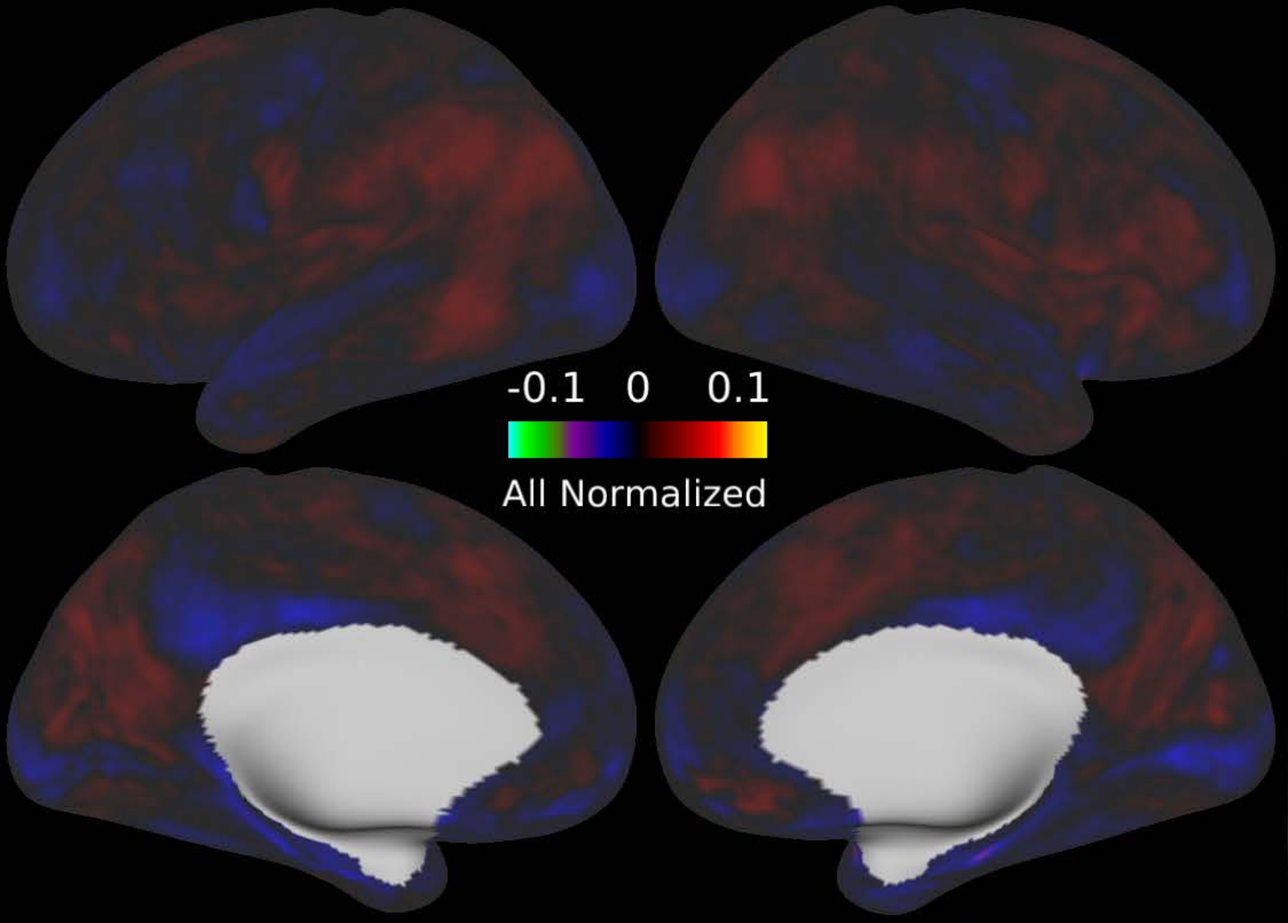
Seconds

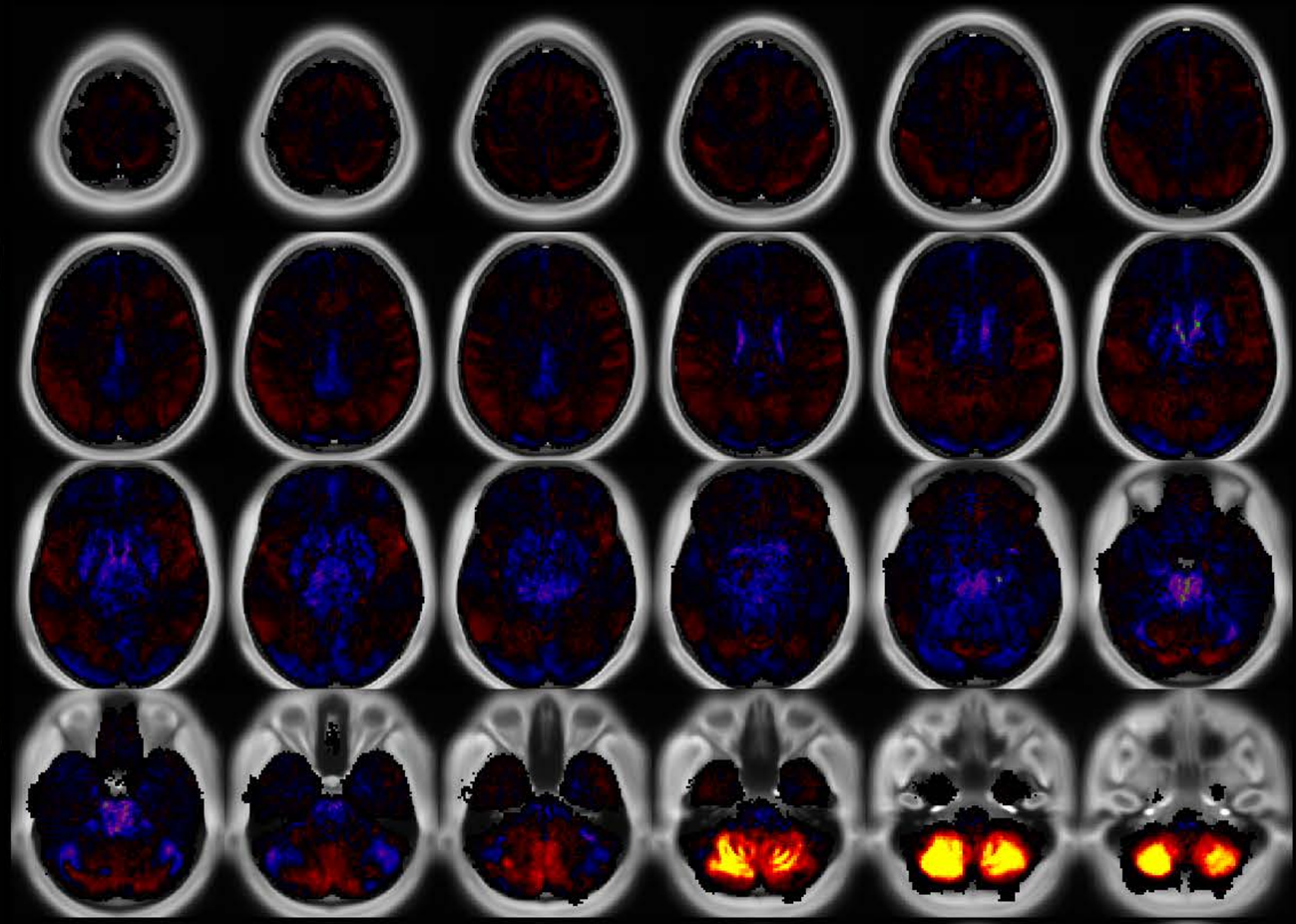


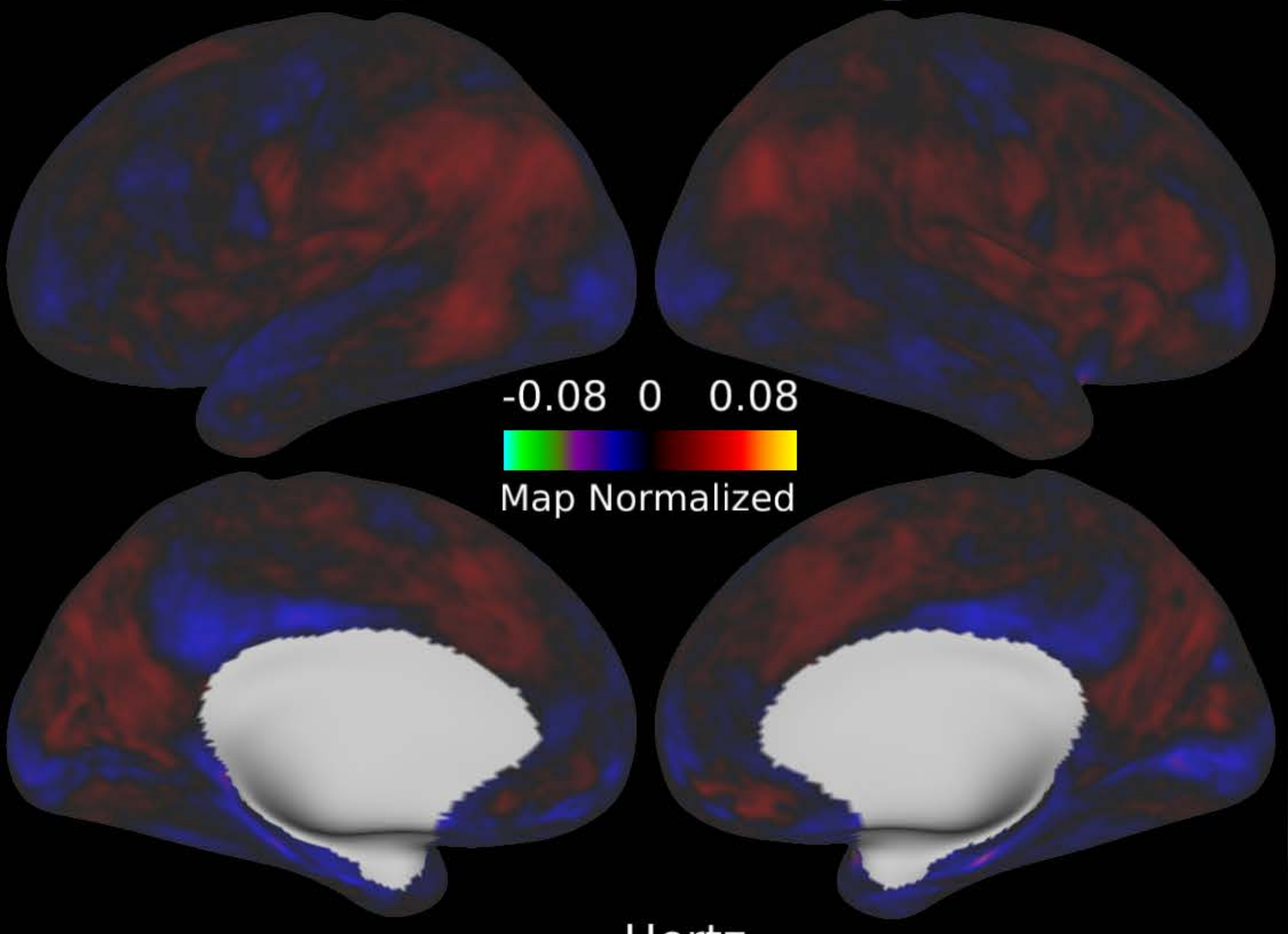


Number & Class: 40 Signal	Name: R Default Mode > Left Default Mode	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.93	Globality Index: 1.13
Rest Component: No	Taskr Component: No	Task Modulated: No

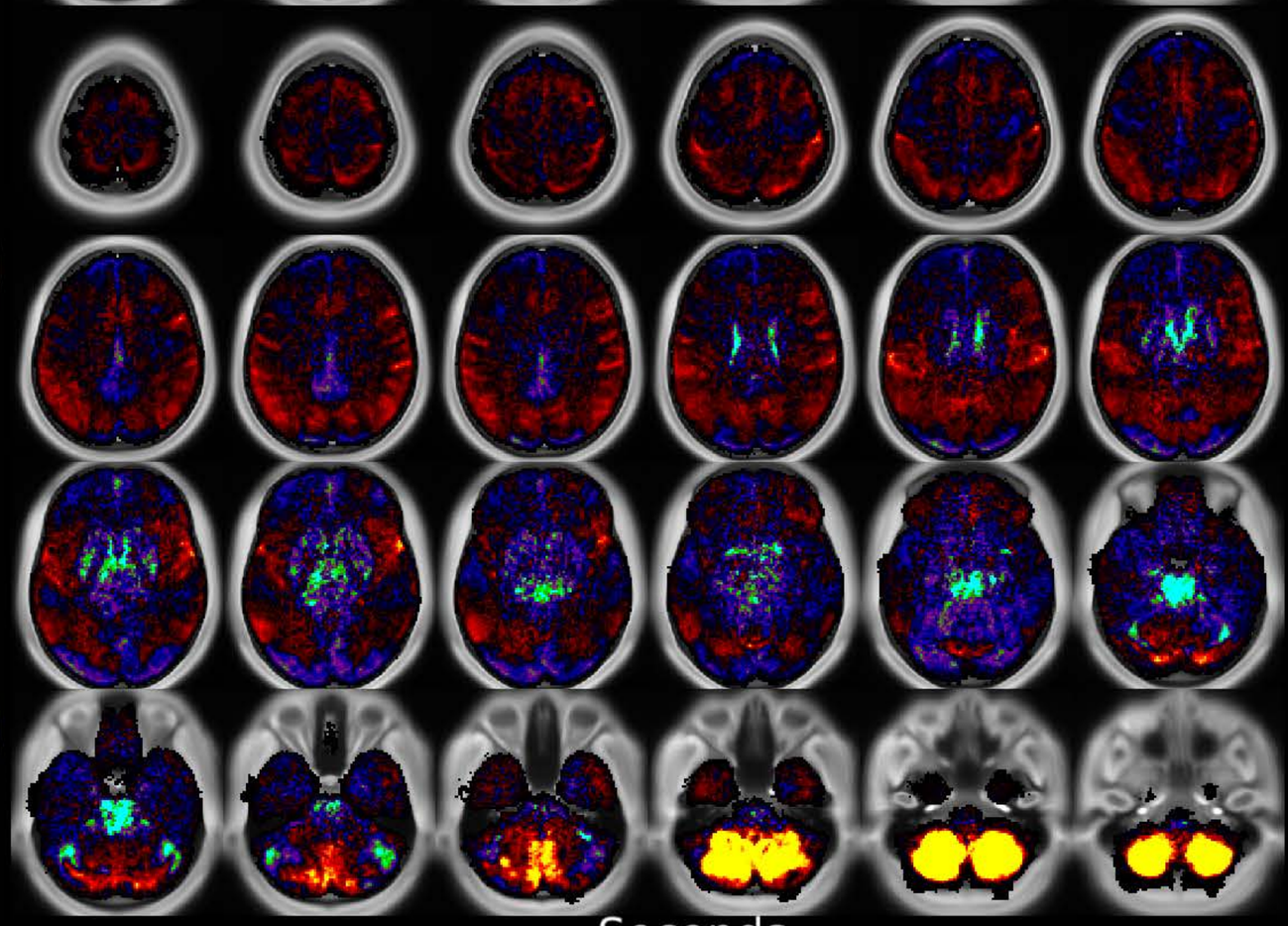
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network)







Hertz



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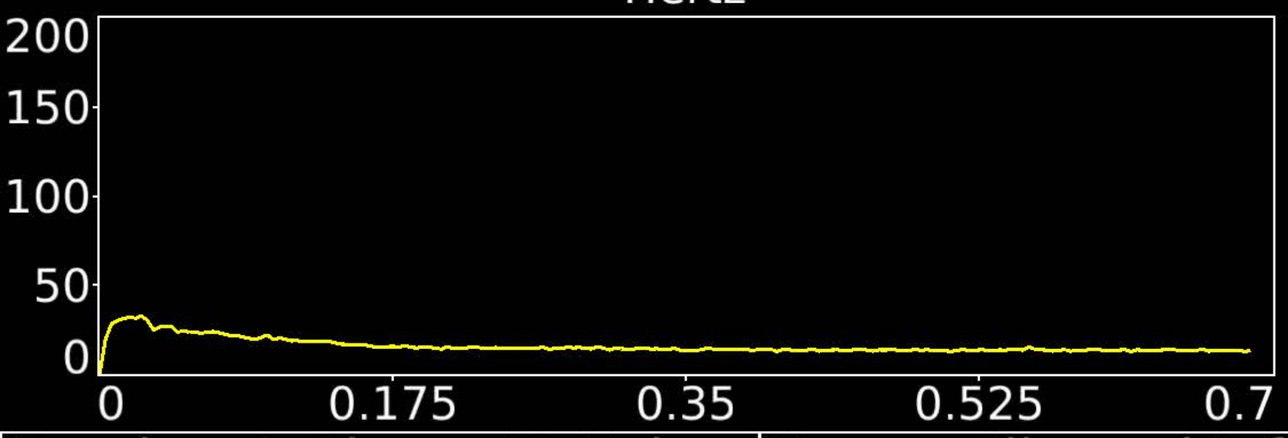
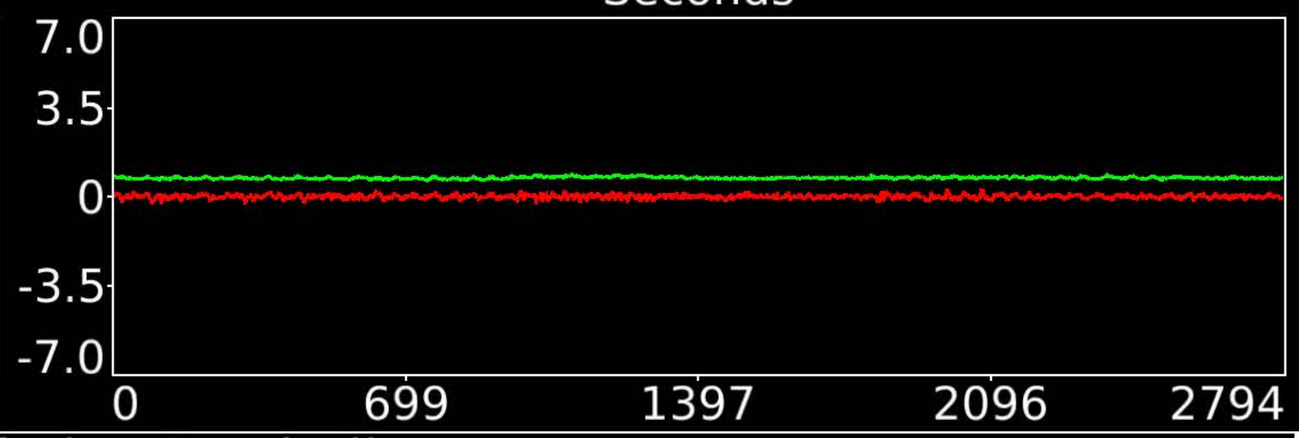
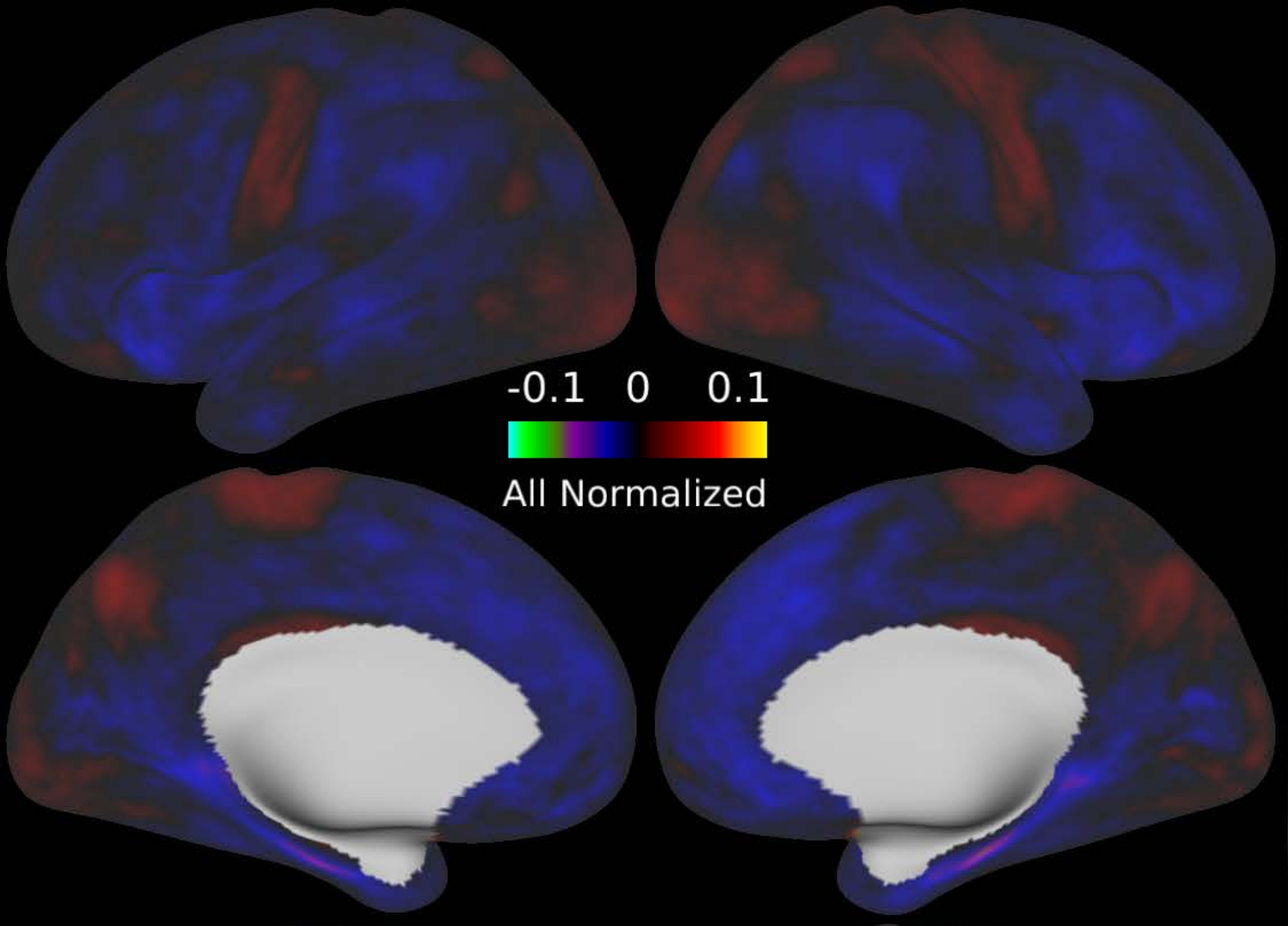
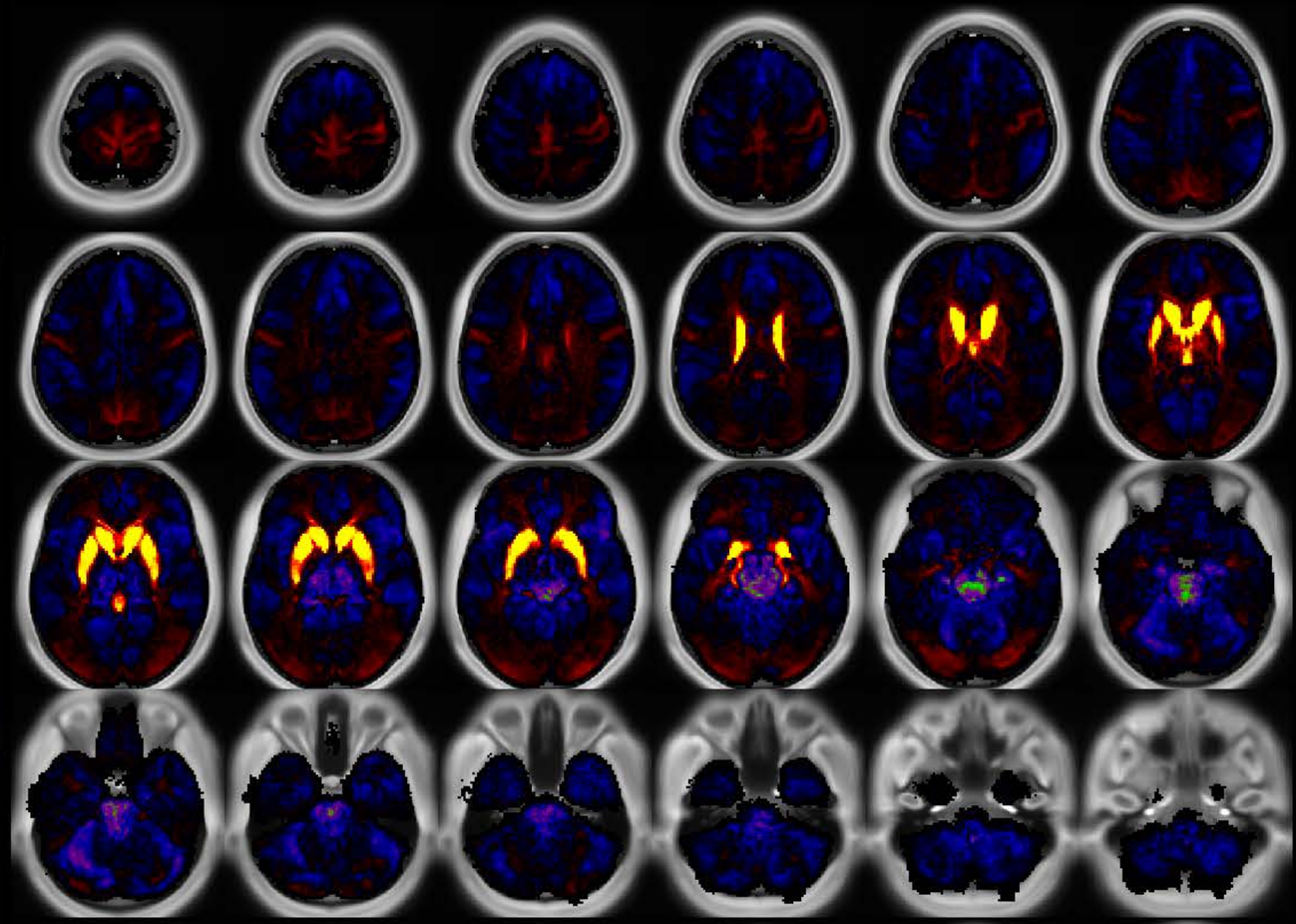


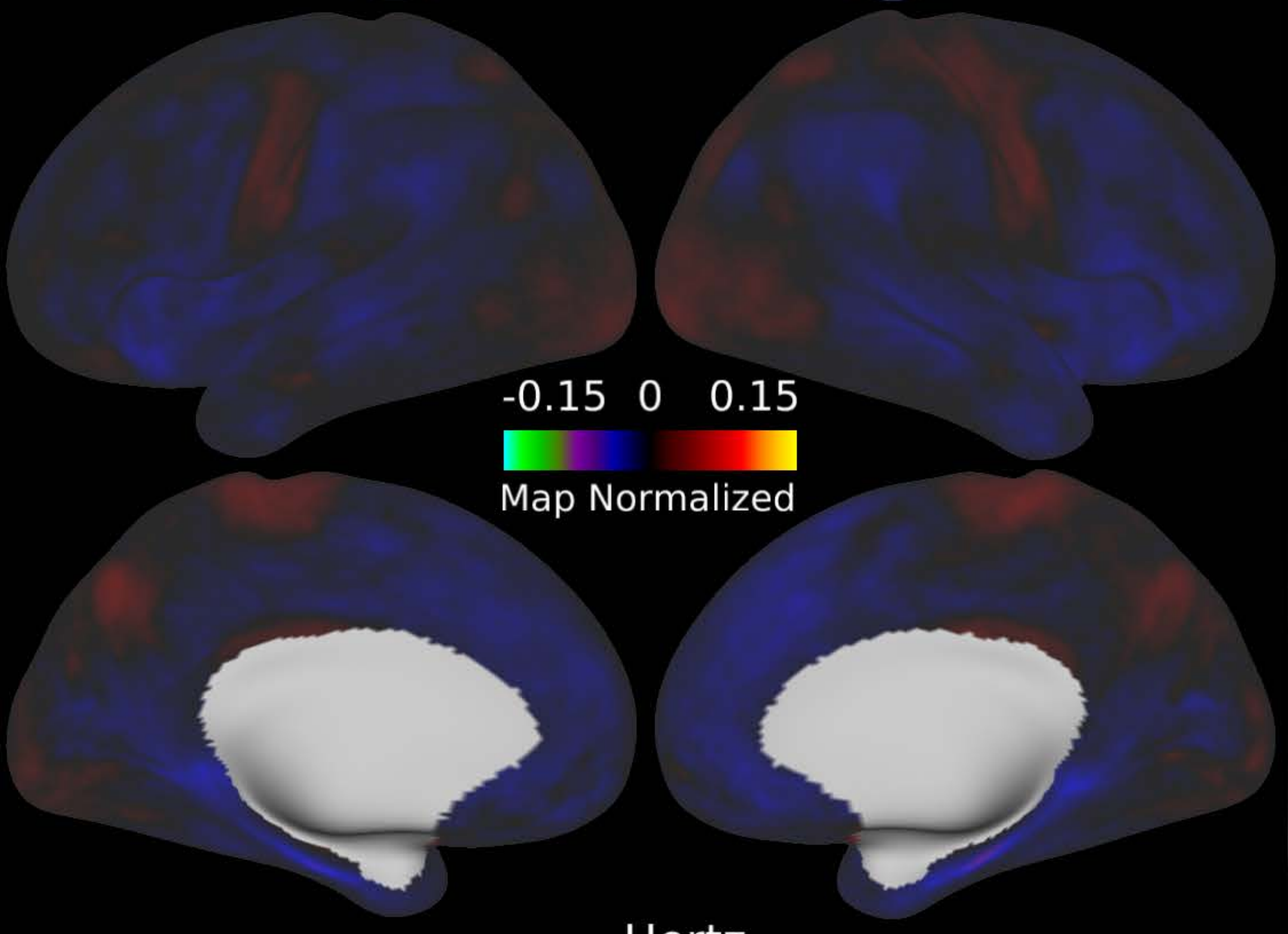


Number & Class: 41 Noise	Name: Bilateral Inferior Cerebellum	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: Yes	% Variance Explained: 0.9	Globality Index: 0.09
Rest Component: No	Taskr Component: 33	Task Modulated: No

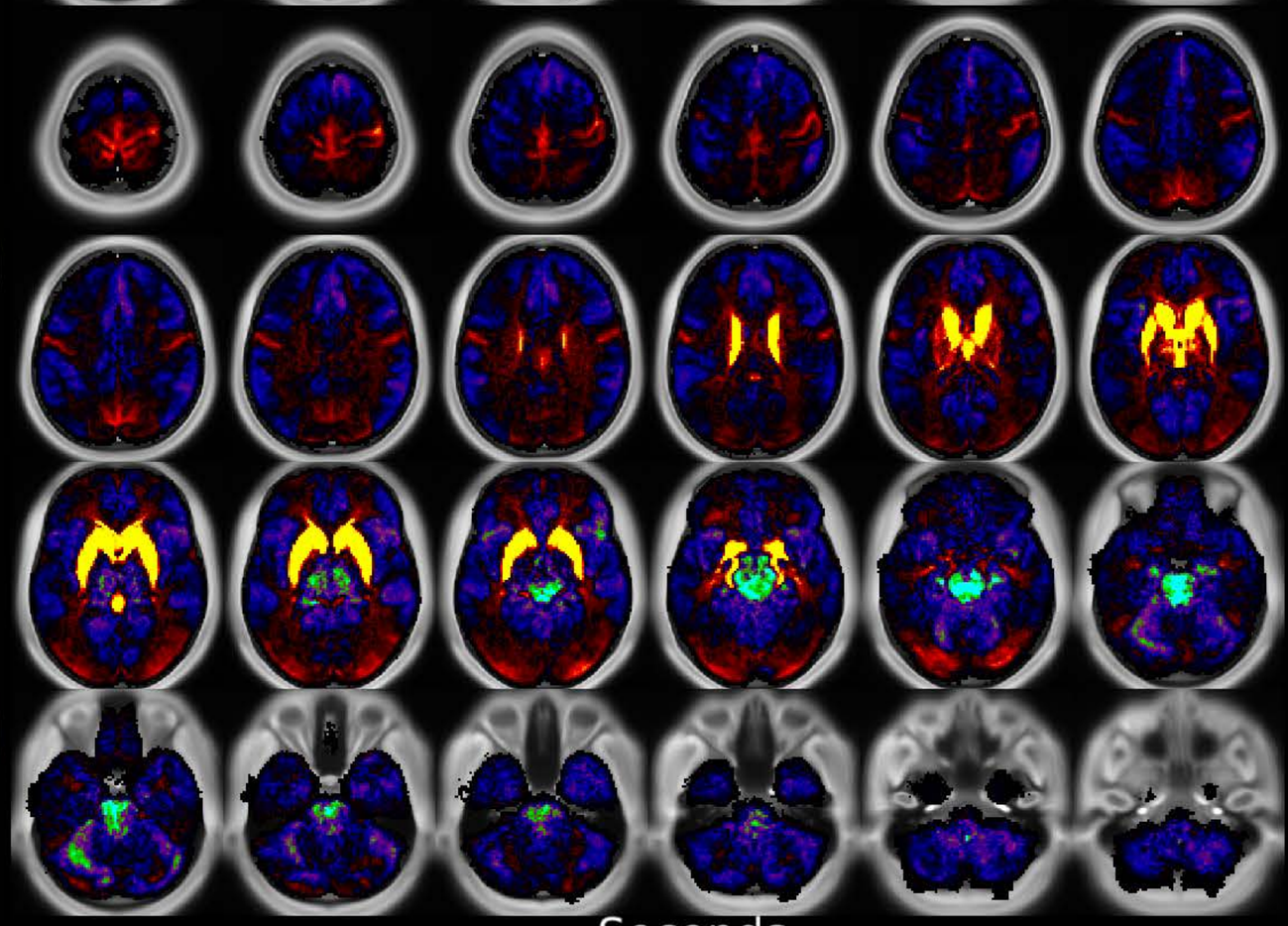
Rationale: Component is DVARS Dips associated and single subject; perhaps related to motion; reconstruction artifact; or unstructured noise







Hertz



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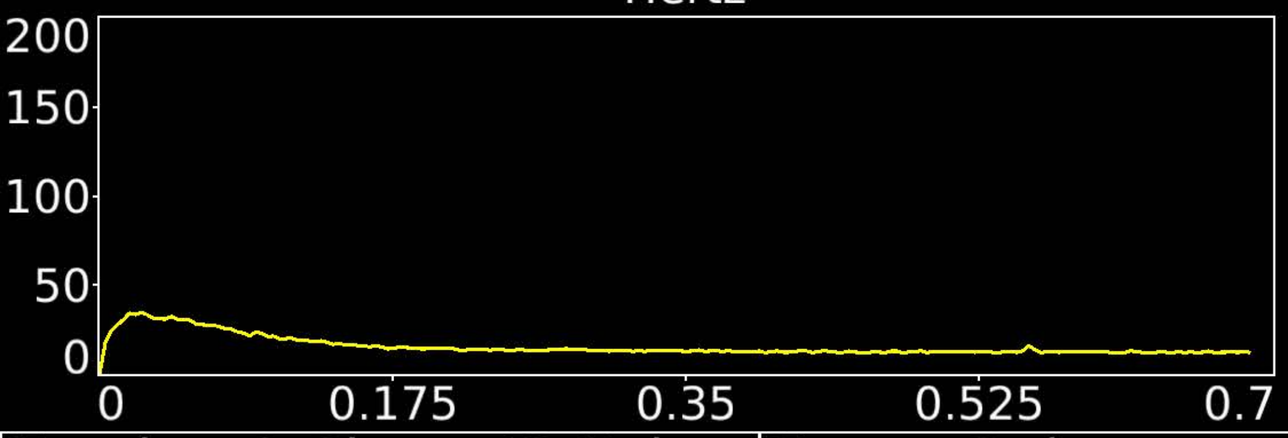
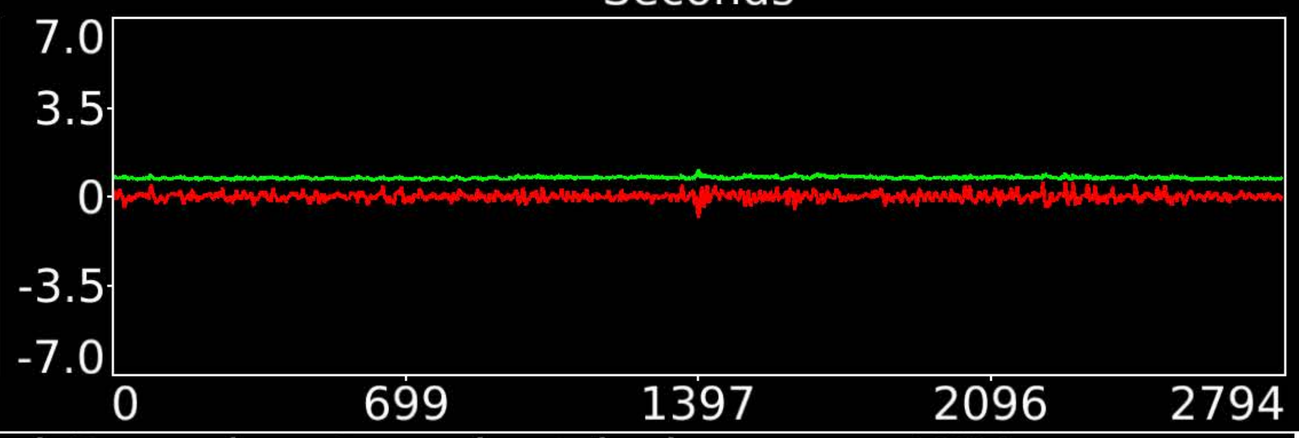
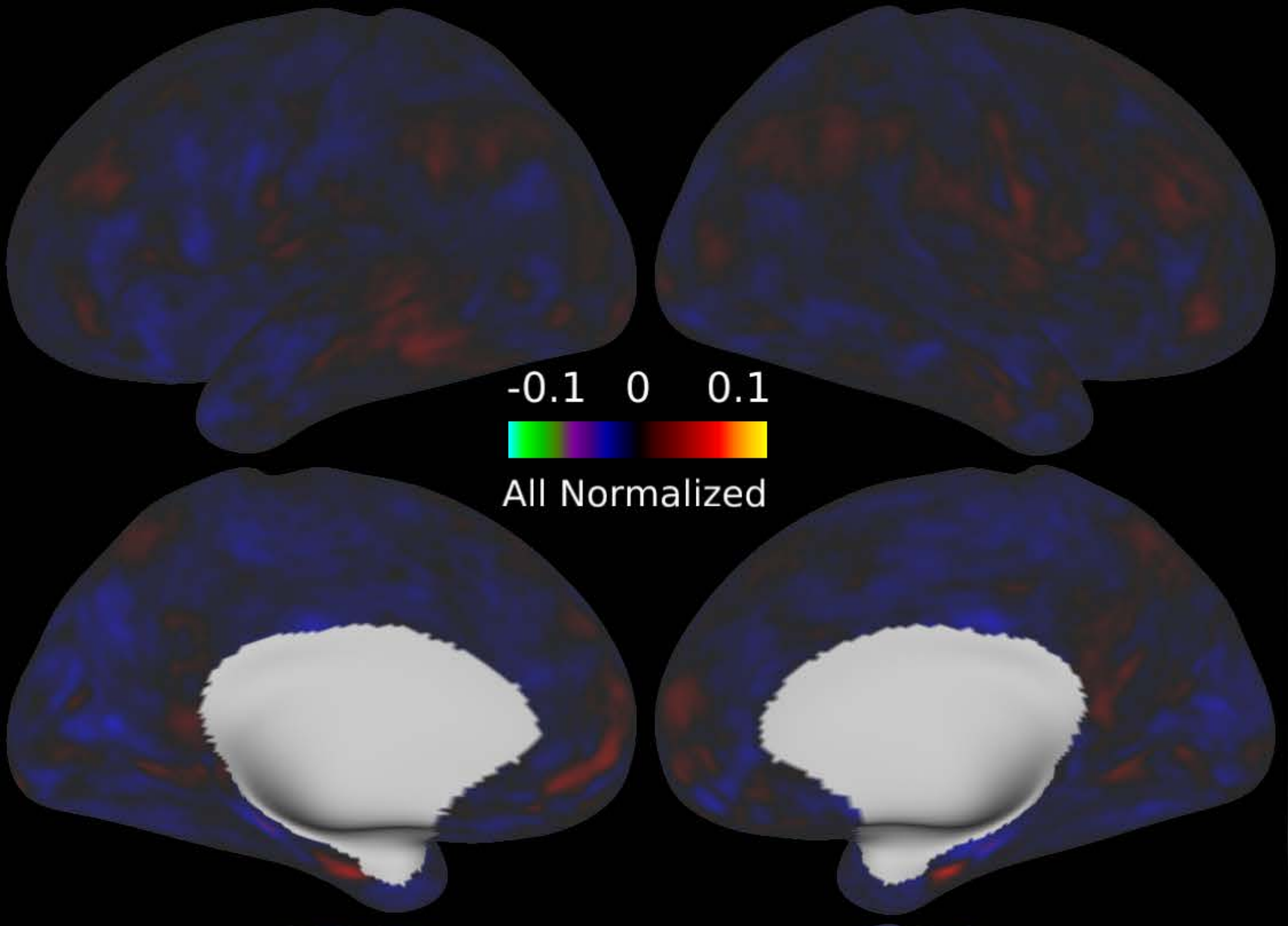
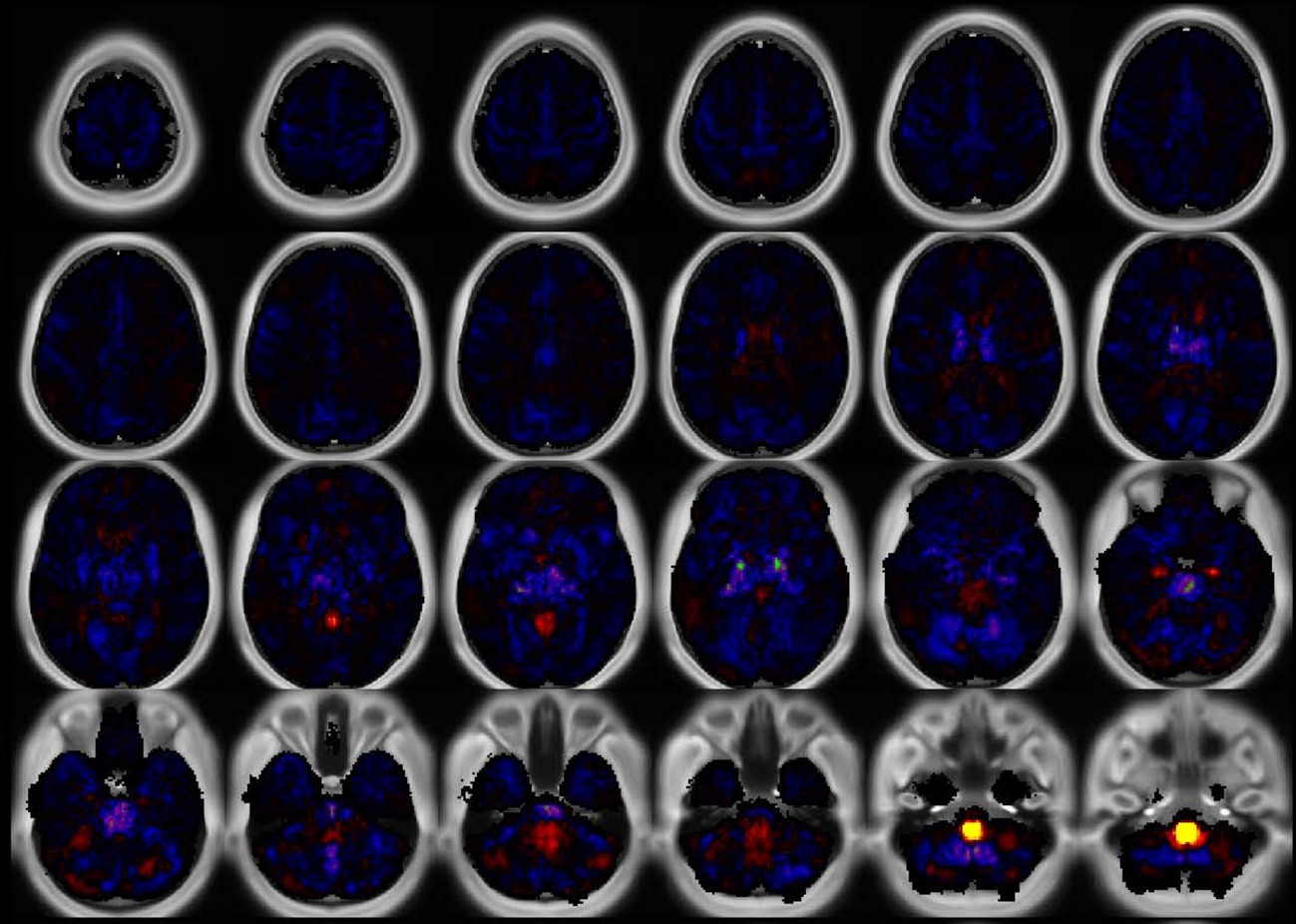


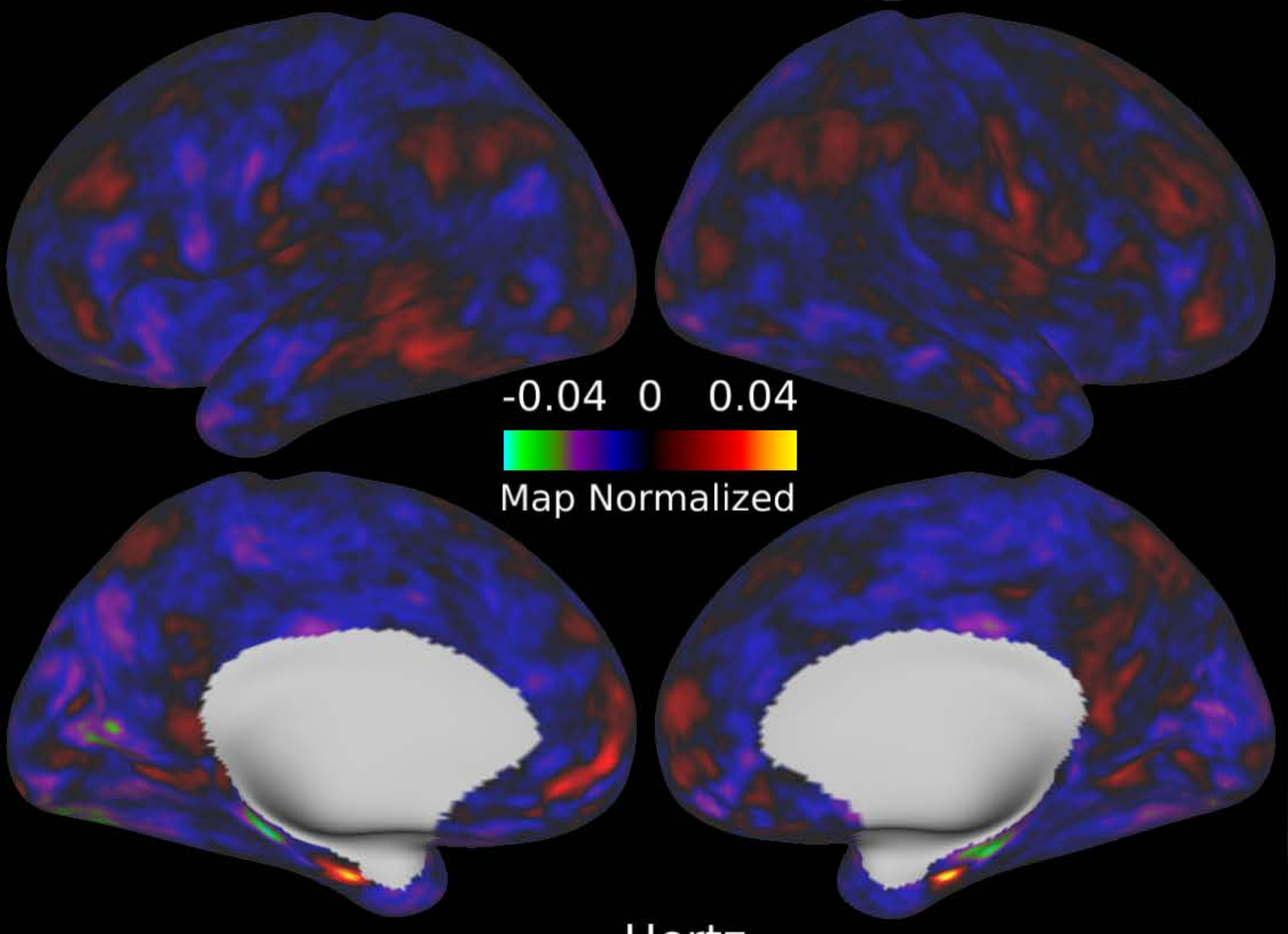


Number & Class: 42 Noise	Name: Striatum and Dorsal + Anterior Thalamus + WM	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.91	Globality Index: 1.48
Rest Component: 44	Taskr Component: 36	Task Modulated: No

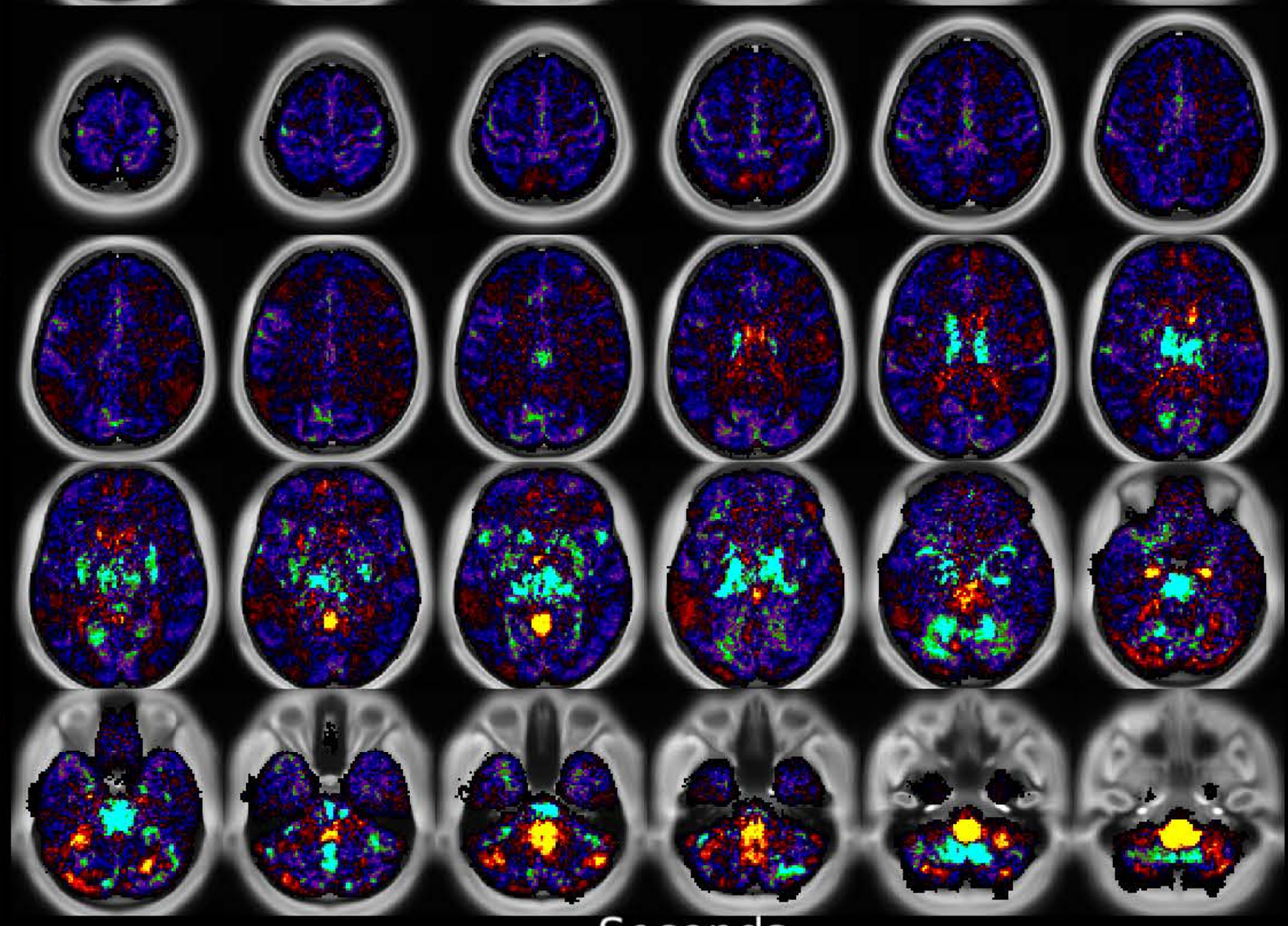
Rationale: Controversial: Diencephalon together with surrounding white matter positive vs rest of brain negative; could be due to differing vascular supplies







Hertz



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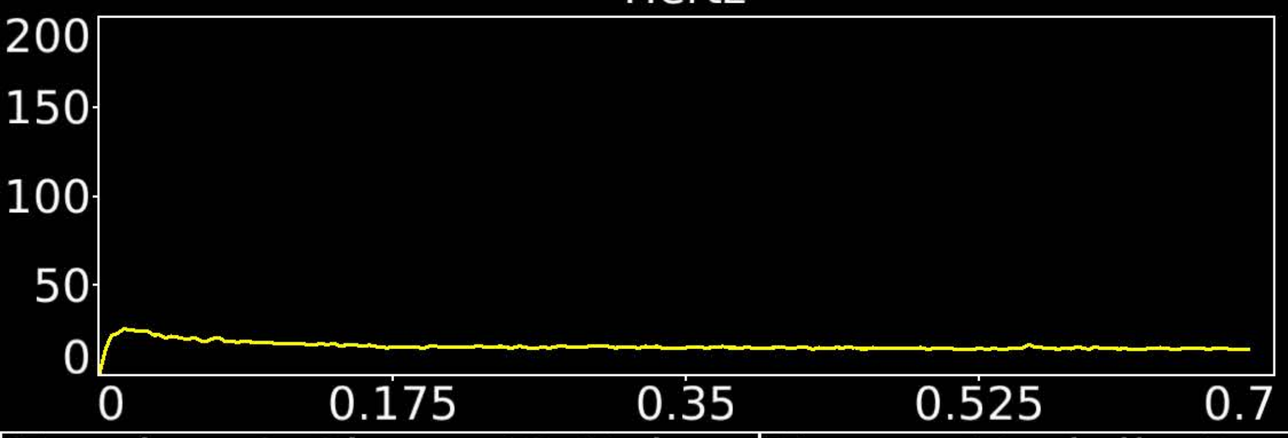
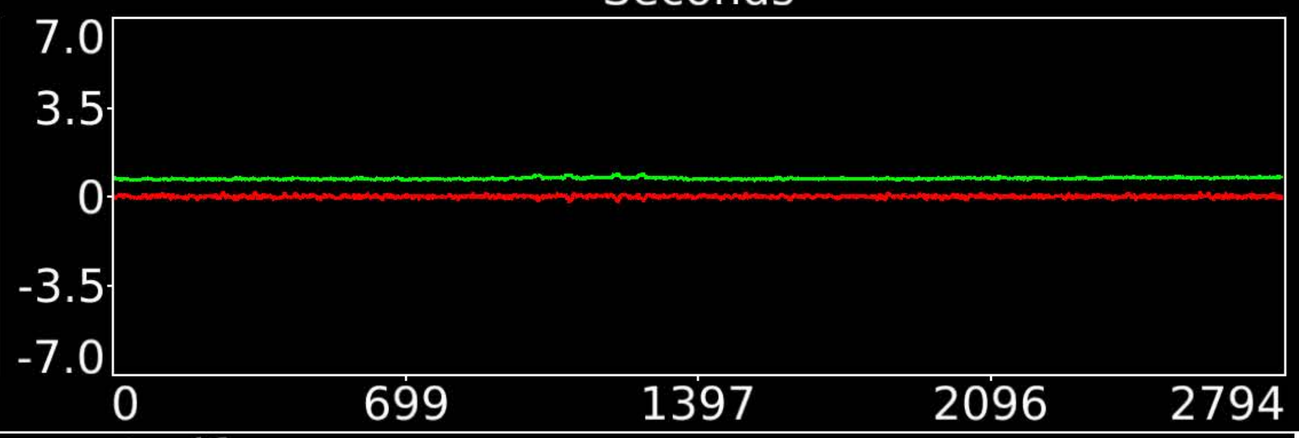
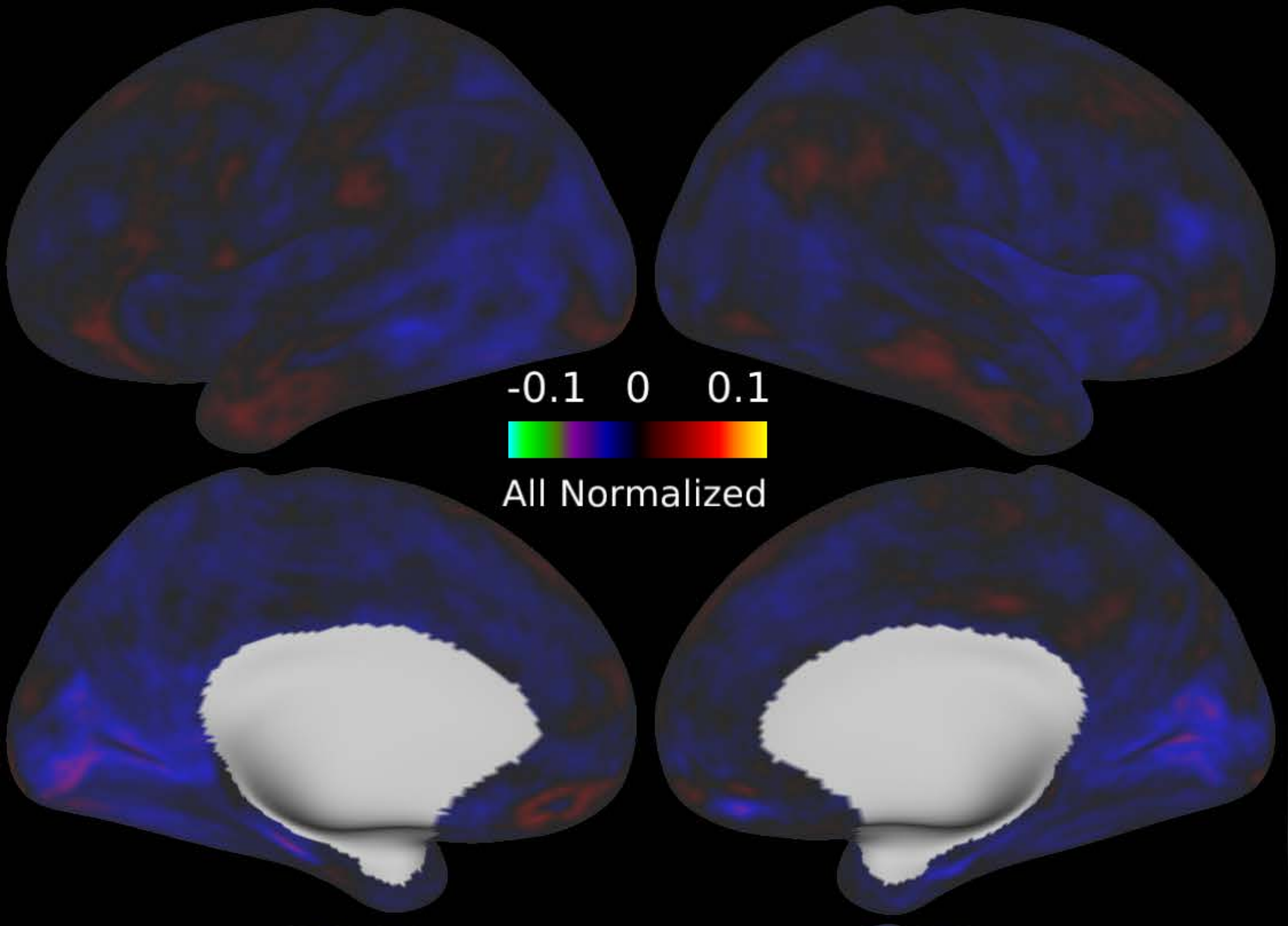
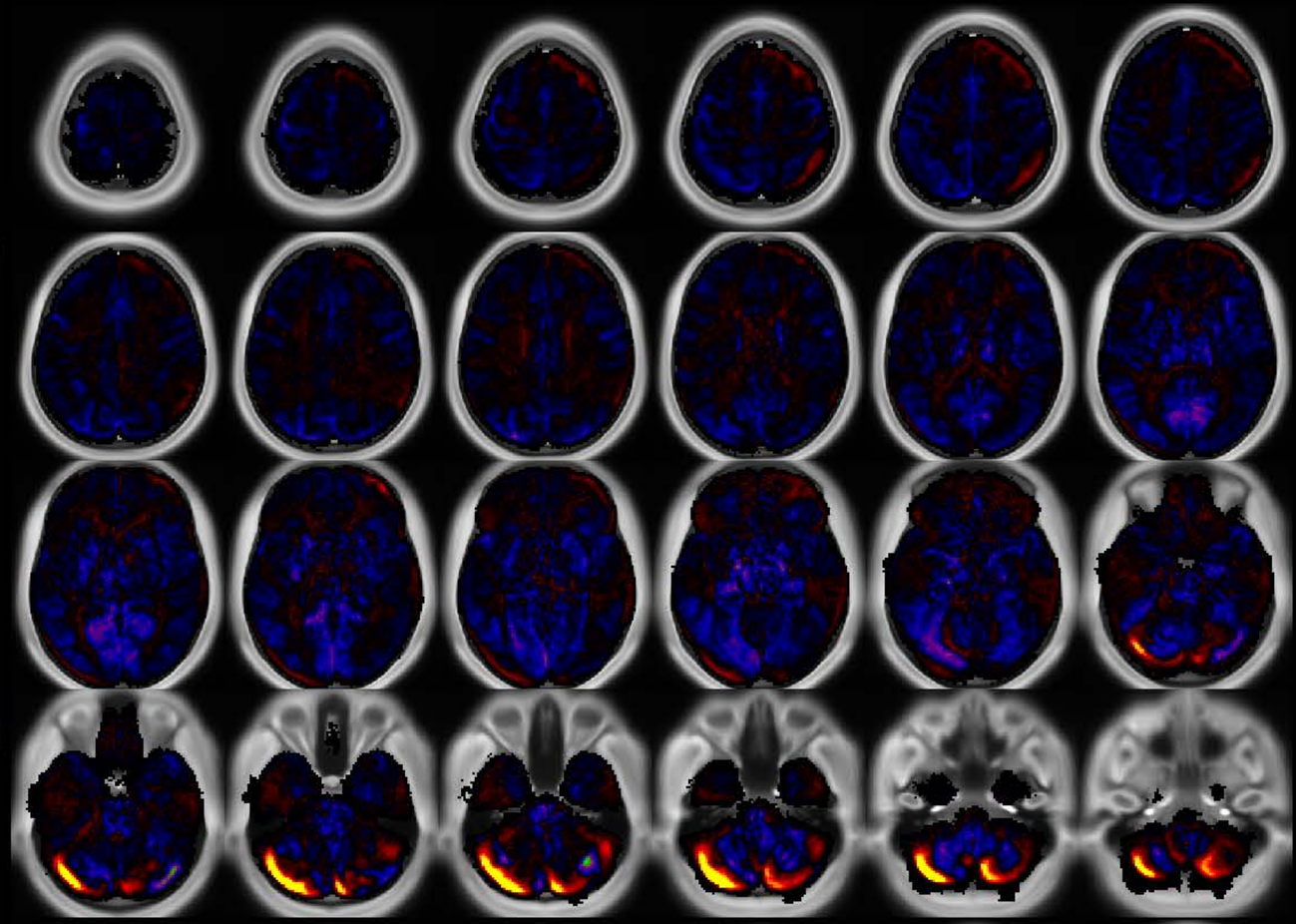


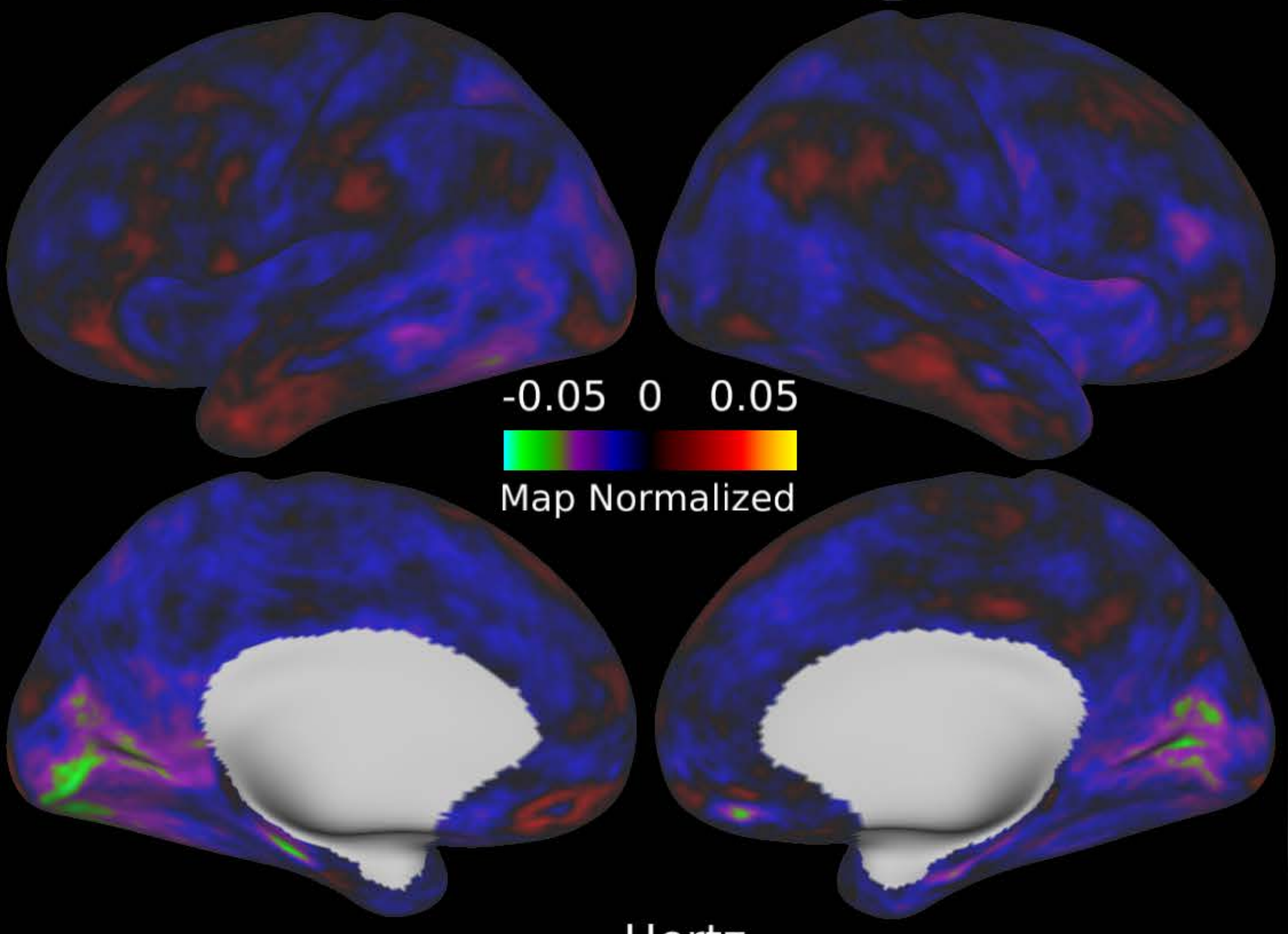


Number & Class: 43 Noise	Name: Medulla Recon Artifact	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 0.89	Globality Index: 1.64
Rest Component: 46	Taskr Component: 38	Task Modulated: No

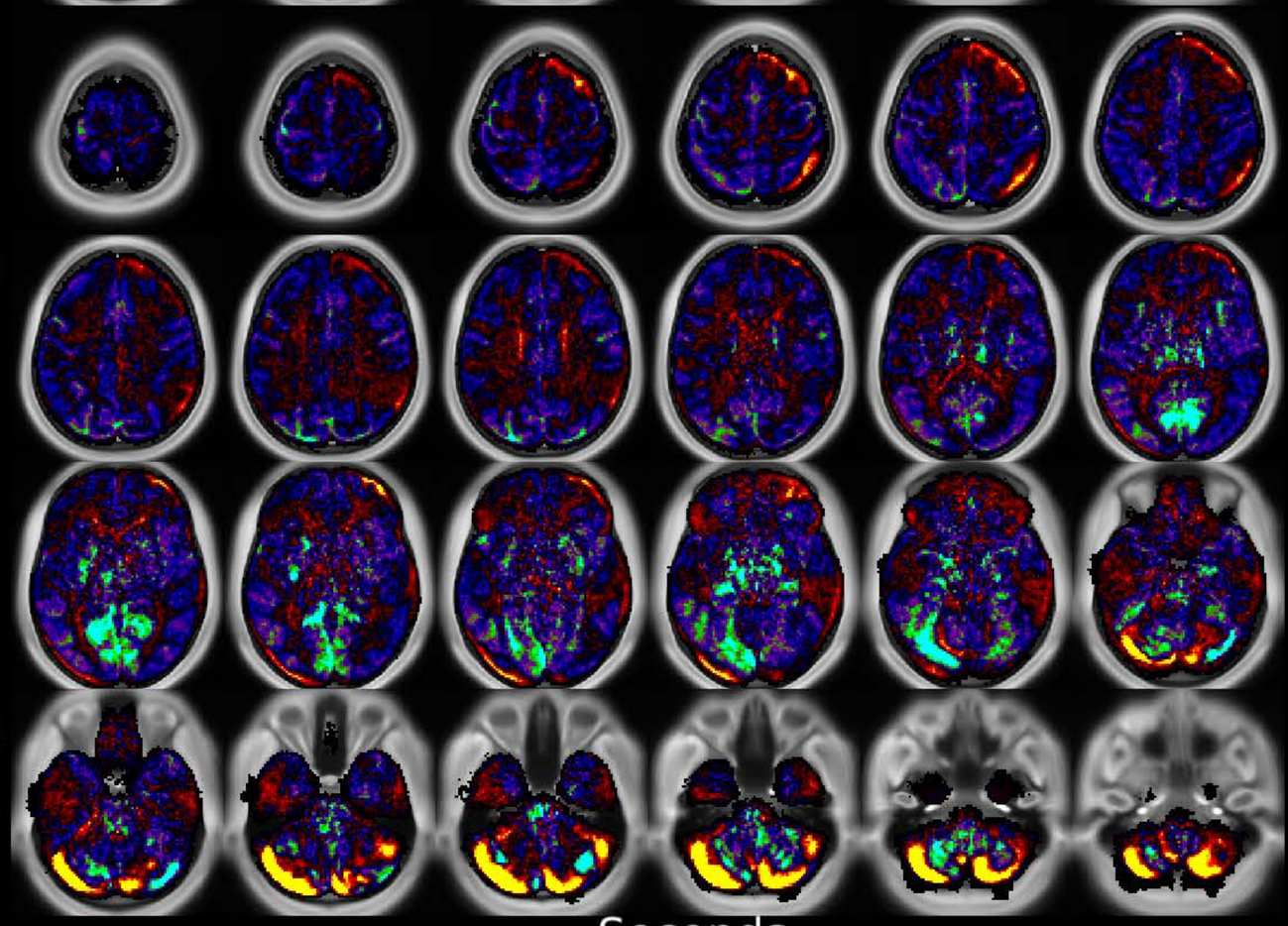
Rationale: Spatial map not reflective of known areas or RSNs without connectivity other brain structures; some banding in sagittal plane suggestive of multi-band recon



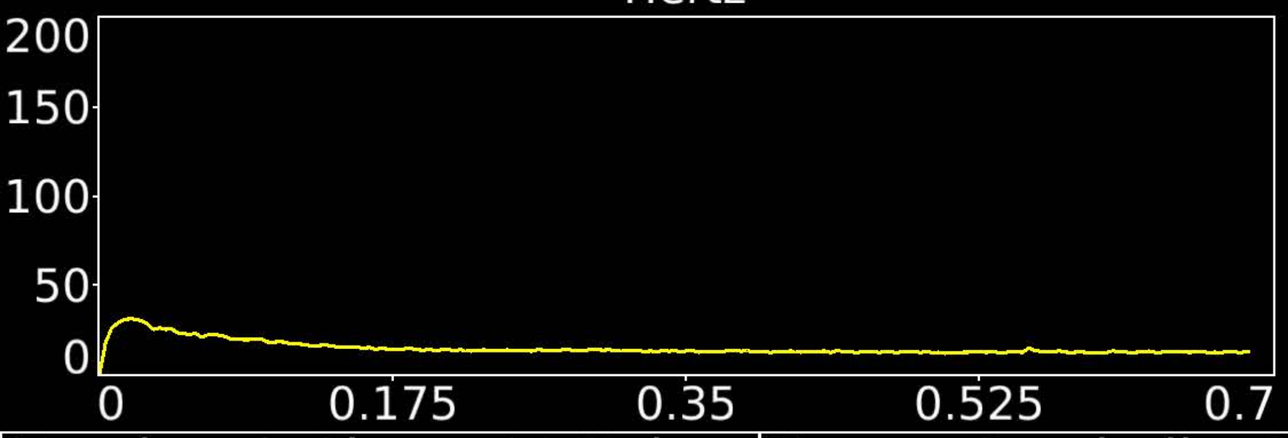


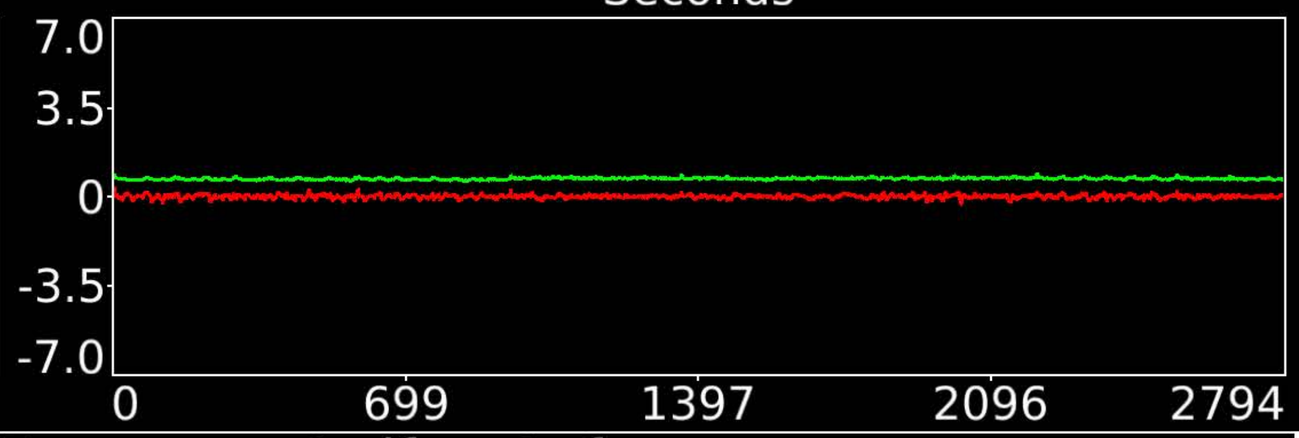


Hertz



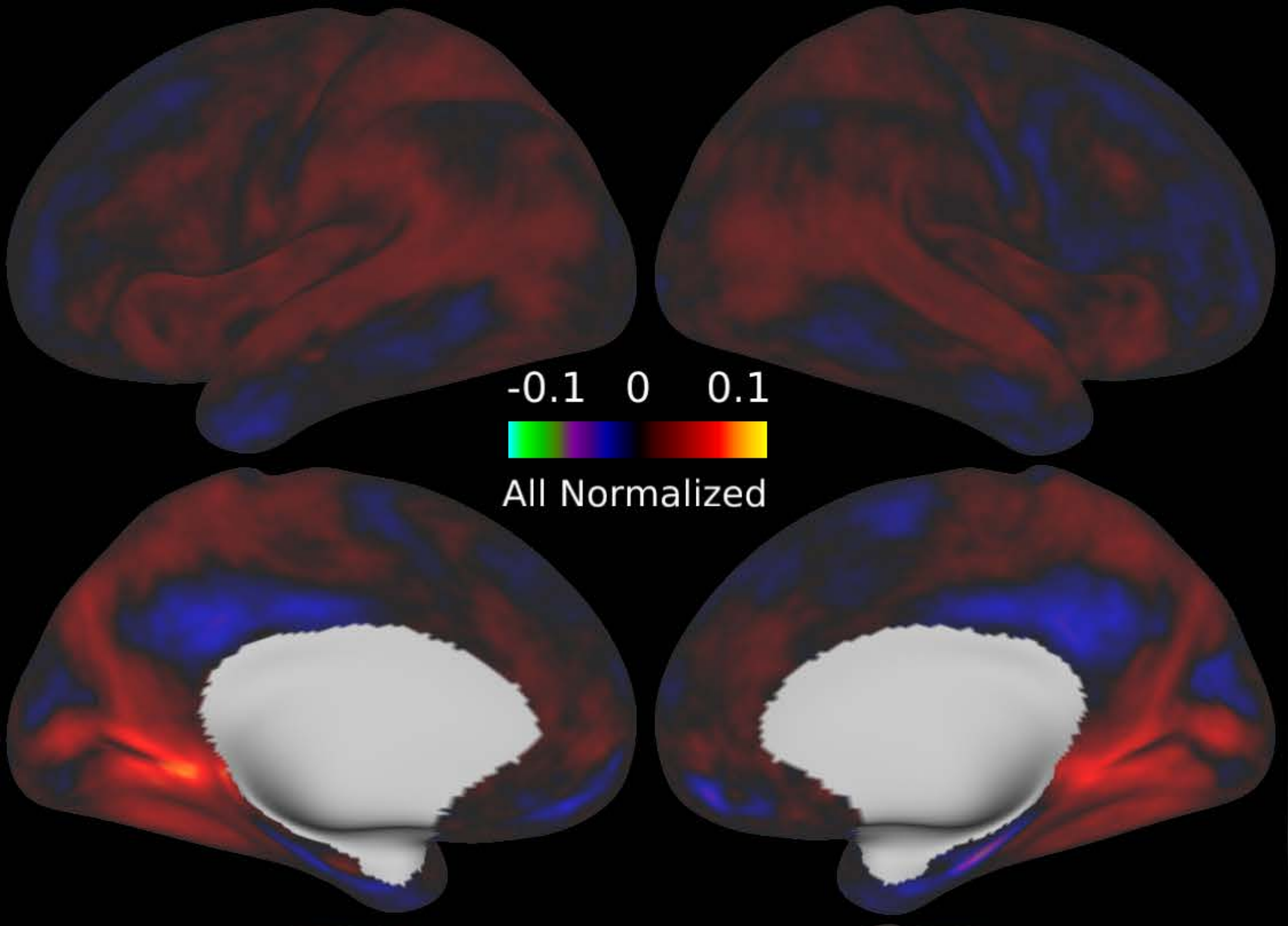
Seconds

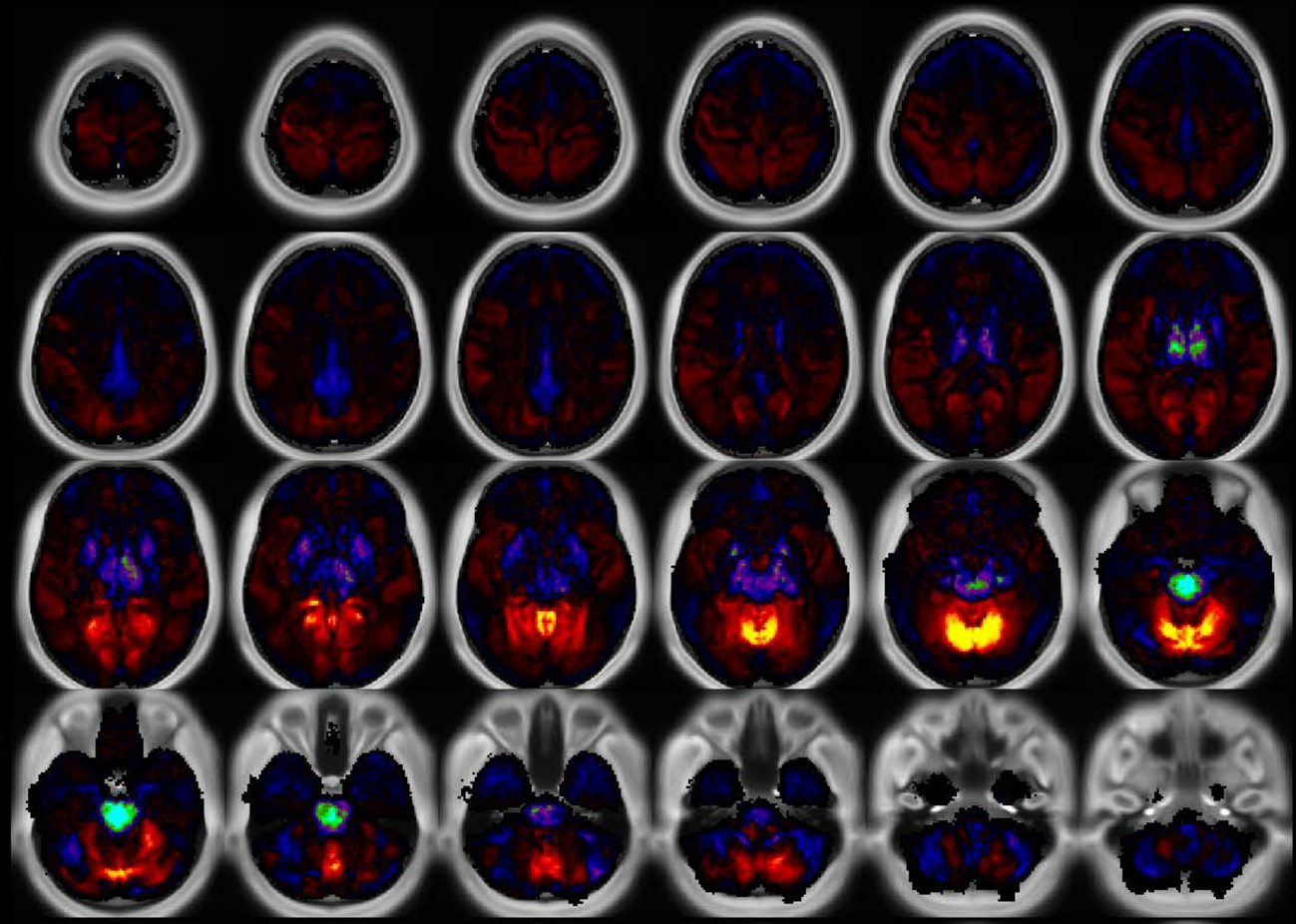


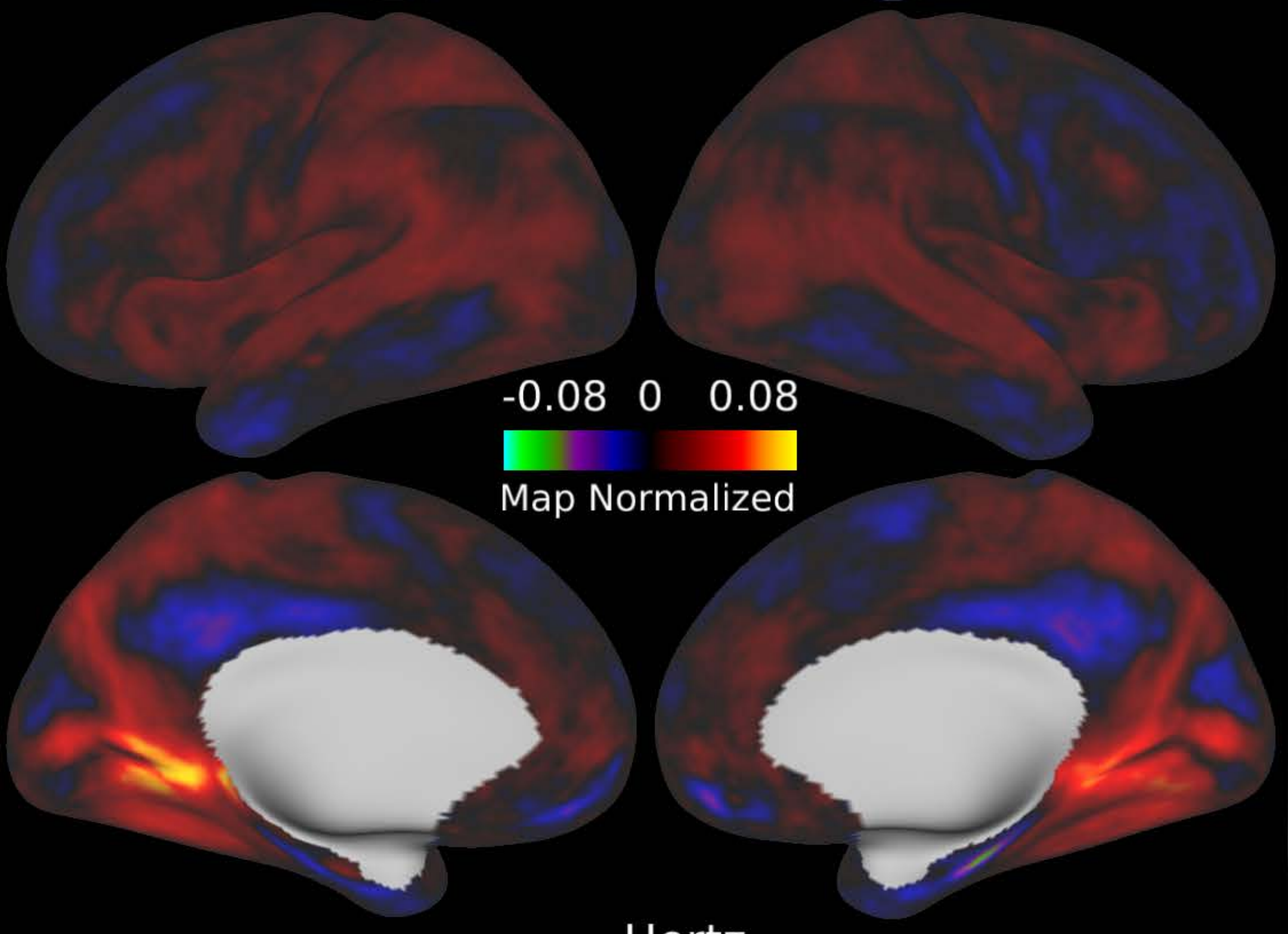


Number & Class: 44 Noise	Name: Cerebellar Movement Artifact Left	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: Yes	% Variance Explained: 0.86	Globality Index: 1.64
Rest Component: 57	Taskr Component: 34	Task Modulated: No

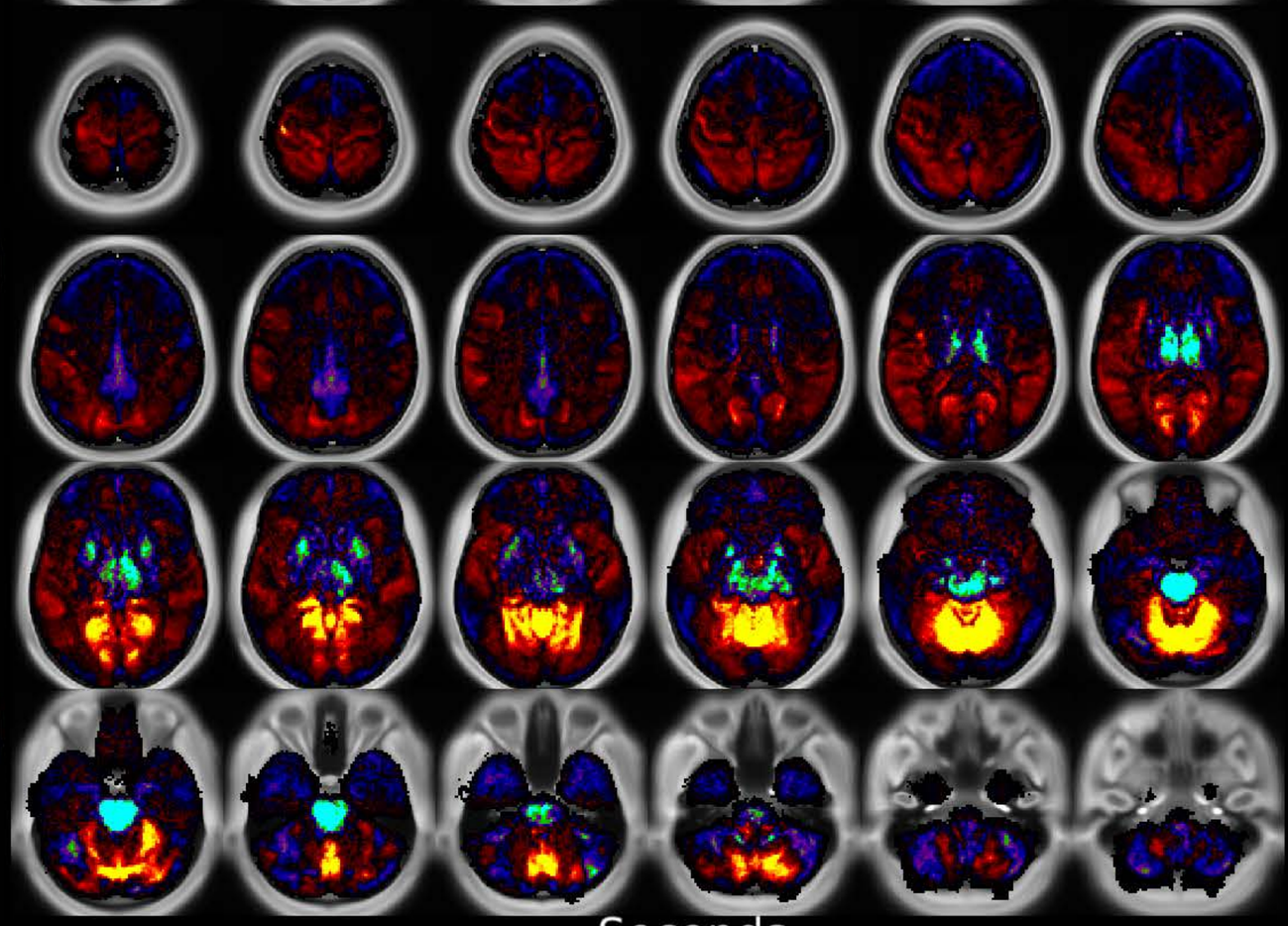
Rationale: Cerebellar edge motion component with high correlation to DVARS dips; looks like movement regressor beta map (derivative of X translation)







Hertz



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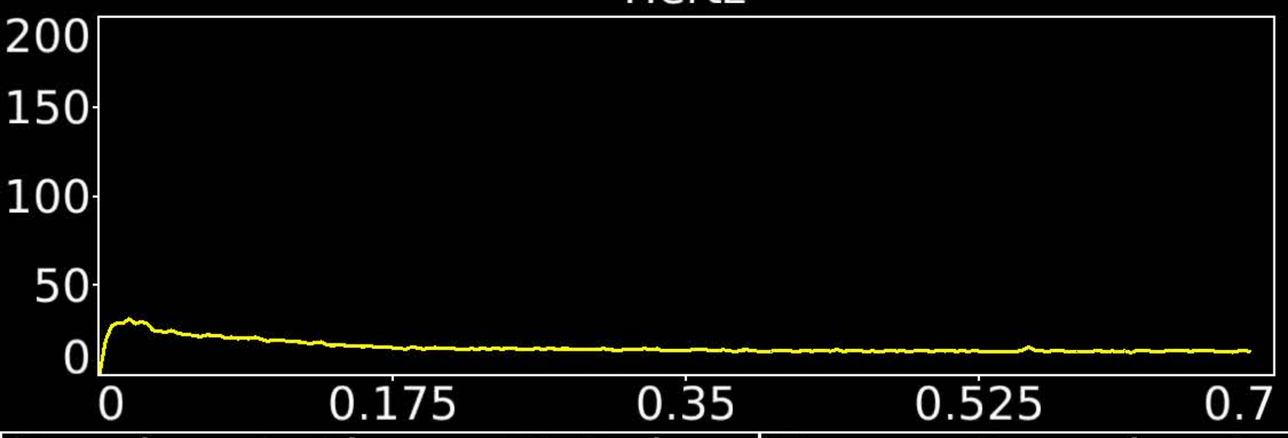
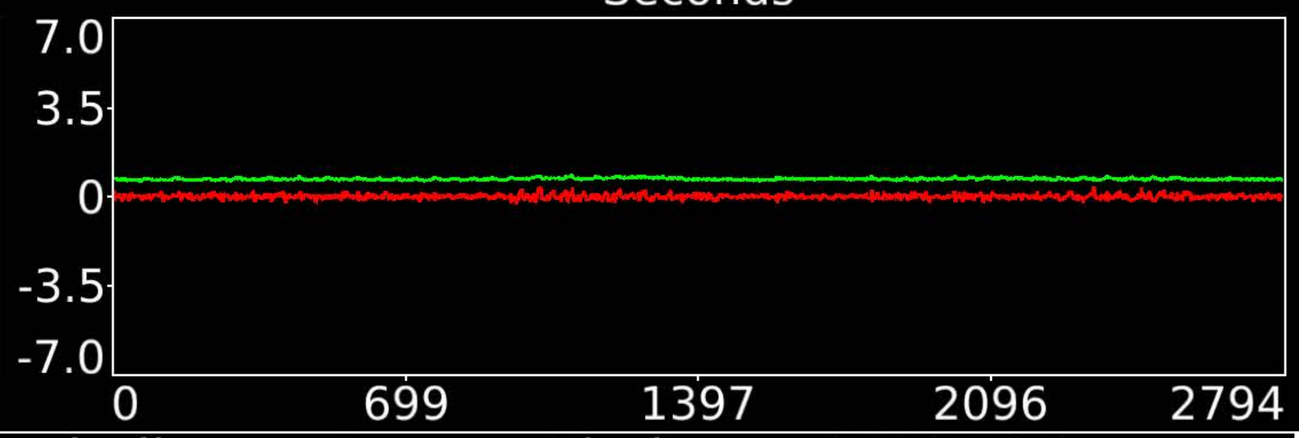
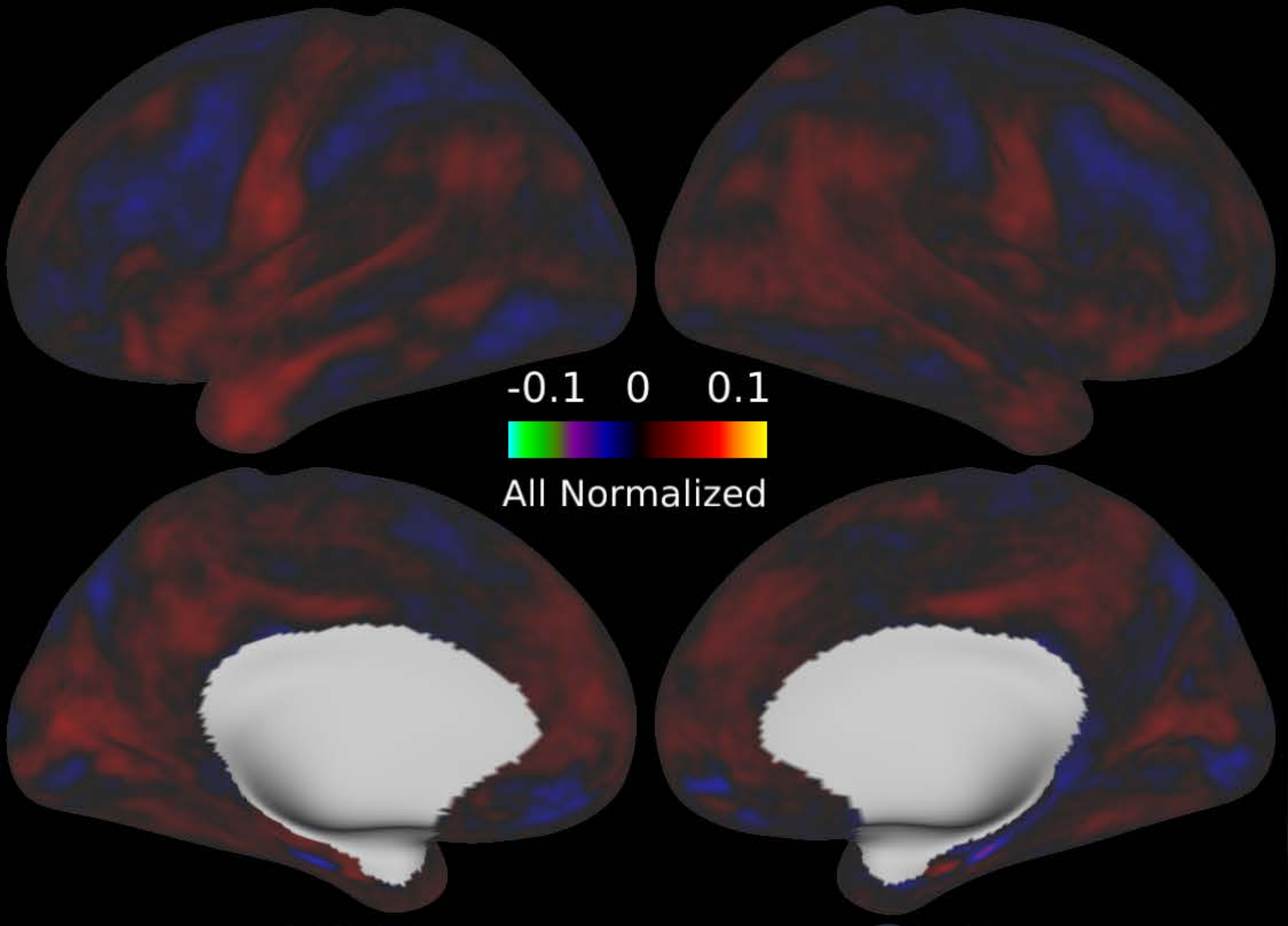
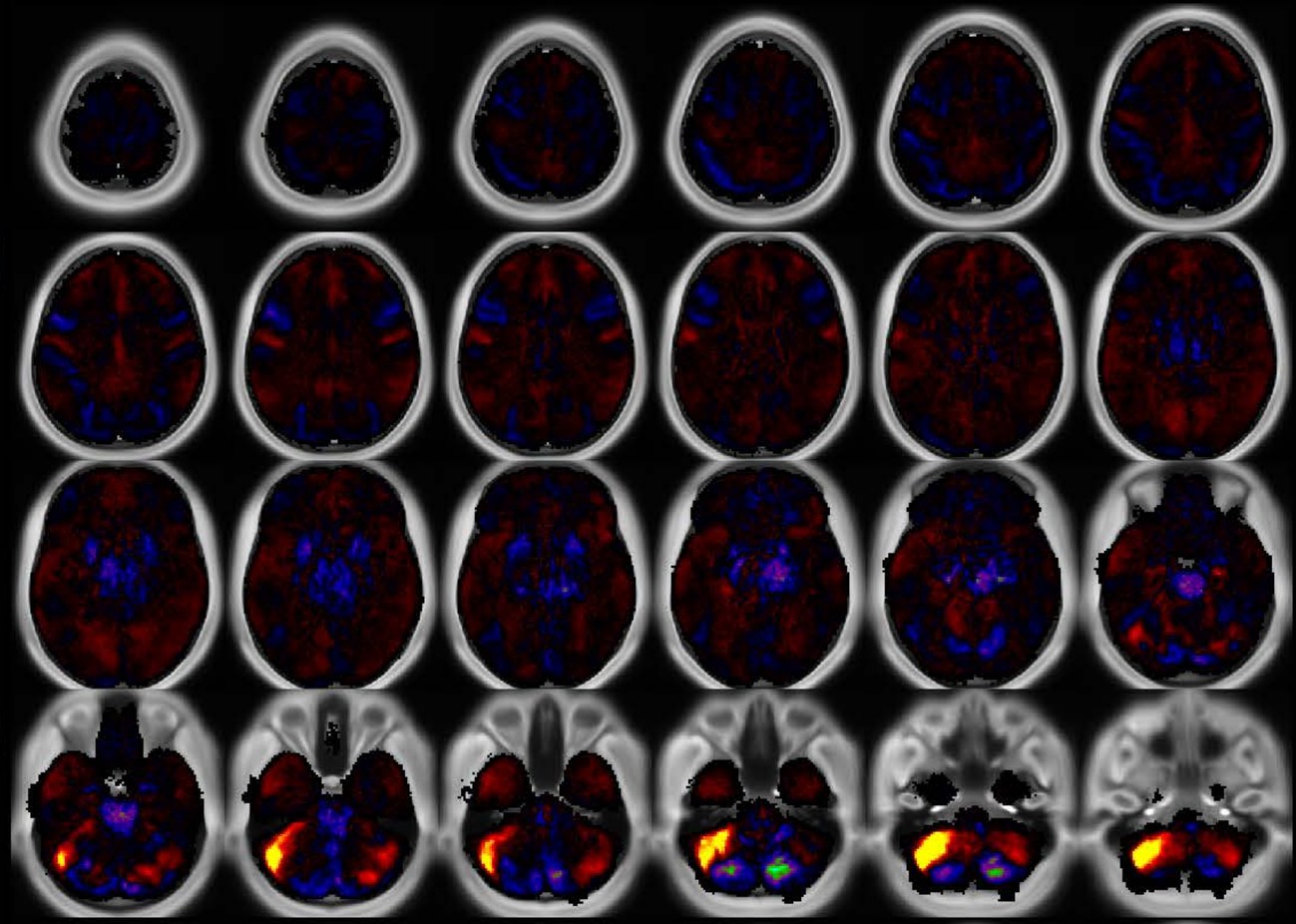


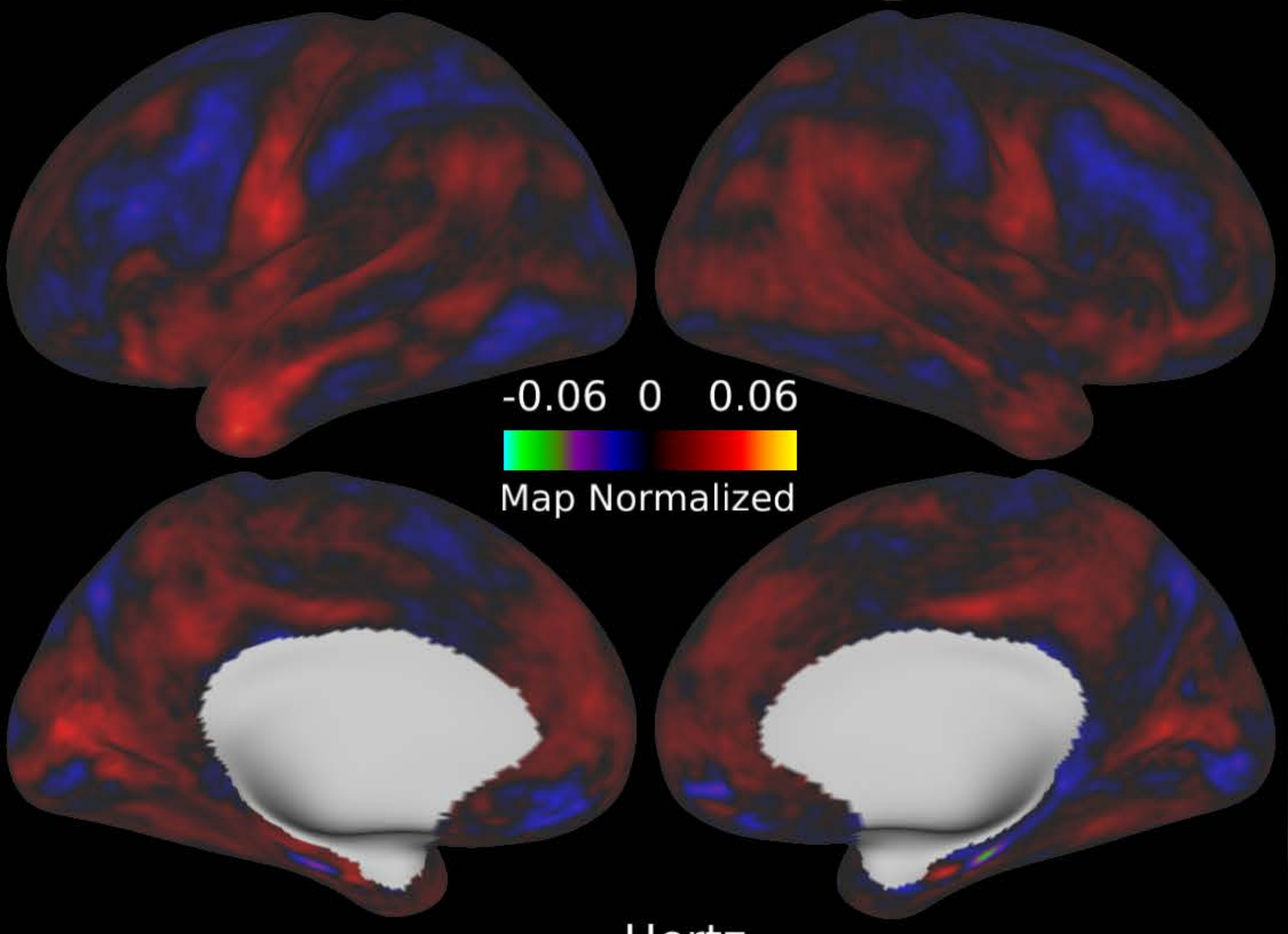


Number & Class: 45 Noise	Name: Superior Cerebellum > Pons + Thalamus DVARS Assoc	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.8	Globality Index: 0.79
Rest Component: No	Taskr Component: 41	Task Modulated: No

Rationale: Spatial map not reflective of known areas or RSNs
DVARS dips associated







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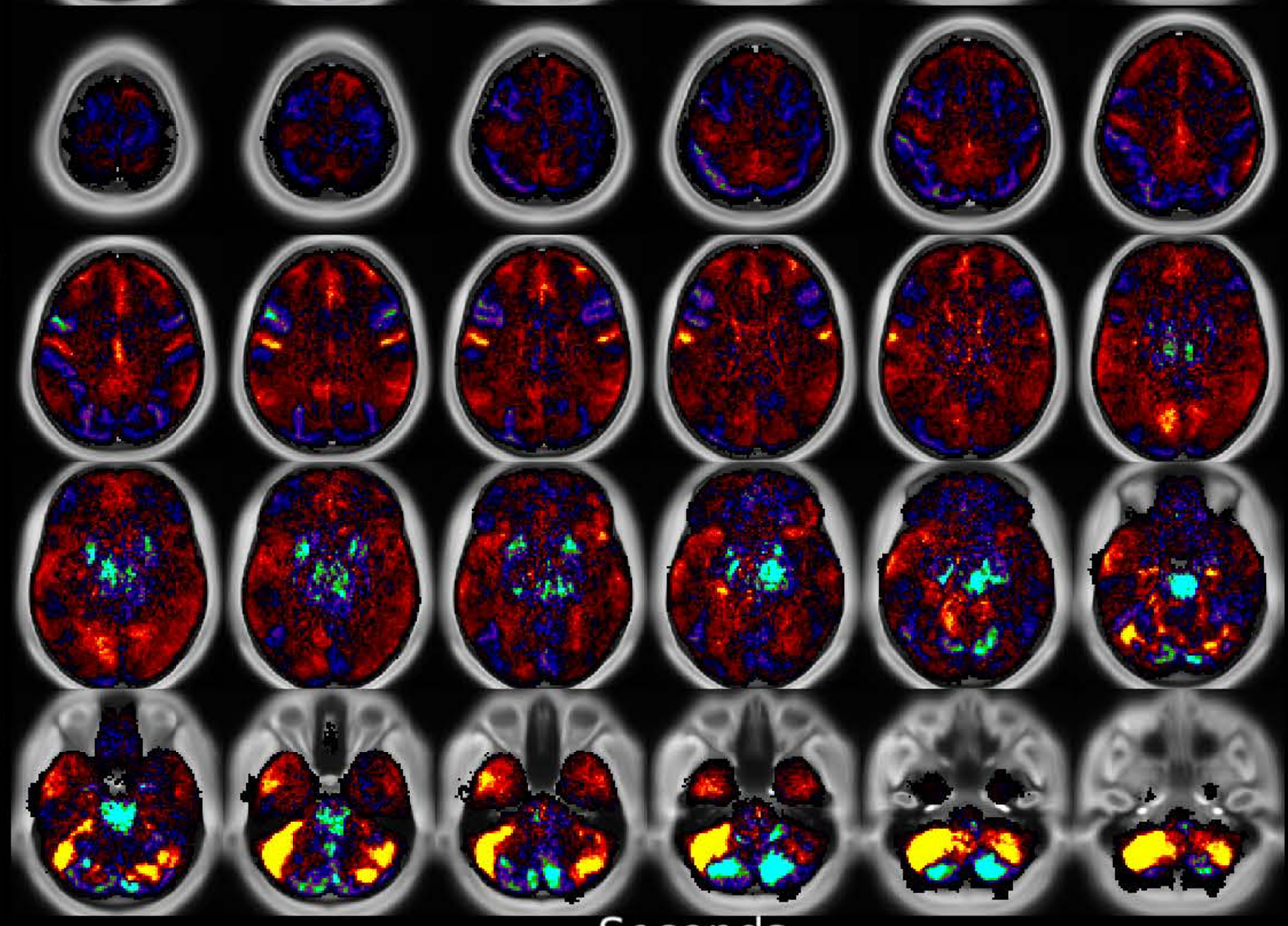

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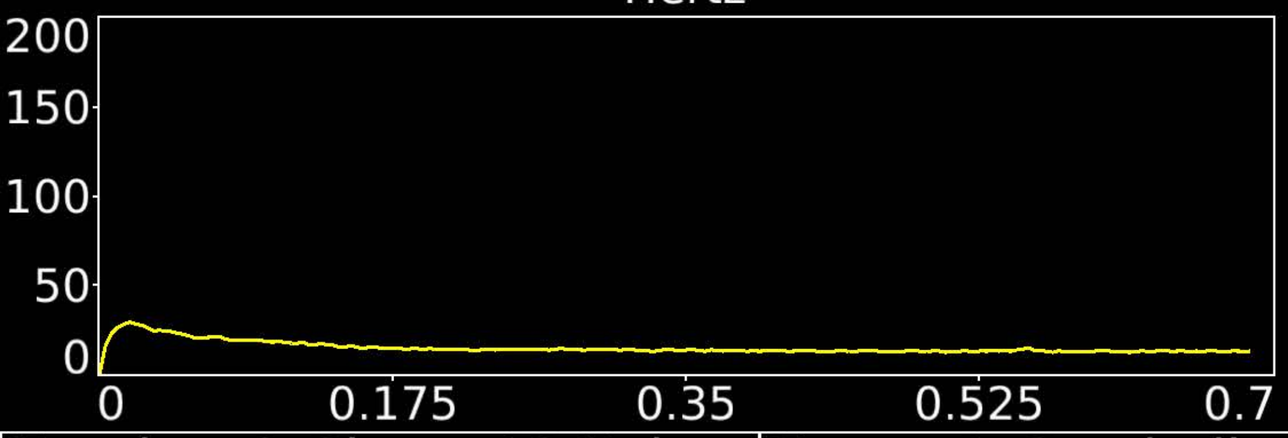
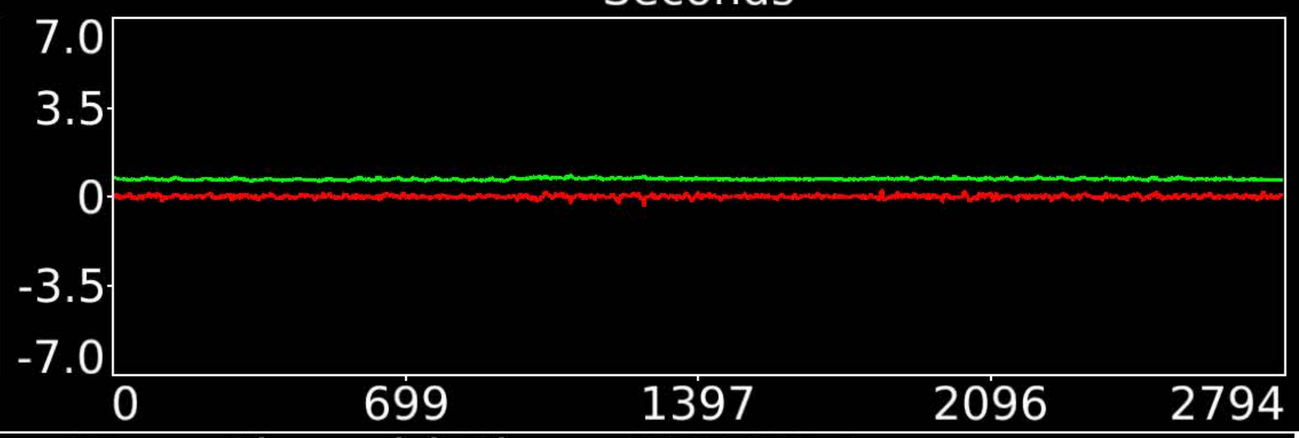
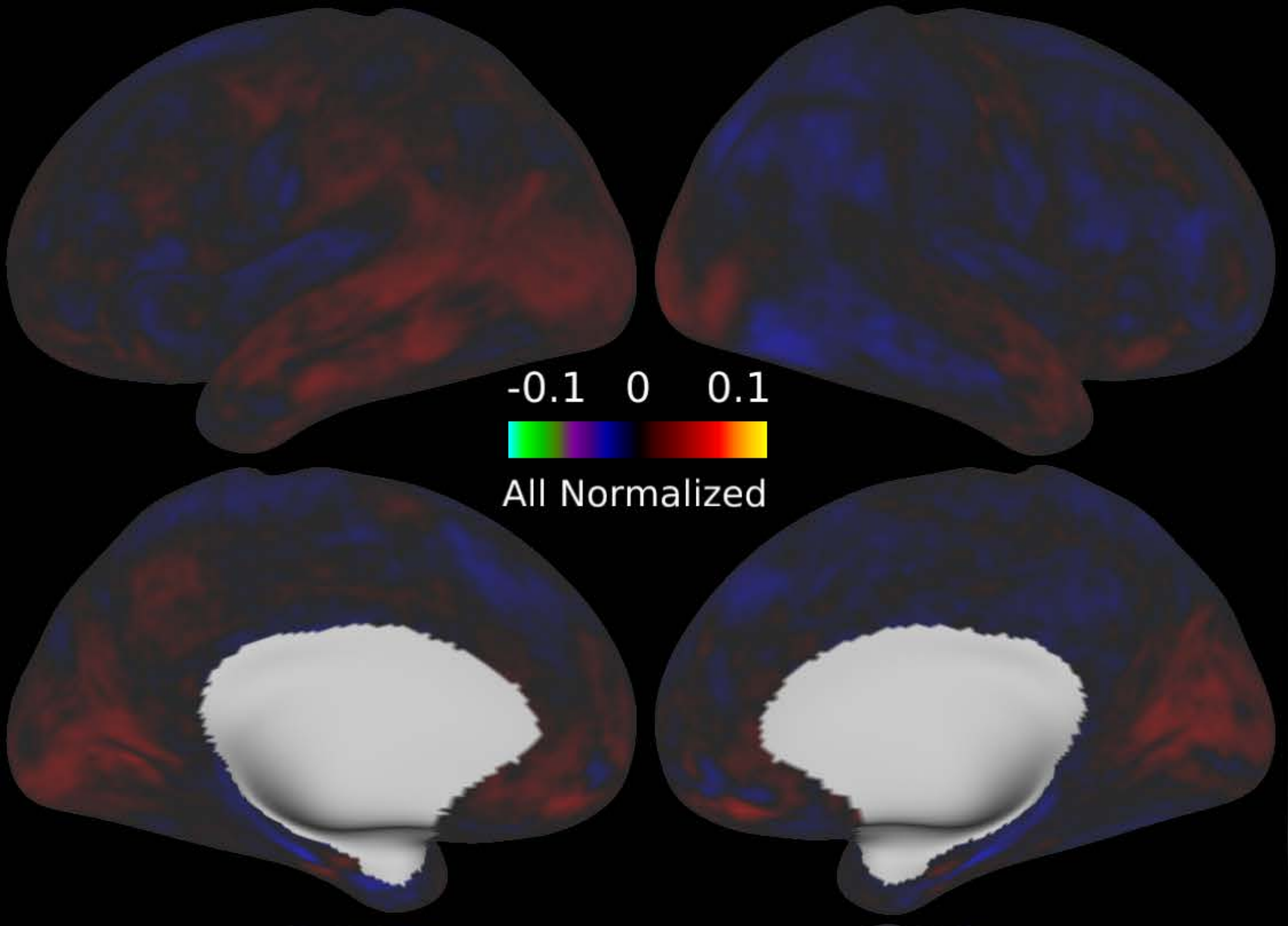
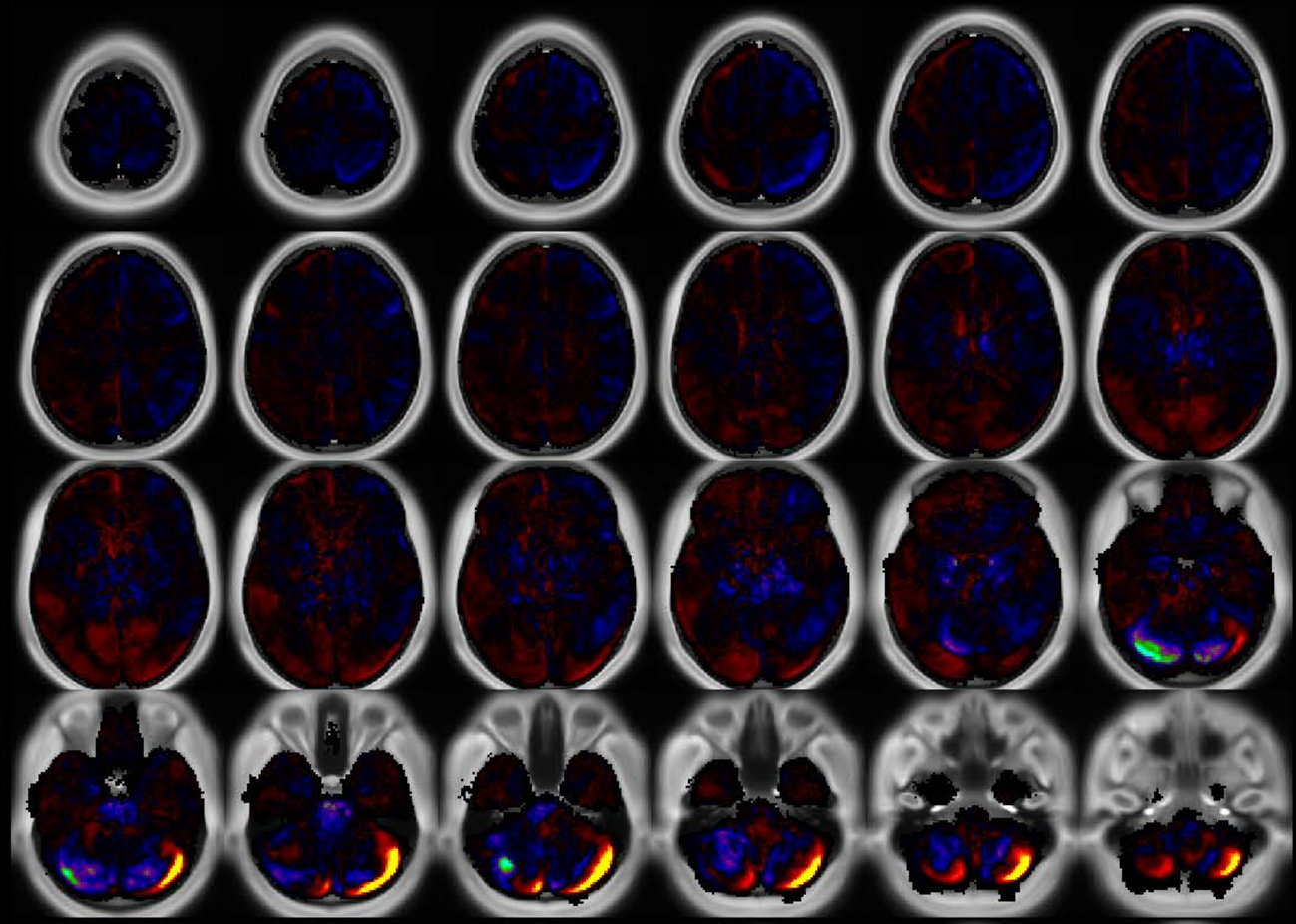
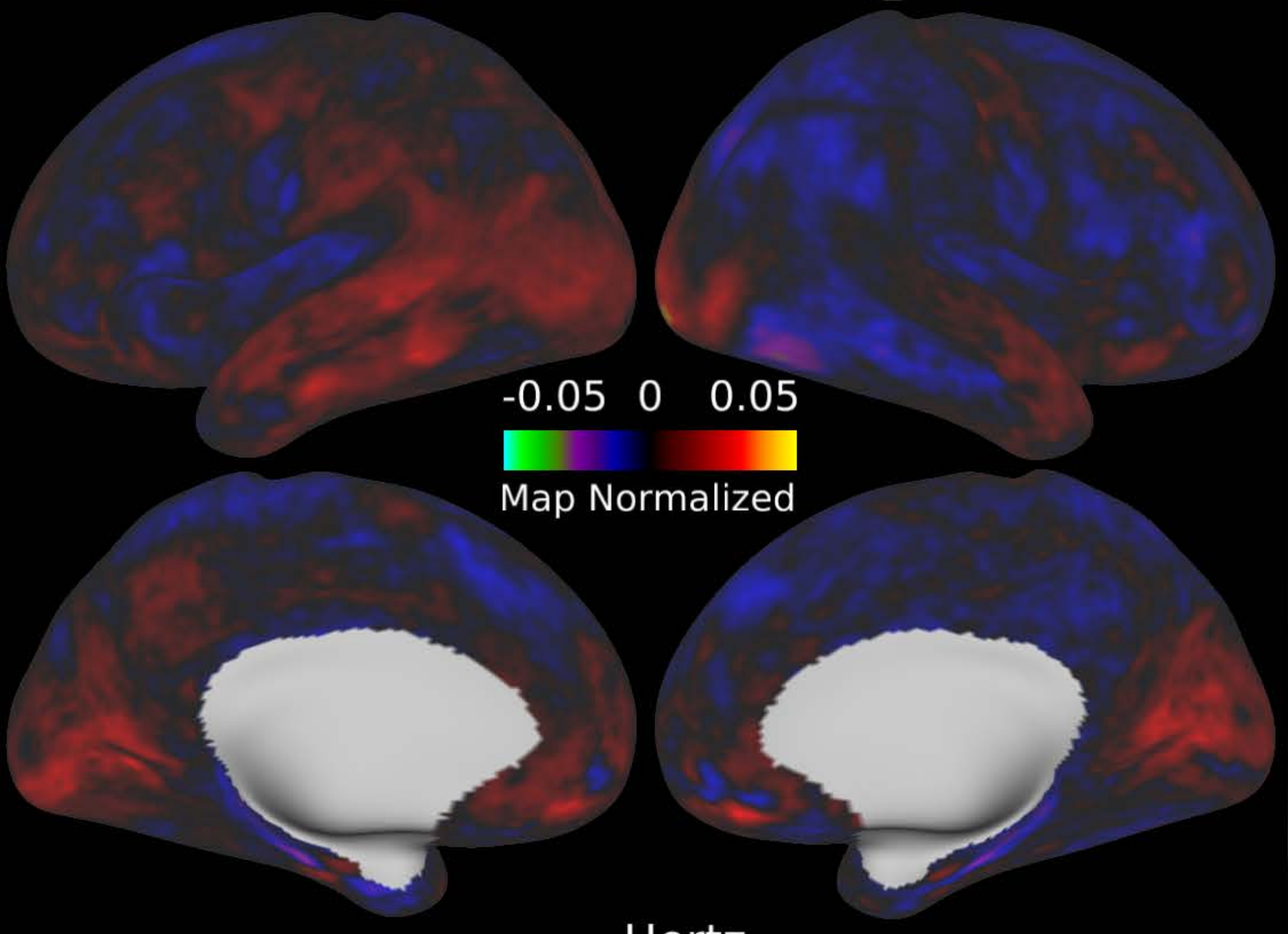




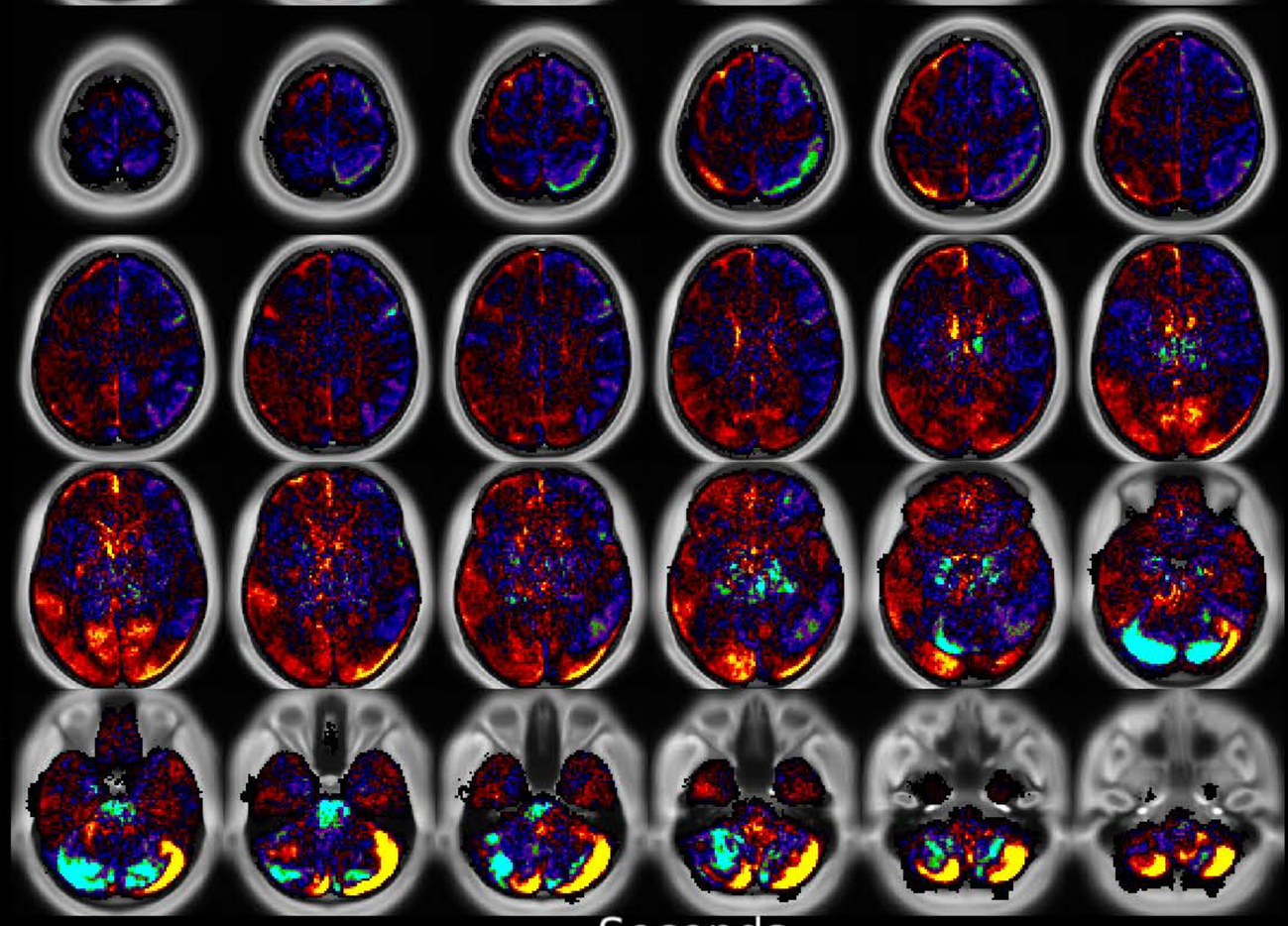
Number & Class: 46 Noise	Name: L Cerebellum Near Sigmoid Sinus DVARS Assoc	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: Yes	% Variance Explained: 0.79	Globality Index: 0.44
Rest Component: No	Taskr Component: 42	Task Modulated: No
Rationale: Cerebellar edge motion component with high correlation to DVARS dips; likely motion related		



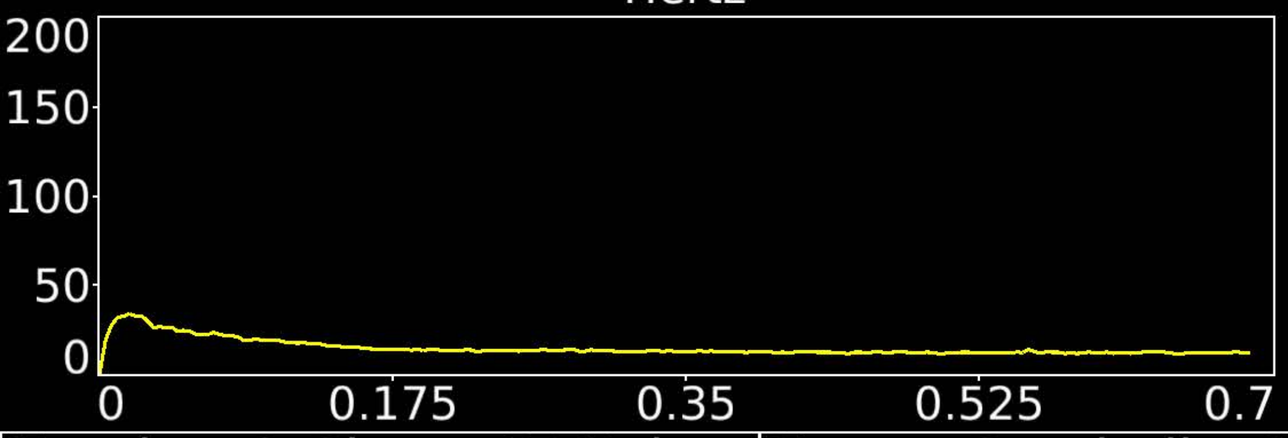


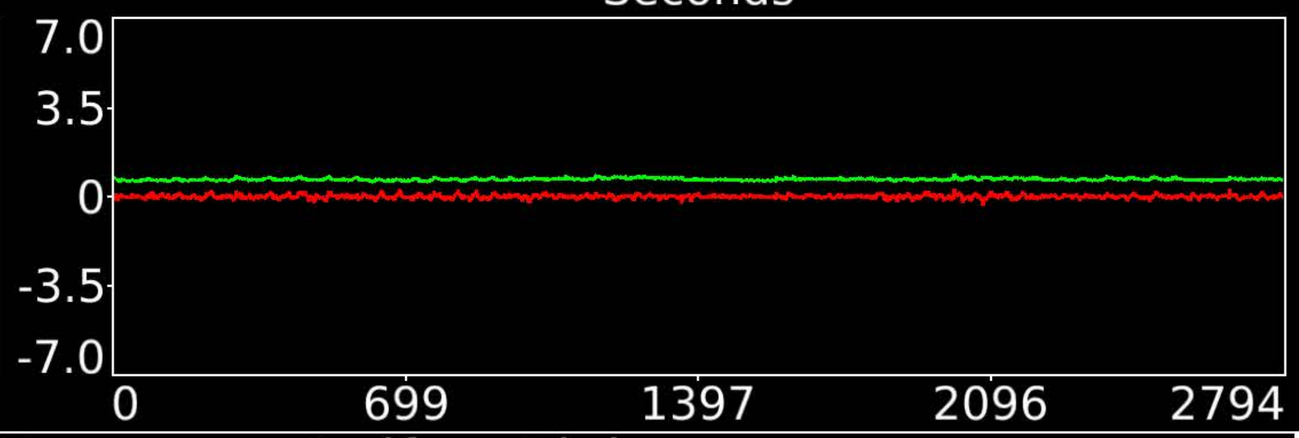


Hertz



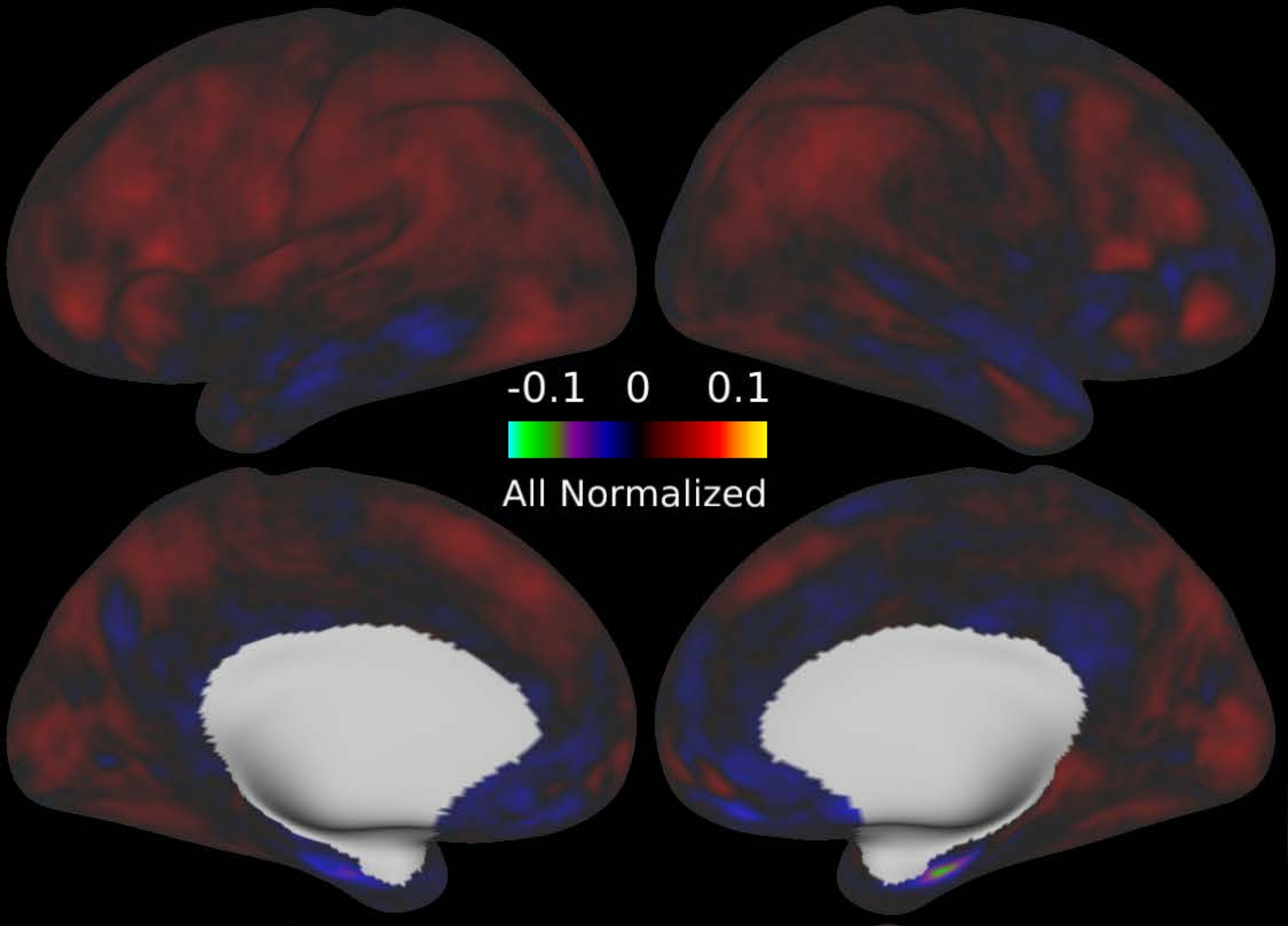
Seconds

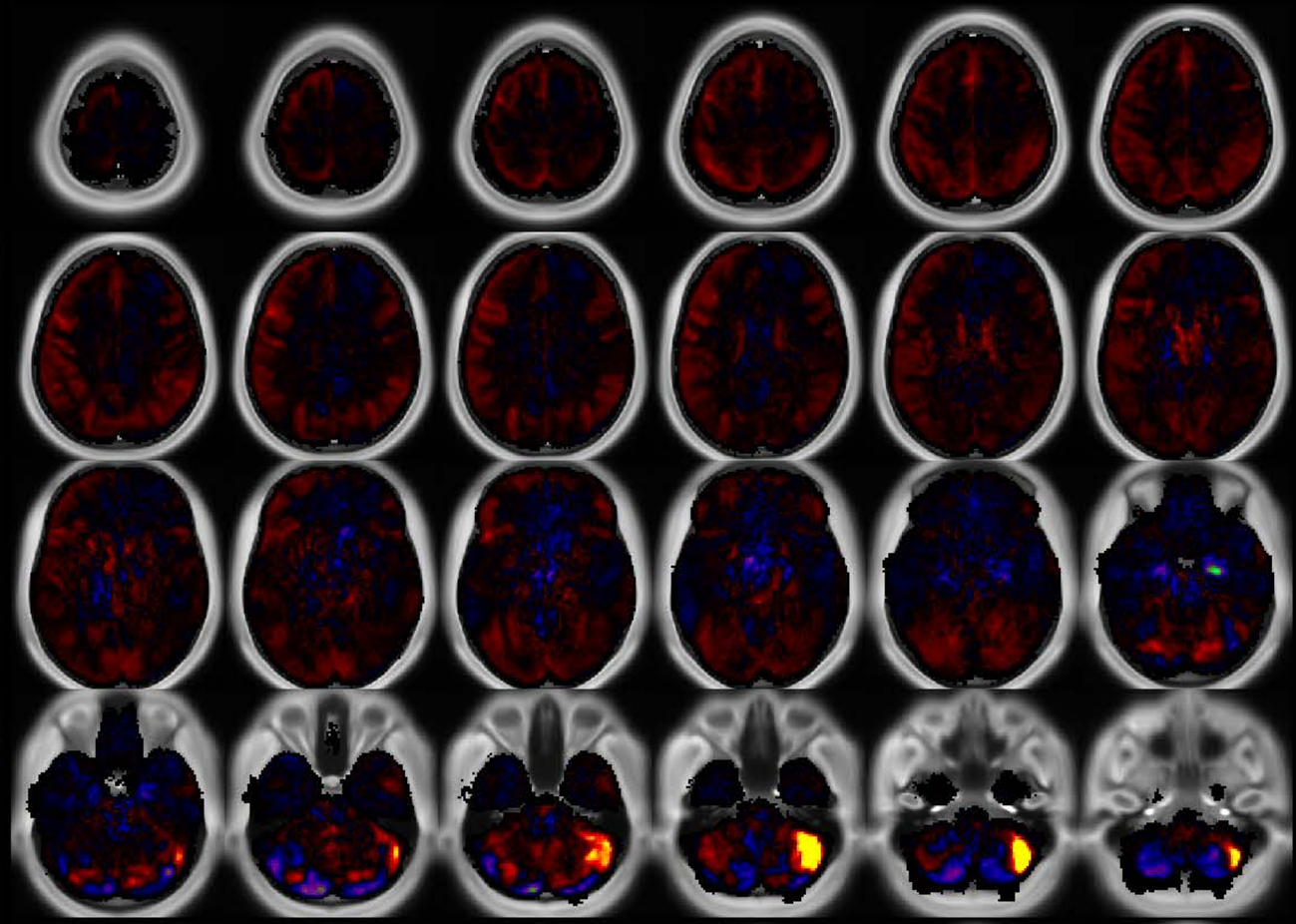


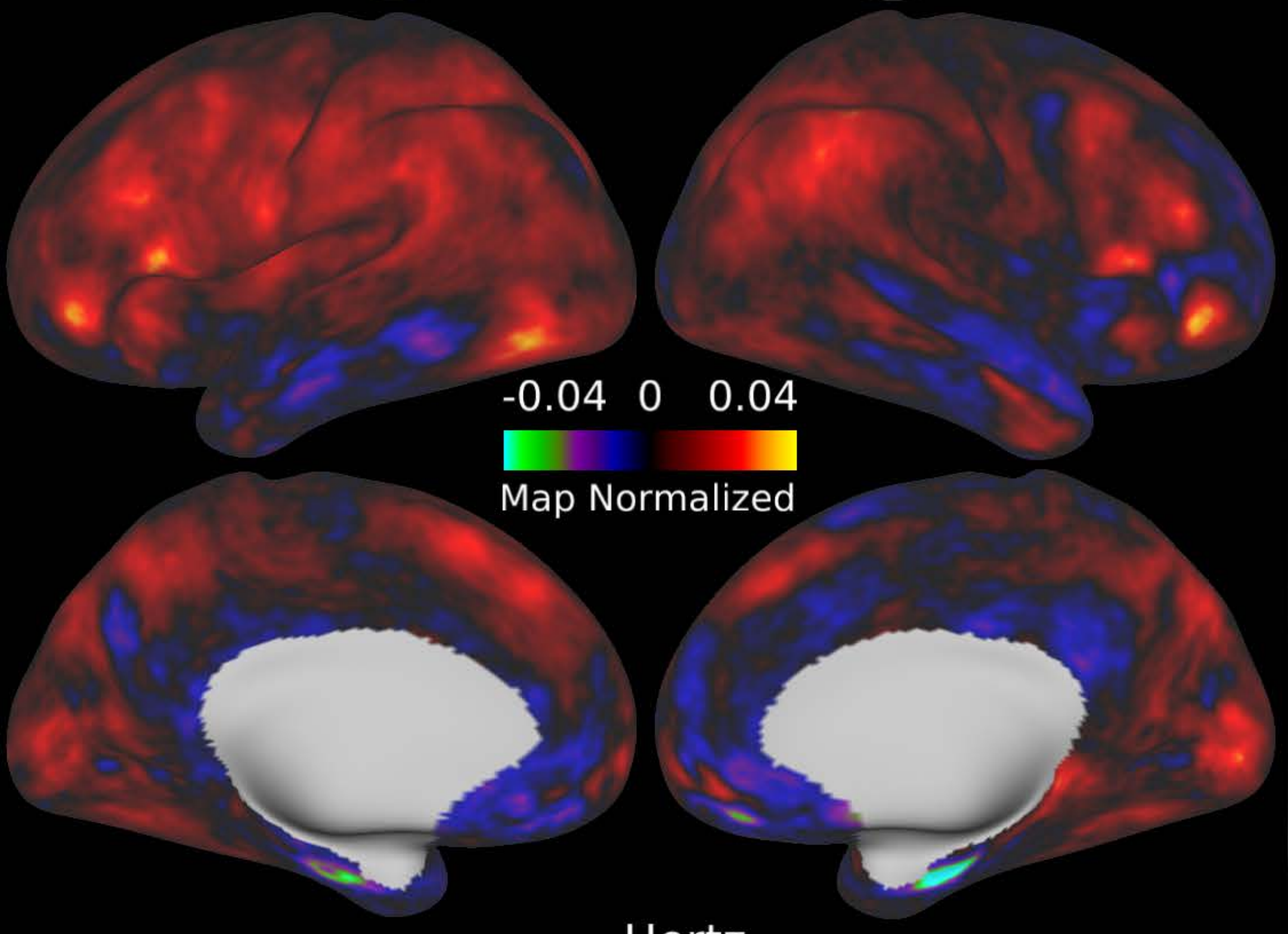


Number & Class: 47 Noise	Name: Cerebellar Movement Artifact Right	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: Yes	% Variance Explained: 0.78	Globality Index: 0.33
Rest Component: No	Taskr Component: 45	Task Modulated: No

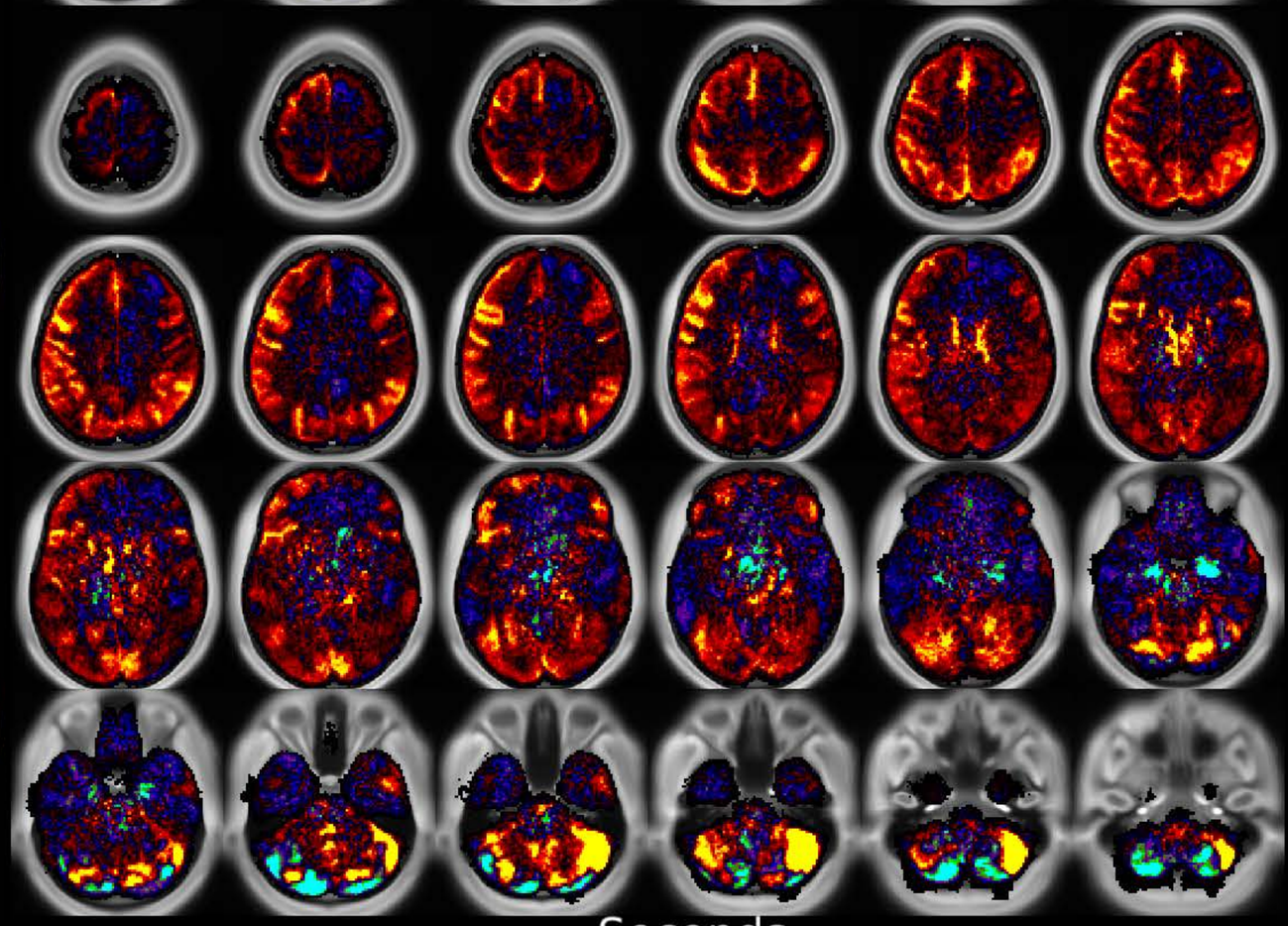
Rationale: Cerebellar edge motion component with high correlation to DVARS dips; looks like movement regressor beta map (derivative of X translation)



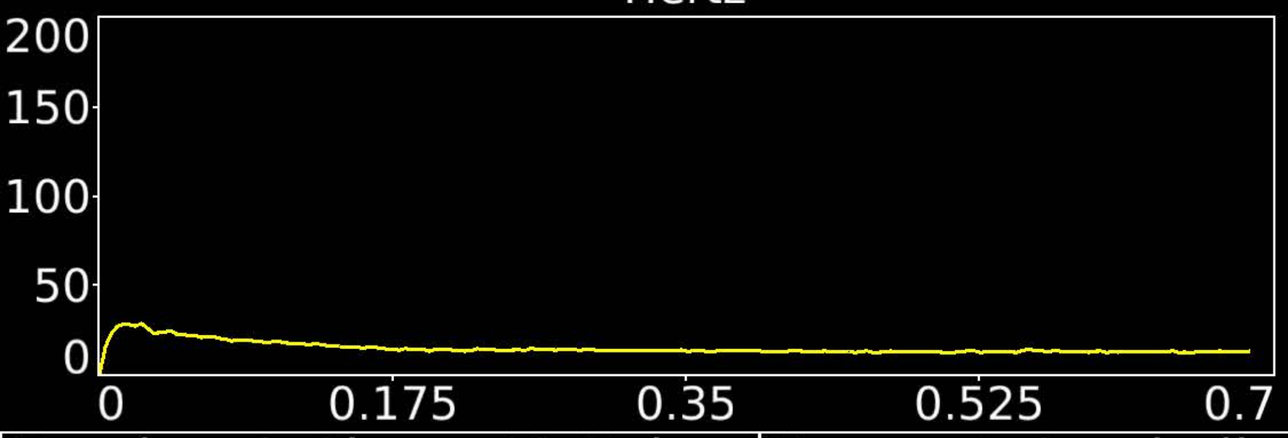


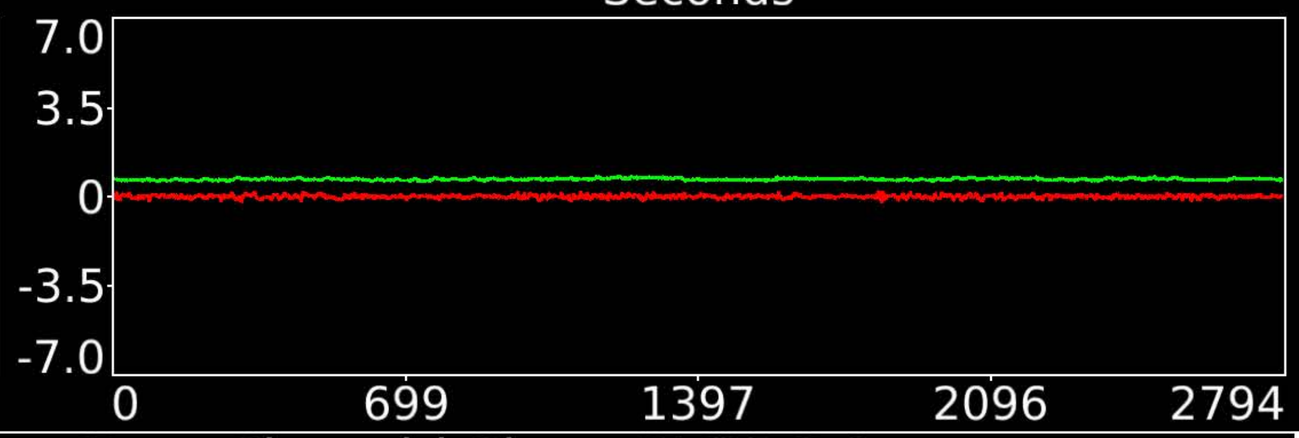


Hertz

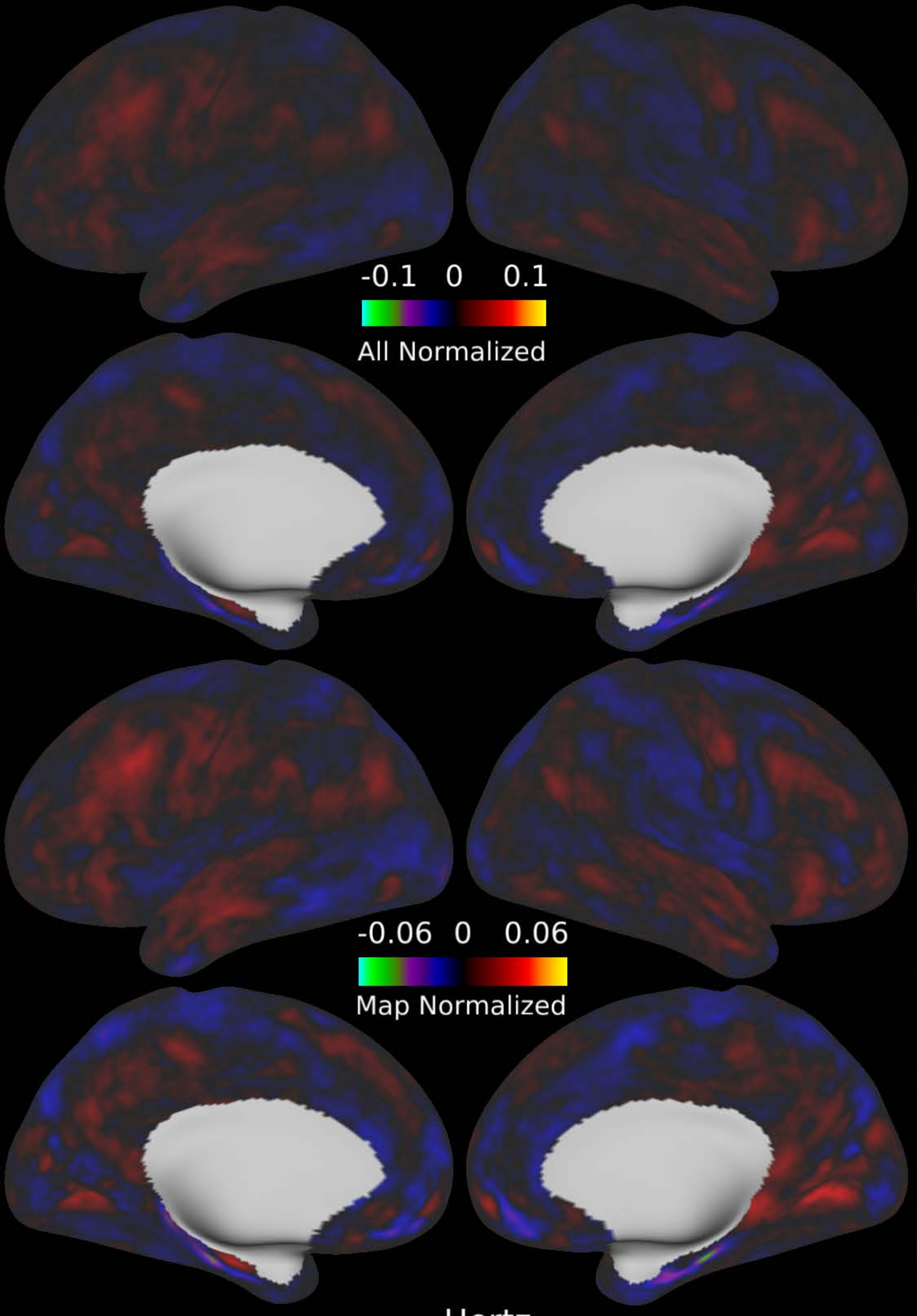


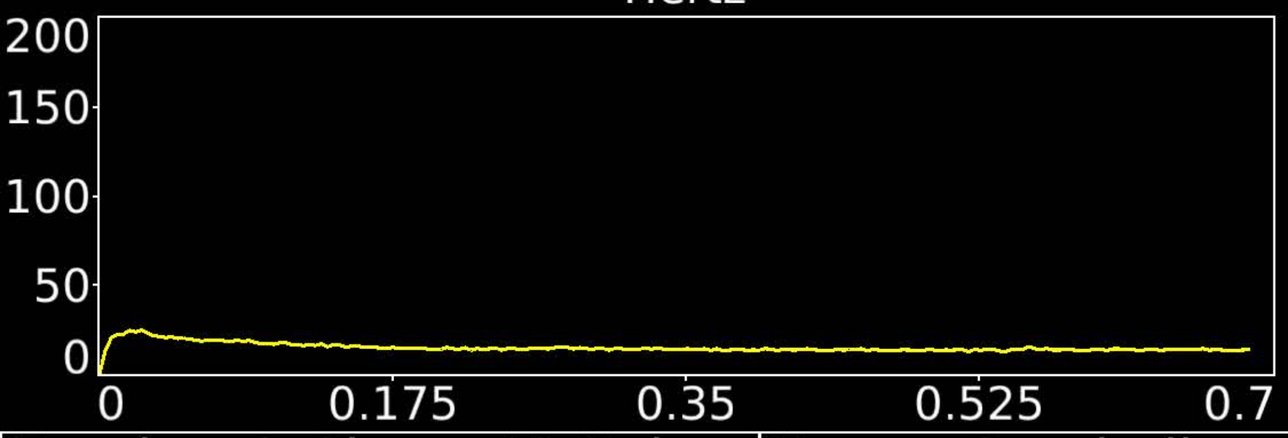
Seconds

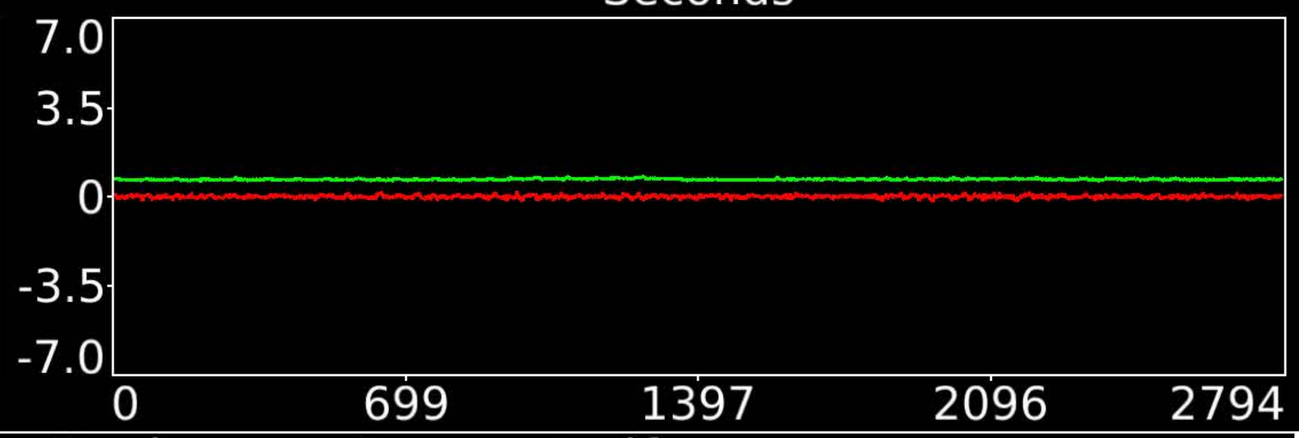




Number & Class: 48 Noise	Name: R Cerebellum Near Sigmoid Sinus DVARS Assoc	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: Yes	% Variance Explained: 0.77	Globality Index: 1.01
Rest Component: No	Taskr Component: 52	Task Modulated: No
Rationale: Cerebellar edge motion component with high correlation to DVARS dips; likely motion related		

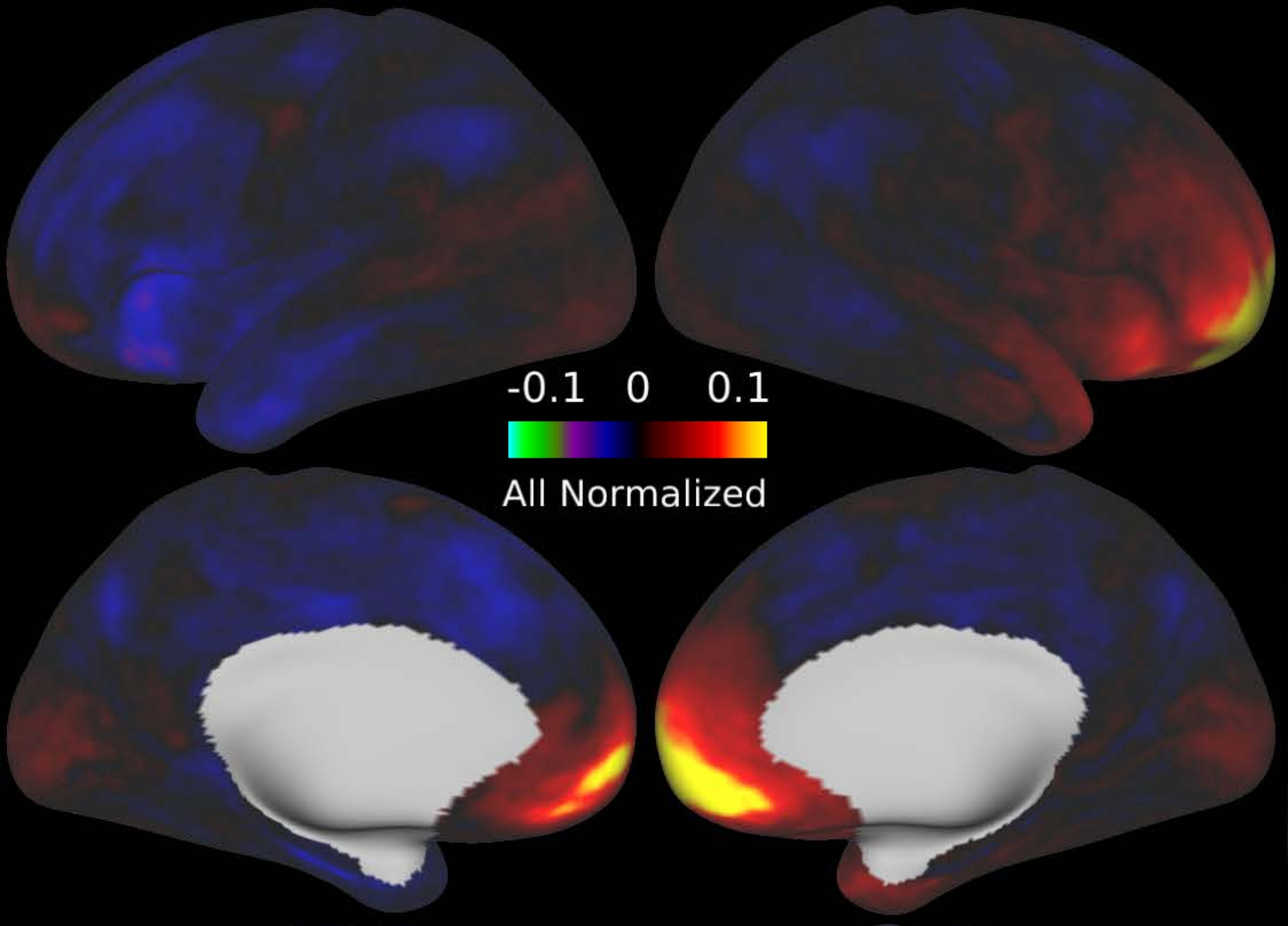


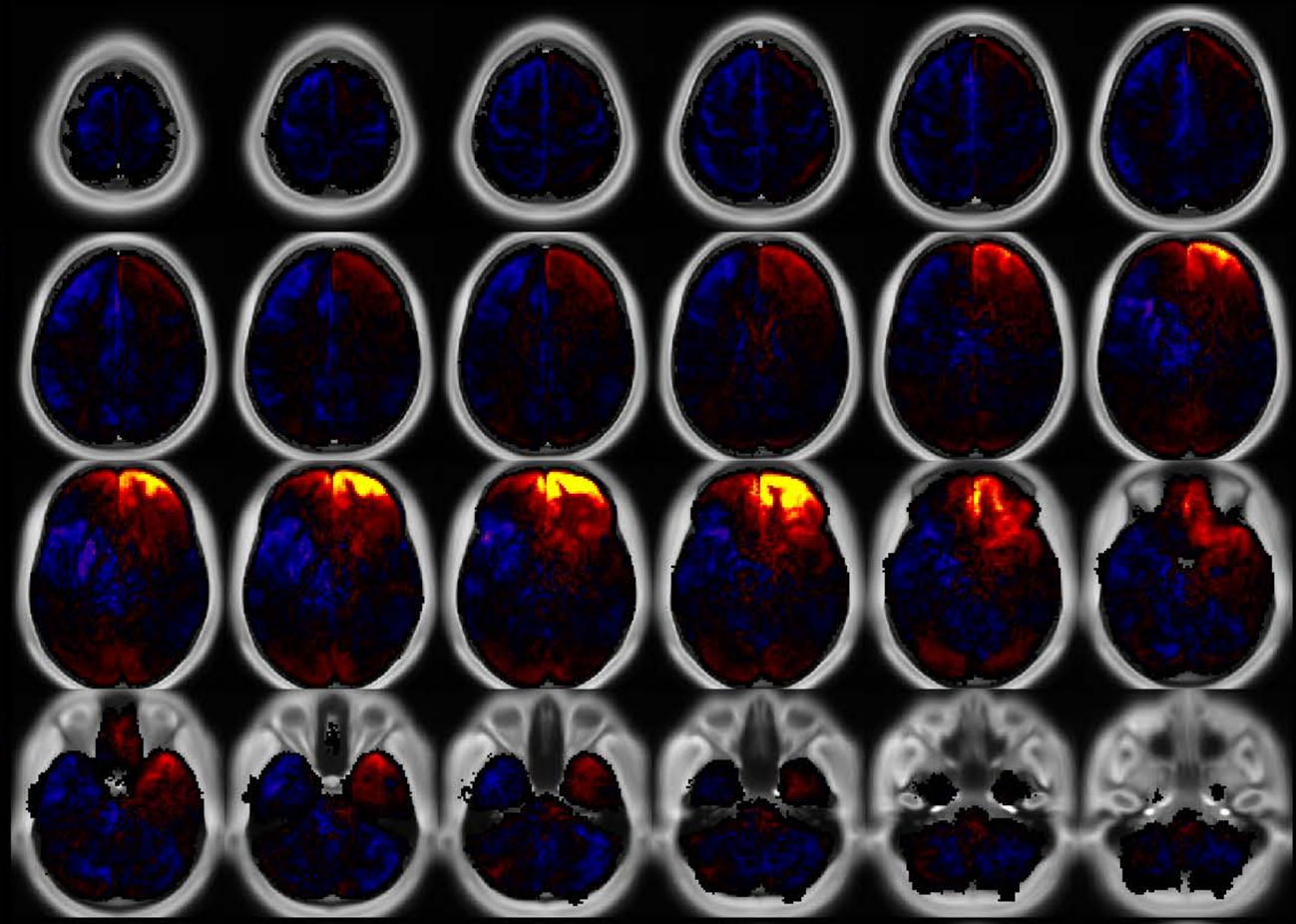


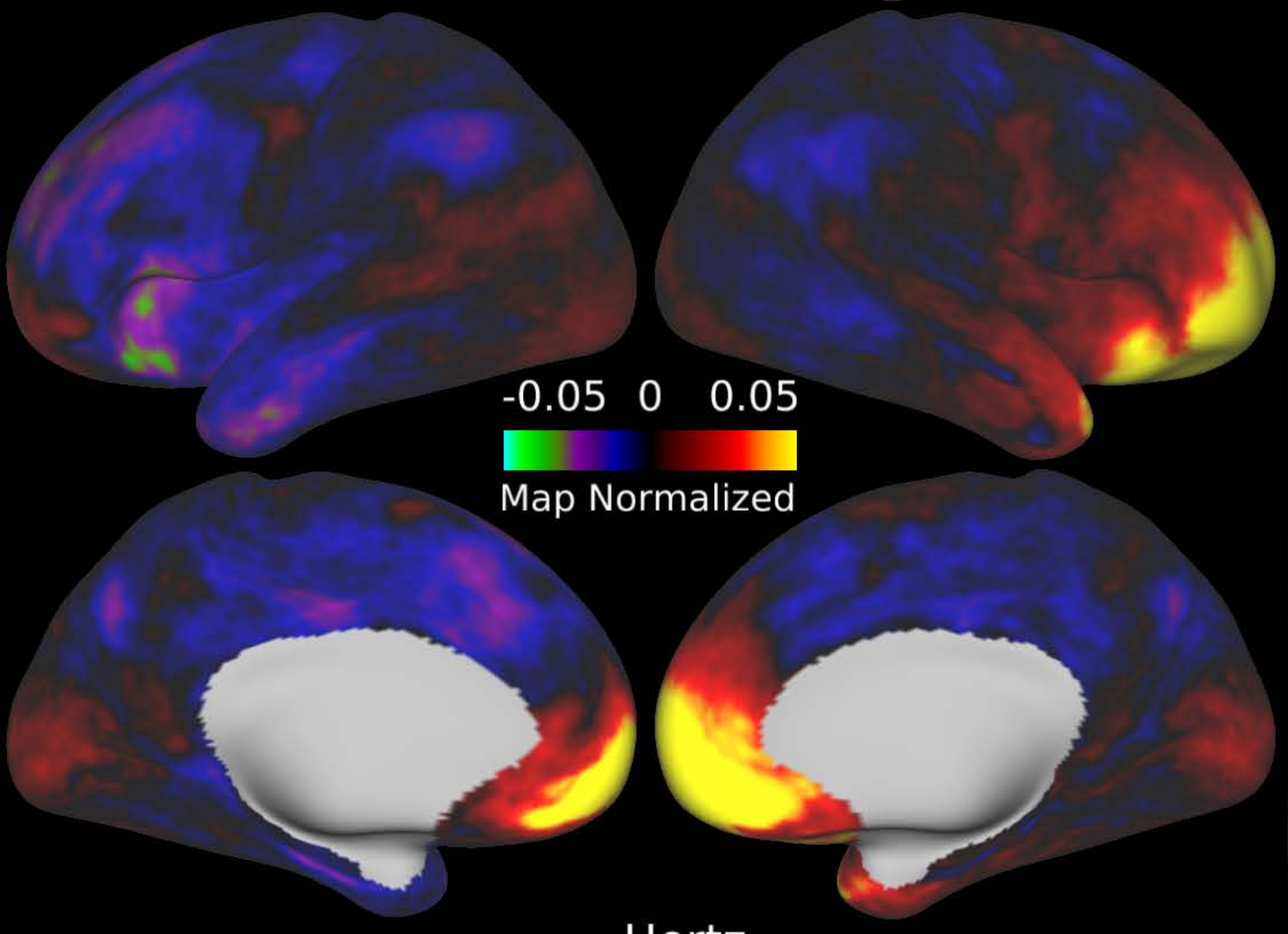


Number & Class: 49 Noise	Name: Cerebellar + Brainstem Recon Artifact	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: Yes	% Variance Explained: 0.77	Globality Index: 0.4
Rest Component: No	Taskr Component: 43	Task Modulated: No

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







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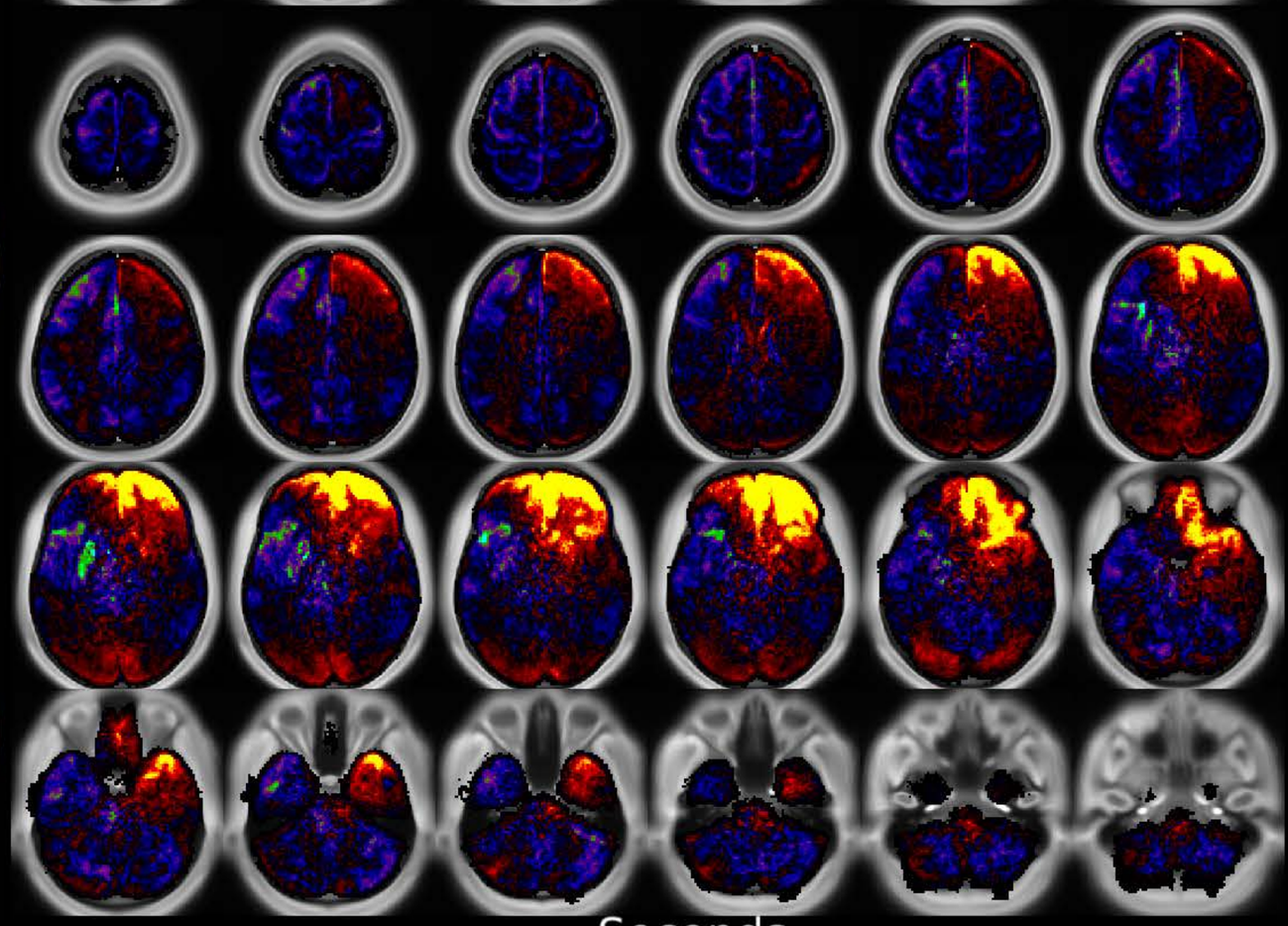

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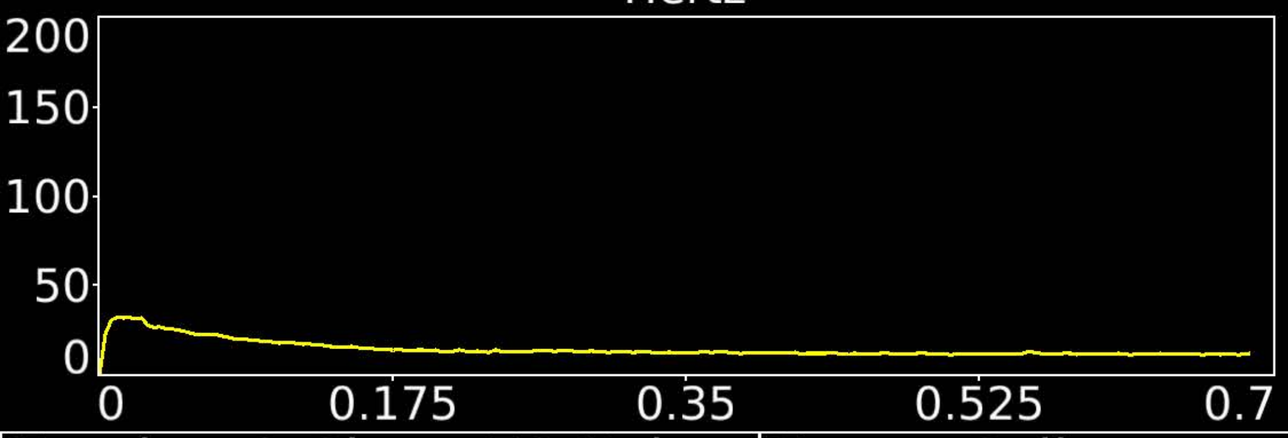
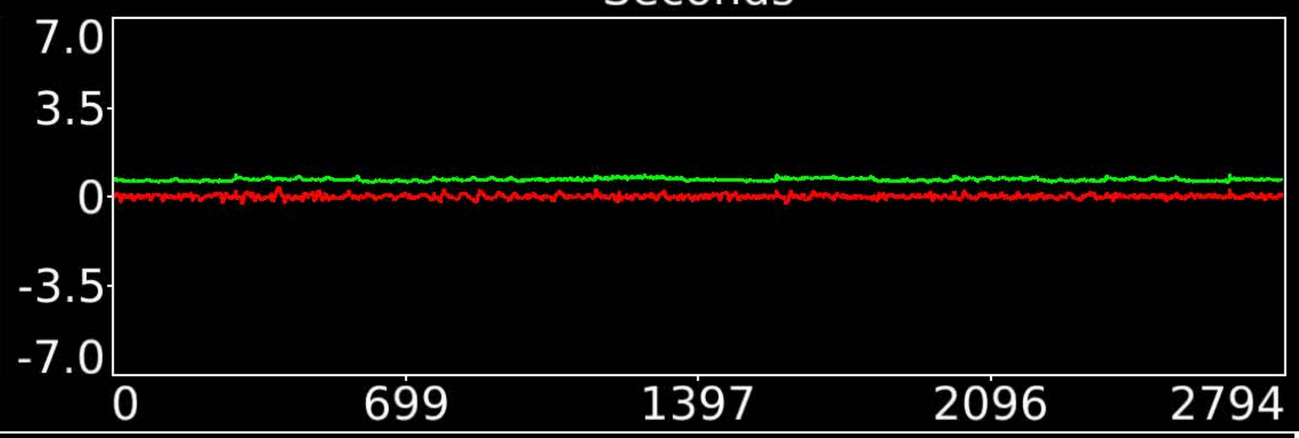
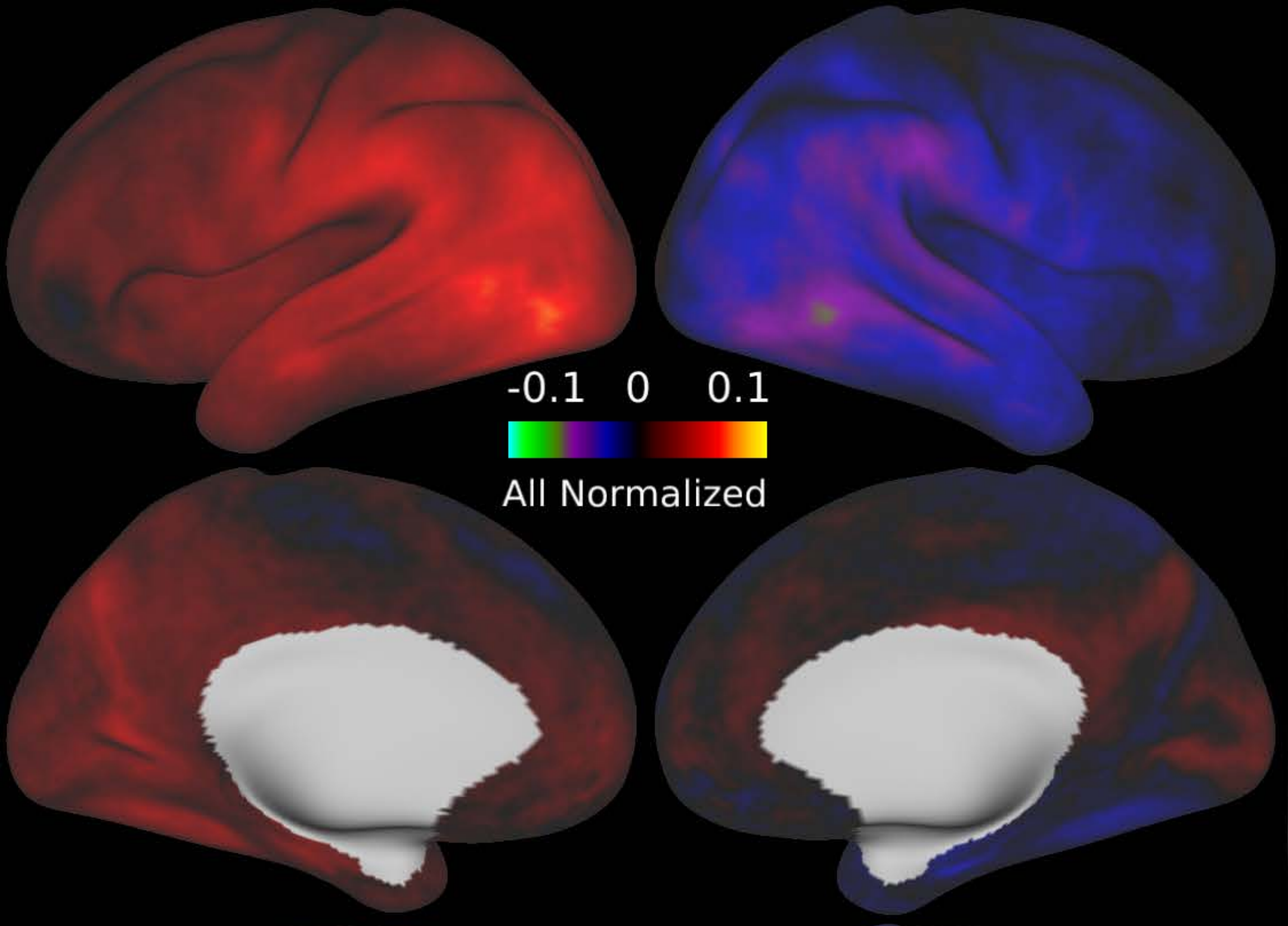
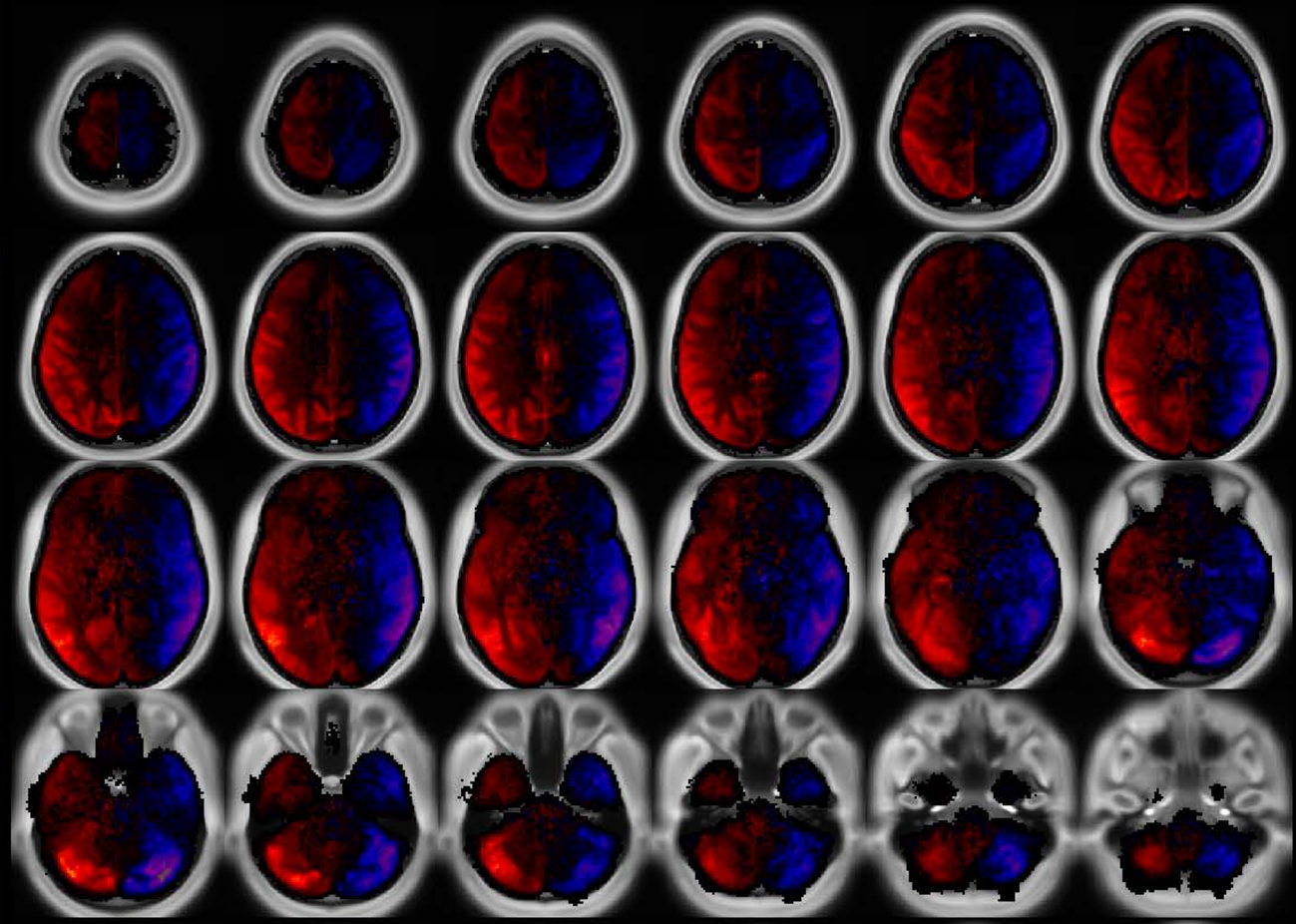
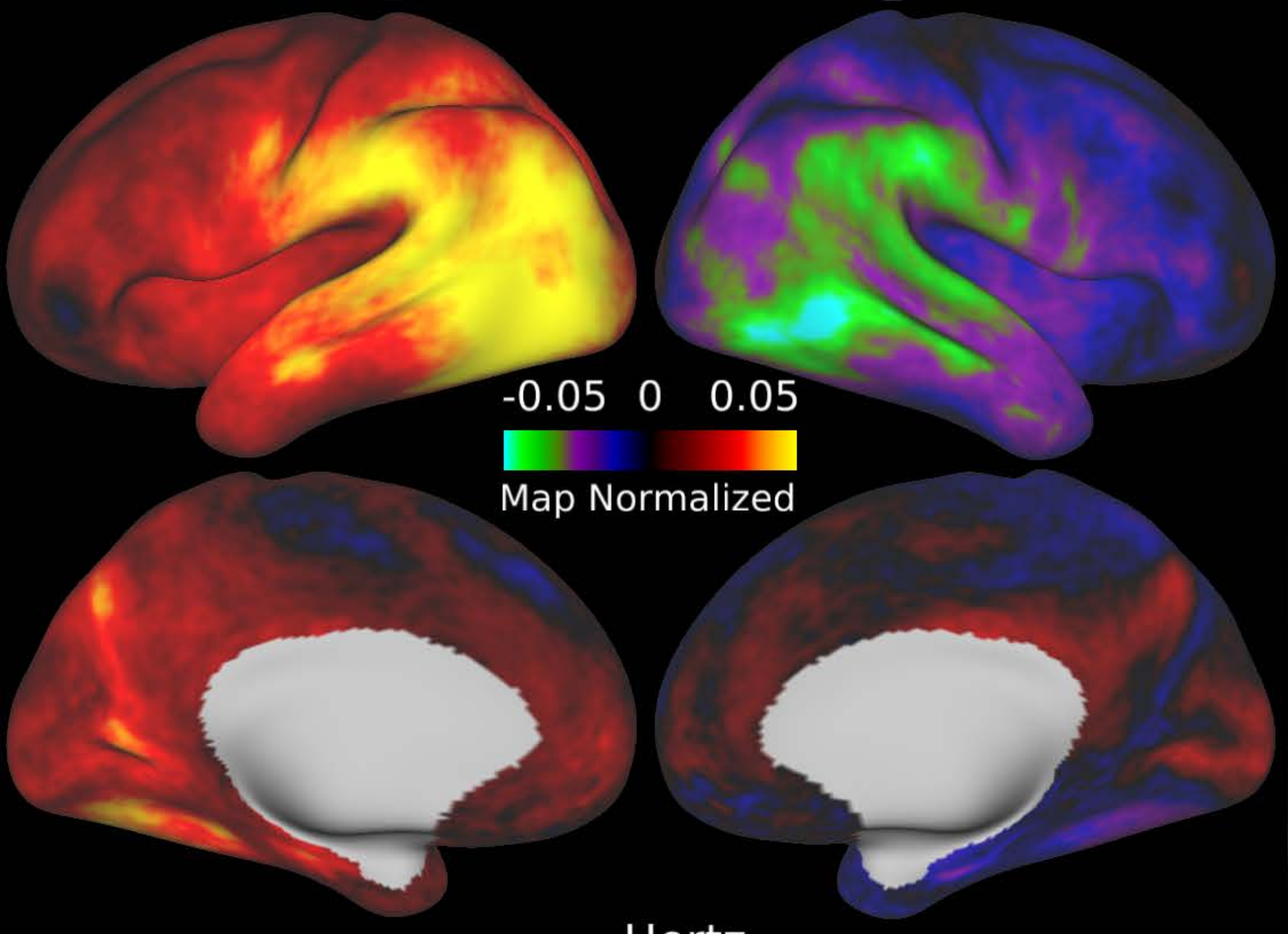




Number & Class: 50 Noise	Name: Coil	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: No	% Variance Explained: 0.77	Globality Index: 0.8
Rest Component: 47	Taskr Component: 50	Task Modulated: No
Rationale: Known coil noise component		







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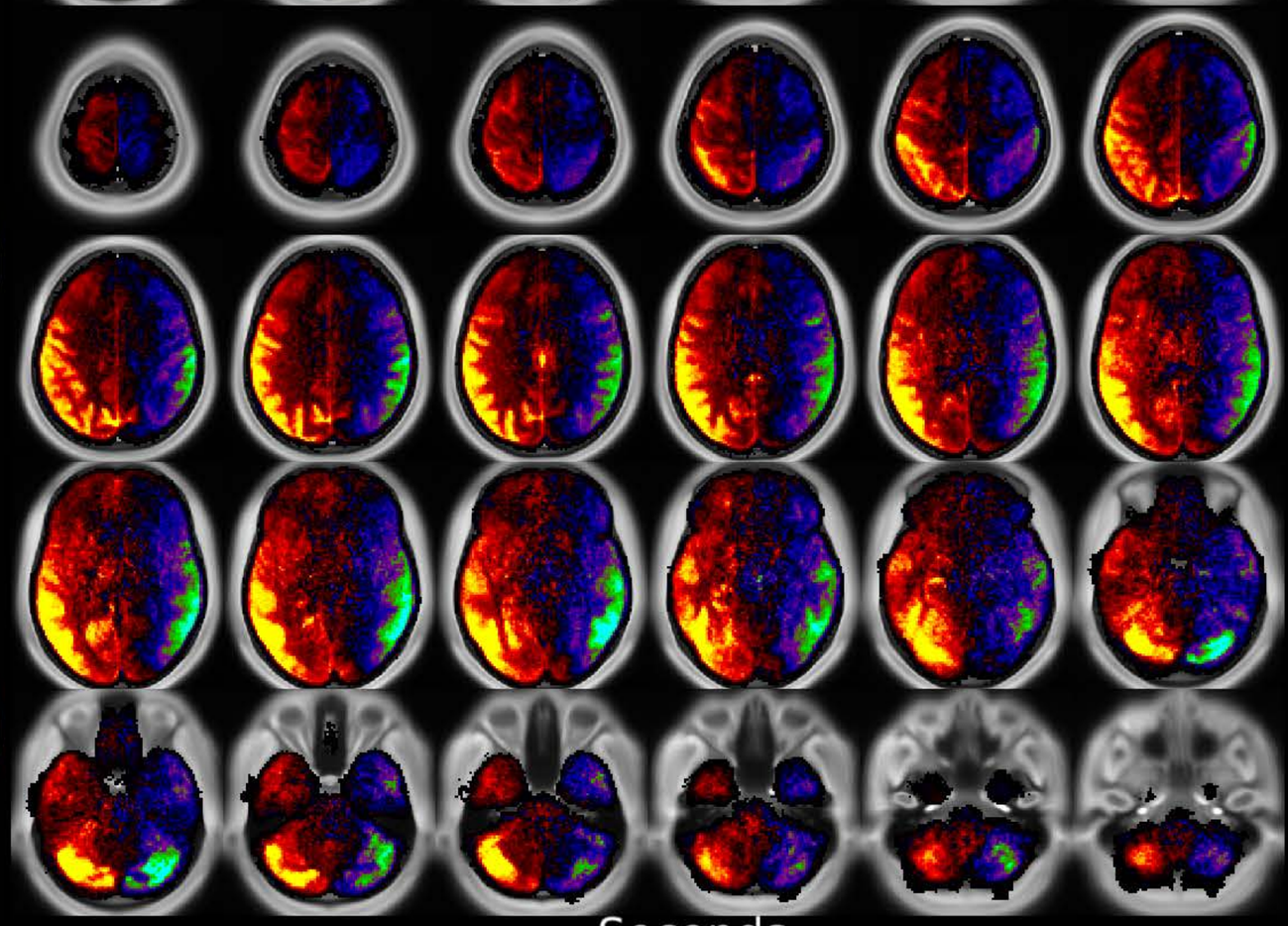

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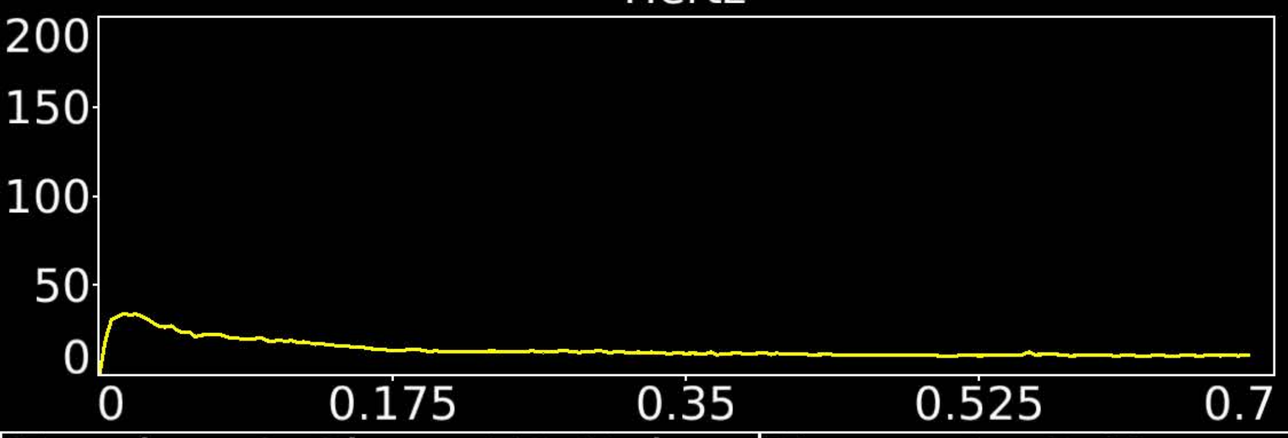
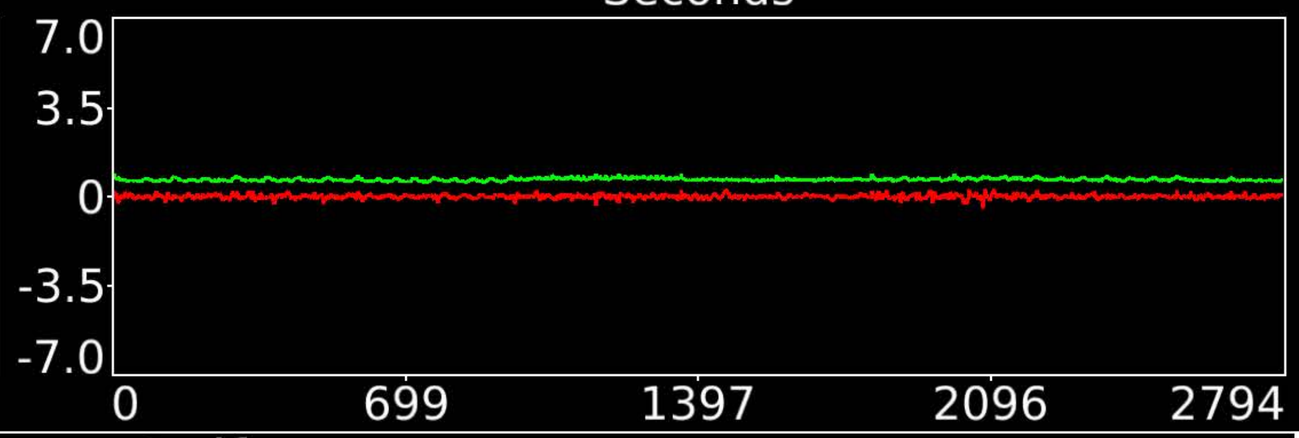
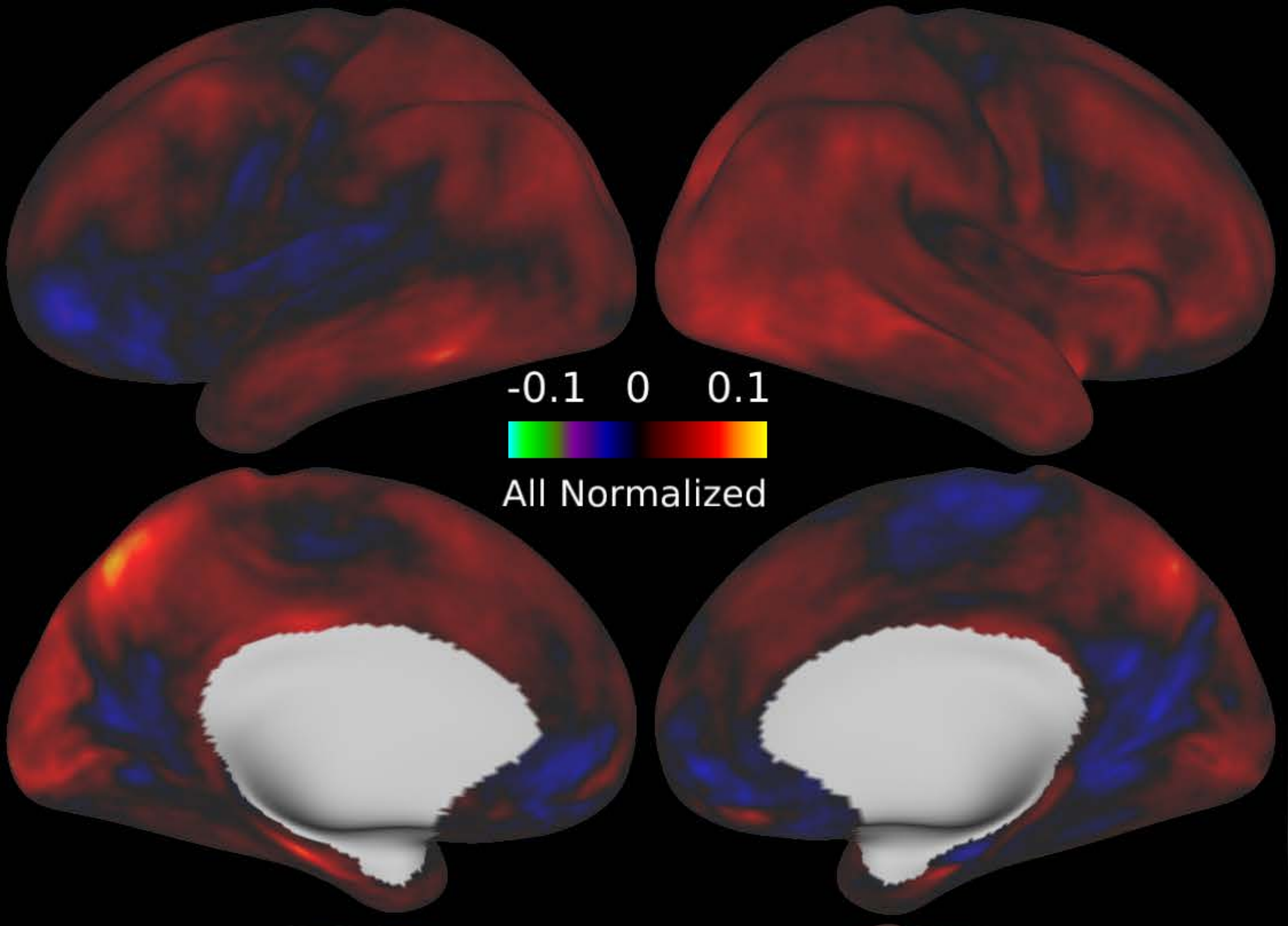
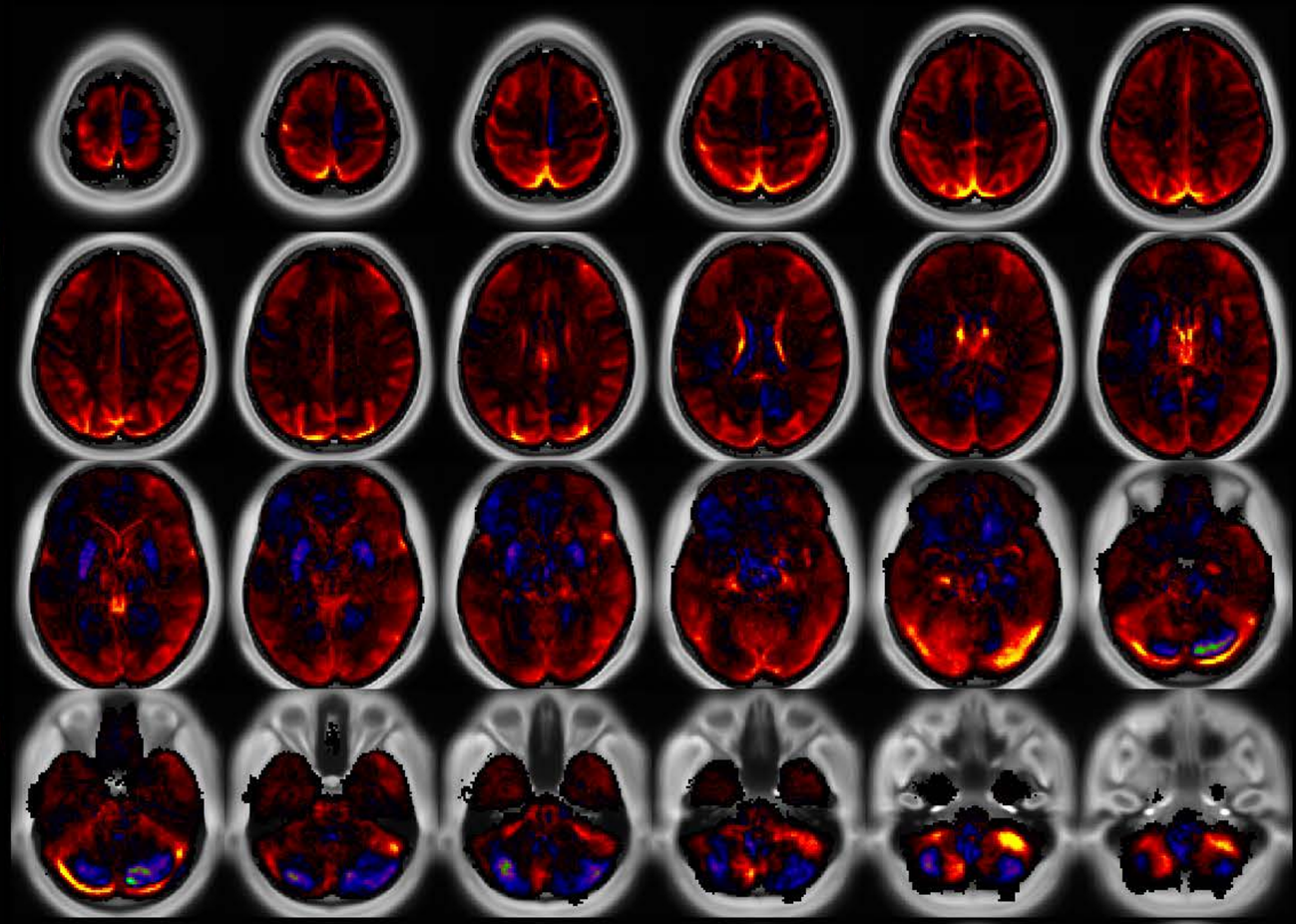
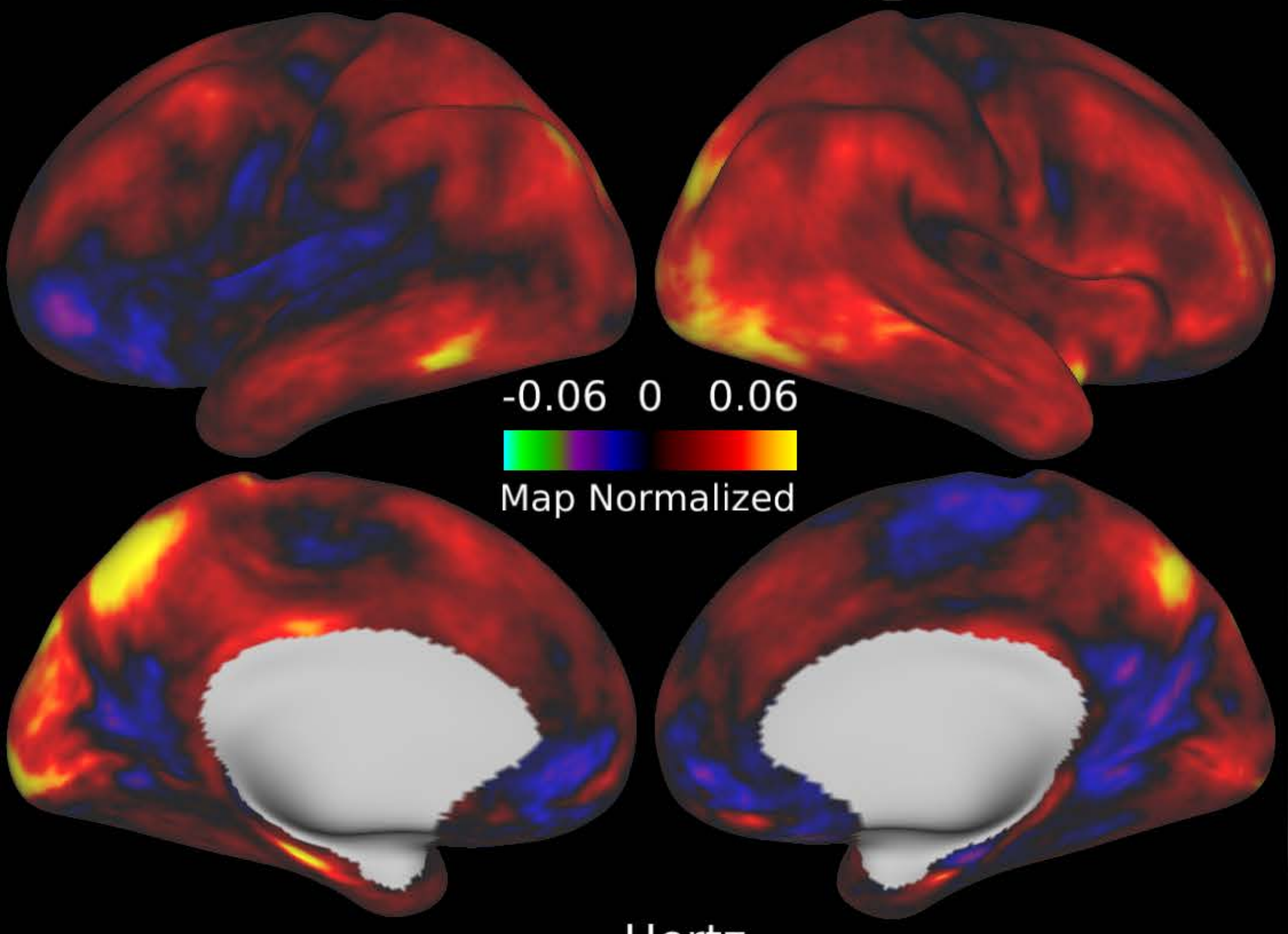




Number & Class: 51 Noise	Name: L>R Movement Artifact	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.75	Globality Index: 0.5
Rest Component: 50	Taskr Component: 37	Task Modulated: No
Rationale: Highly DVARS Dips associated component; looks like movement regressor beta map (Z rotation)		







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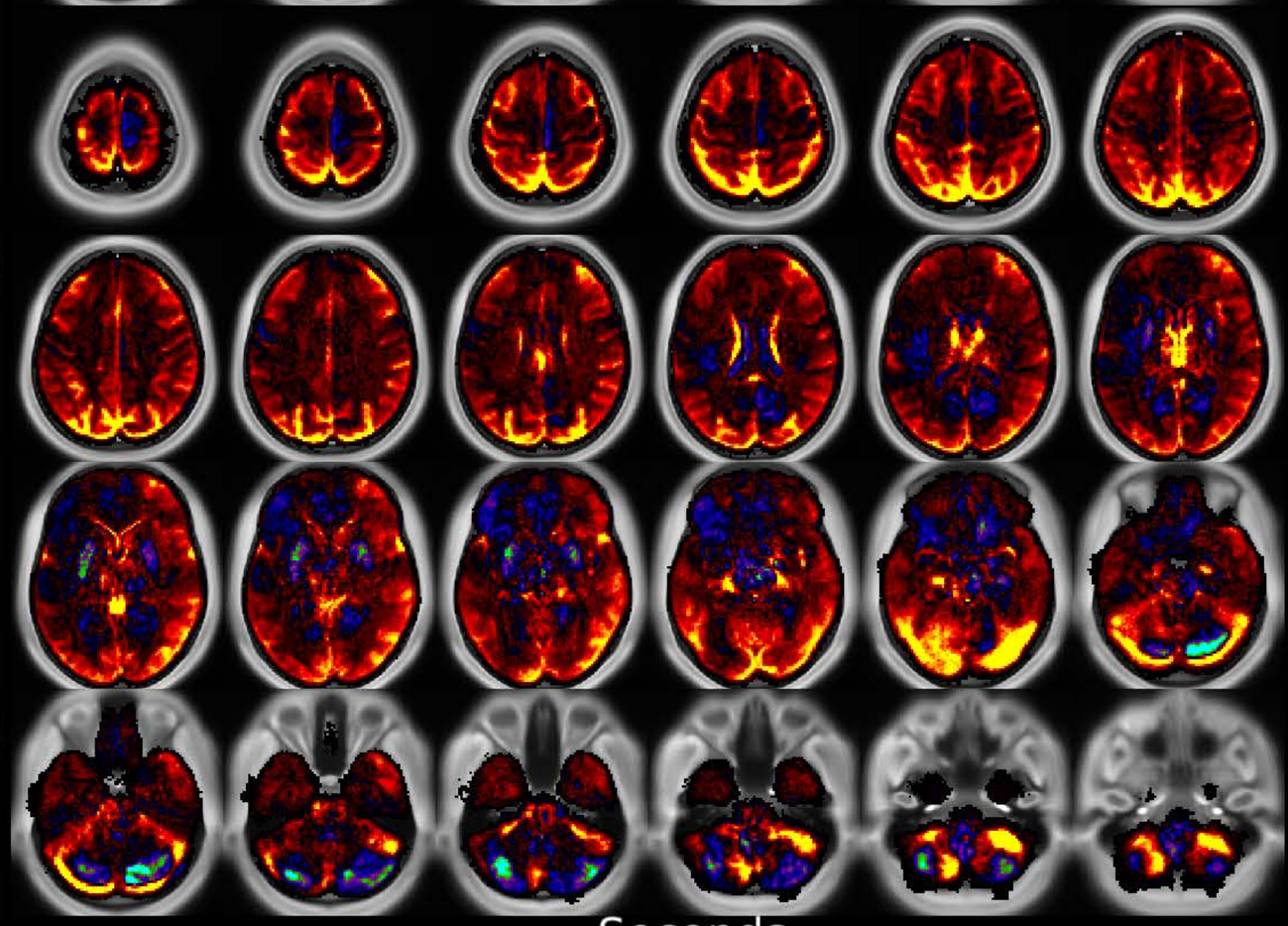
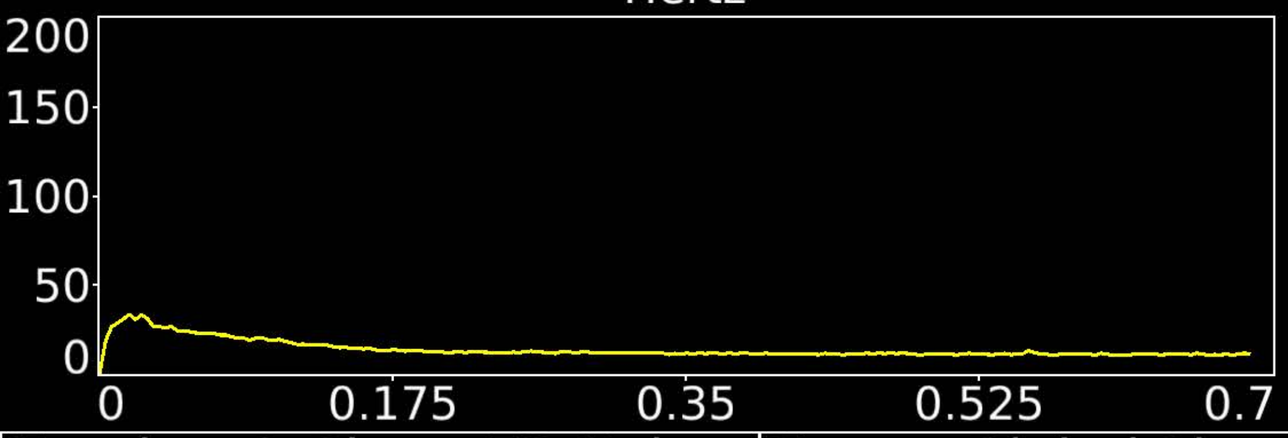
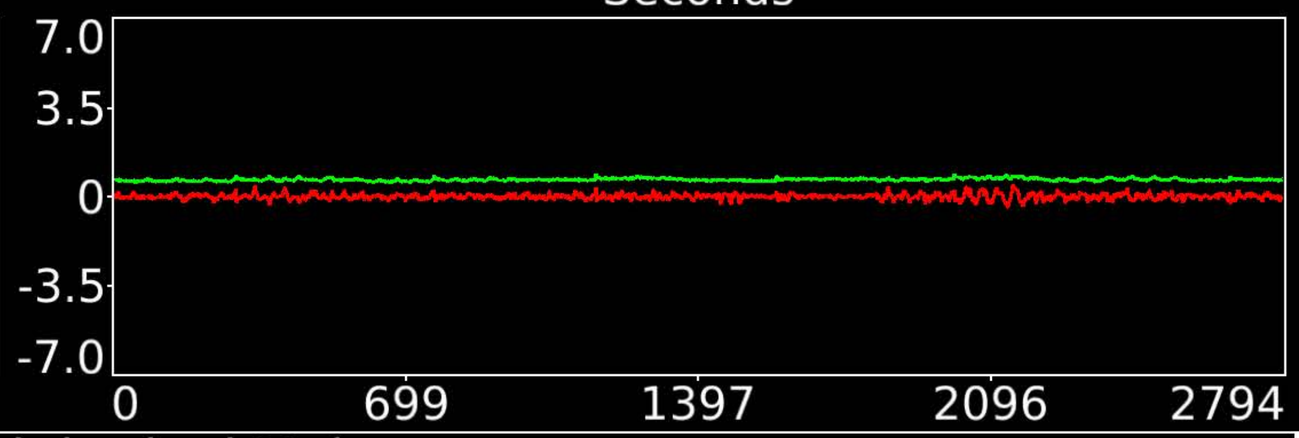


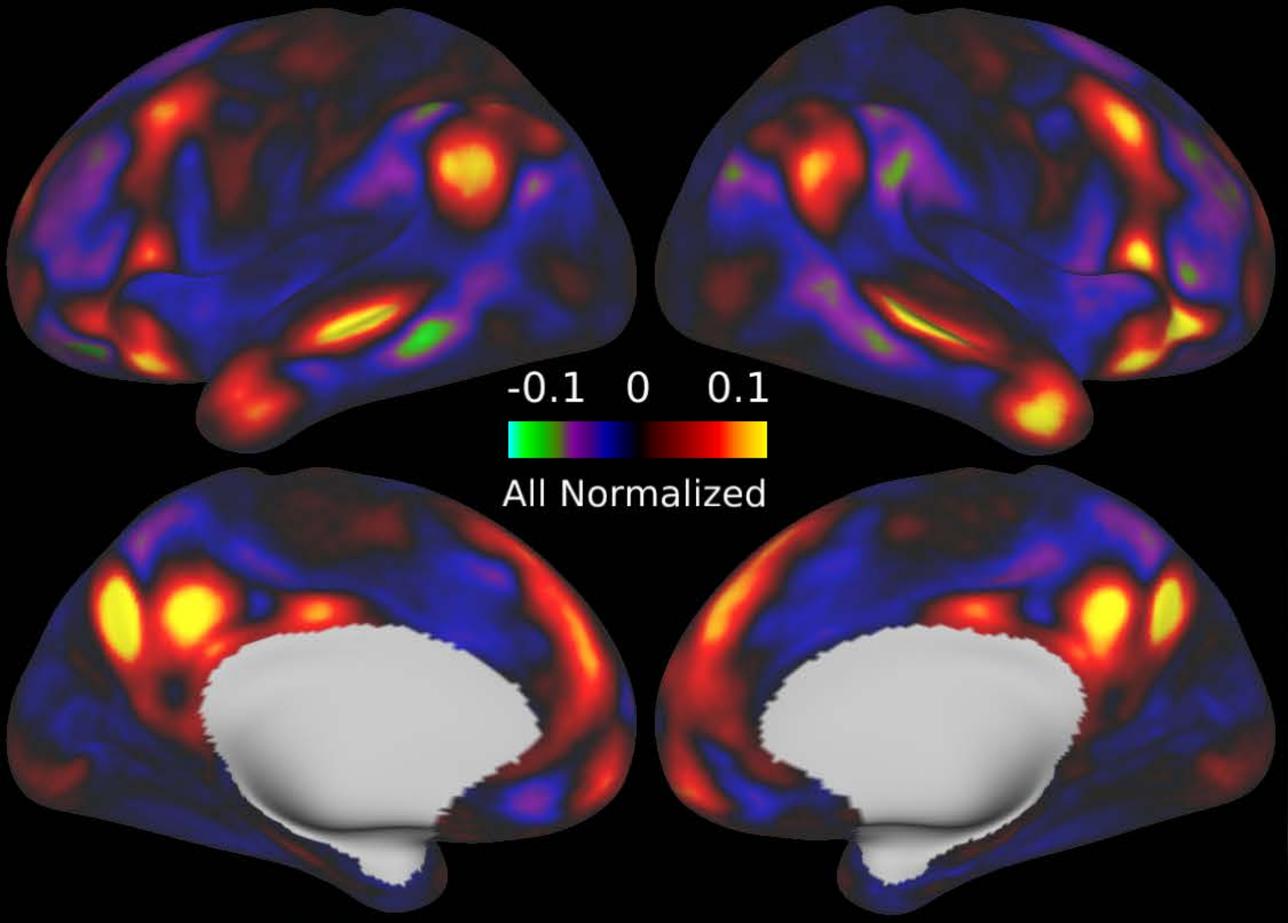
Seconds

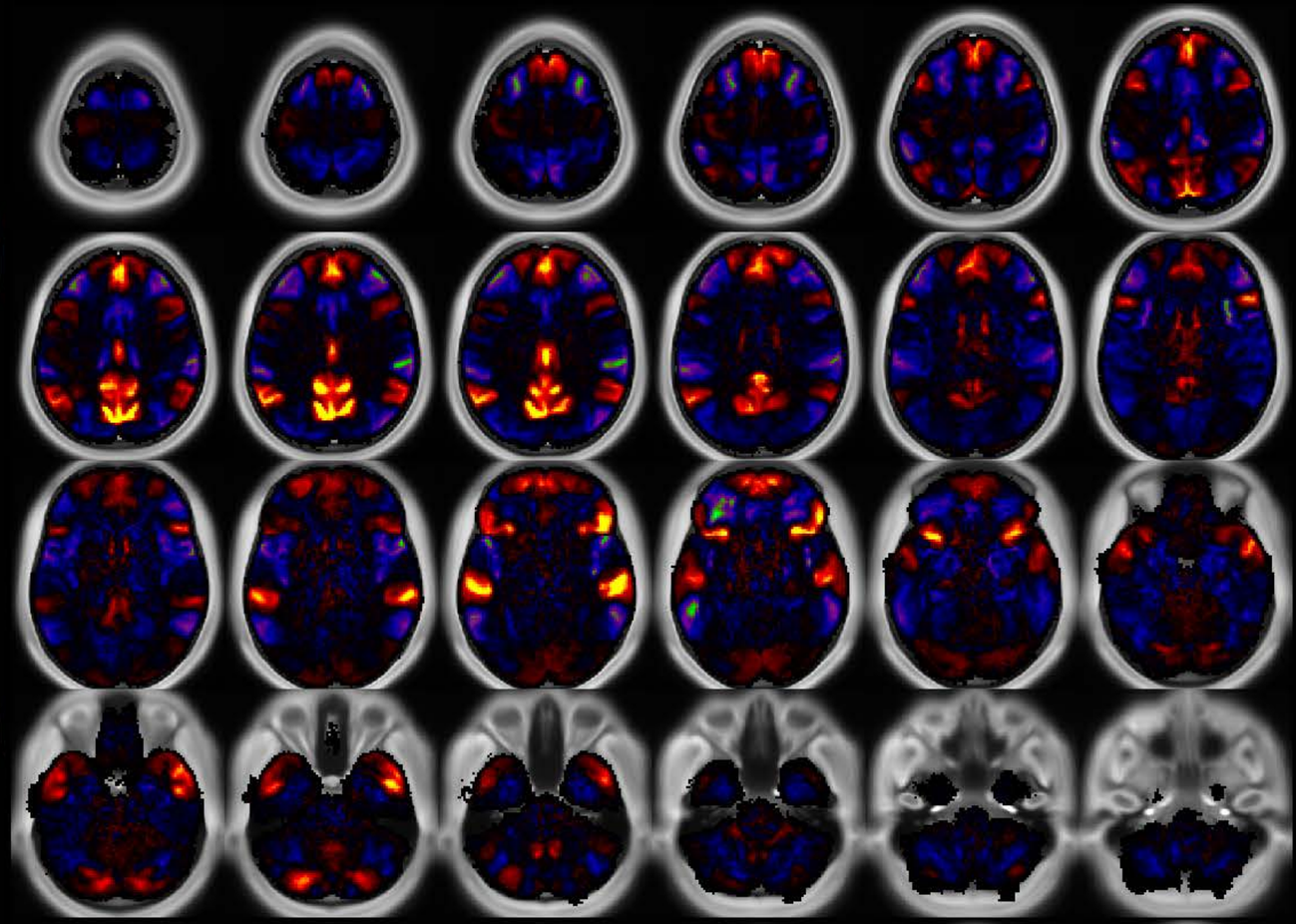


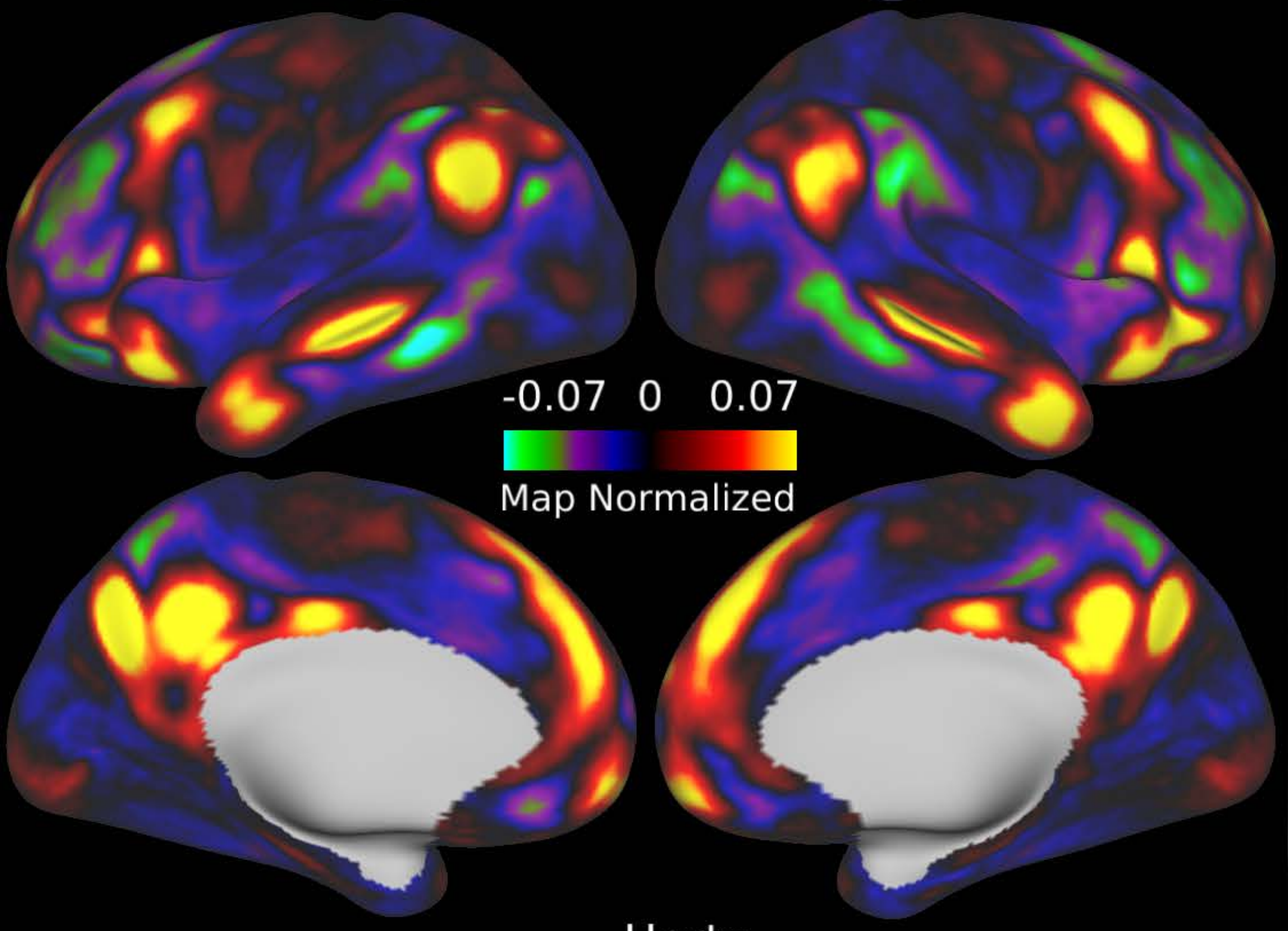


Number & Class: 52 Noise	Name: Global Physiological Noise	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.75	Globality Index: 1.59
Rest Component: No	Taskr Component: No	Task Modulated: No

Rationale: Globally positive component without positive and negative patches that respect known RSNs or areas; some white matter signal







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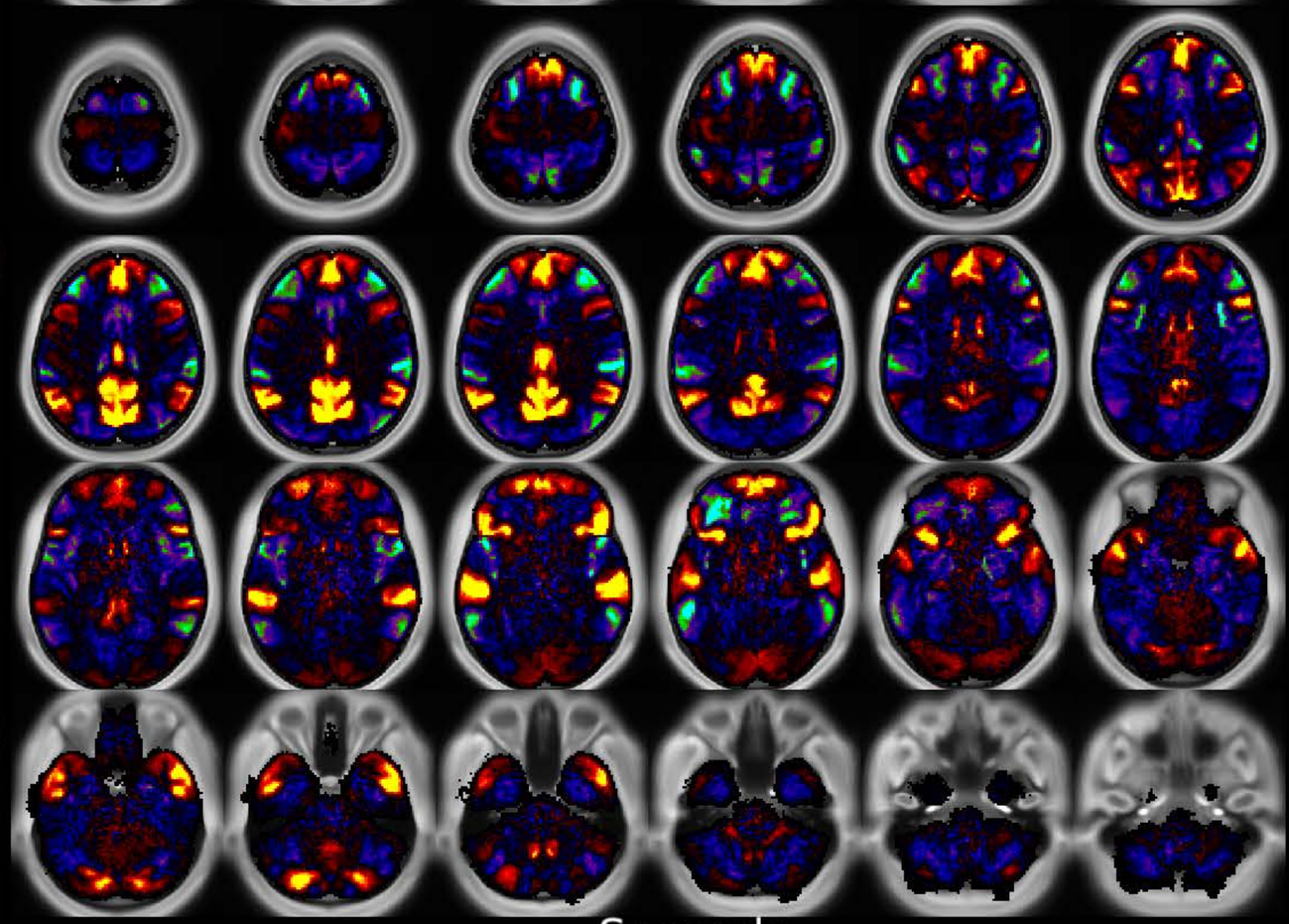
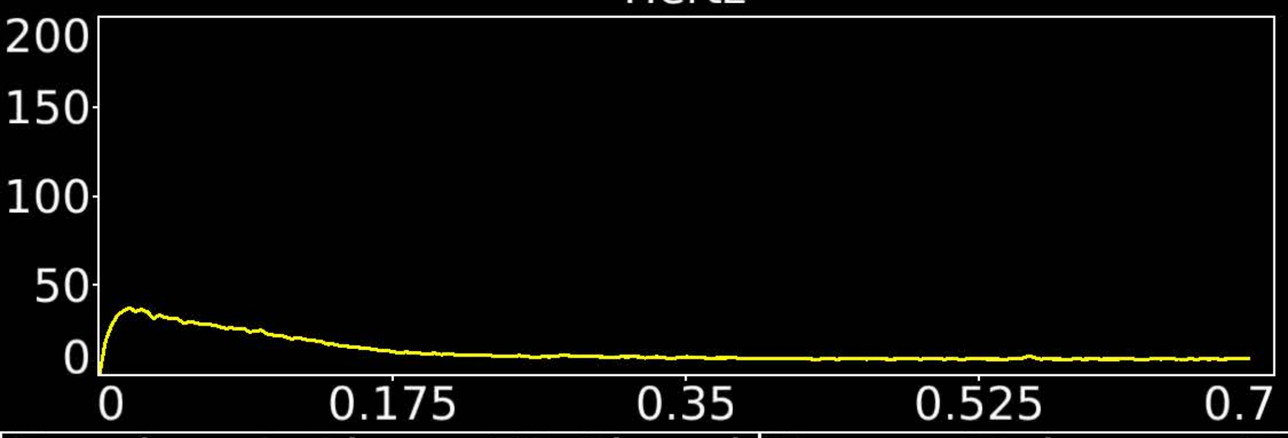
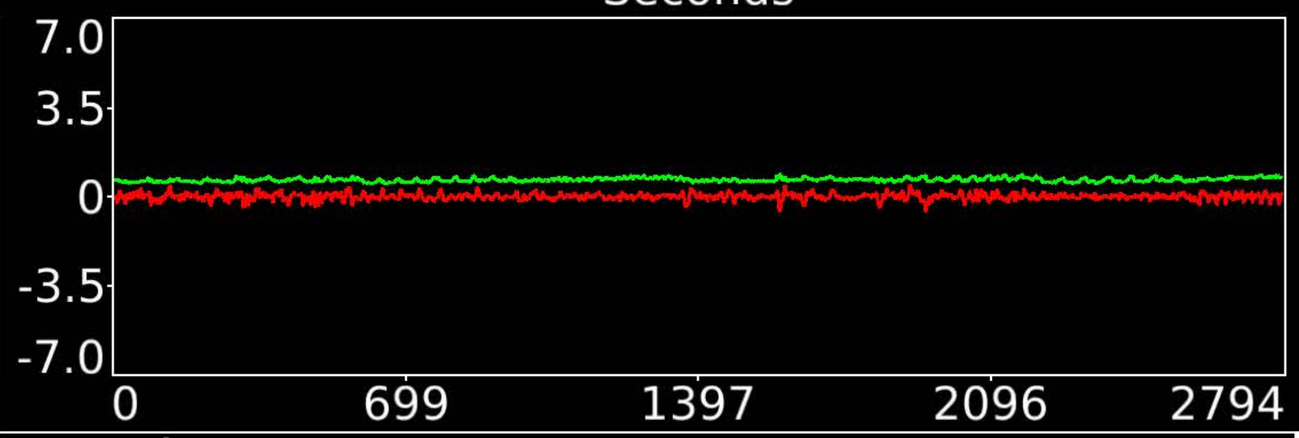


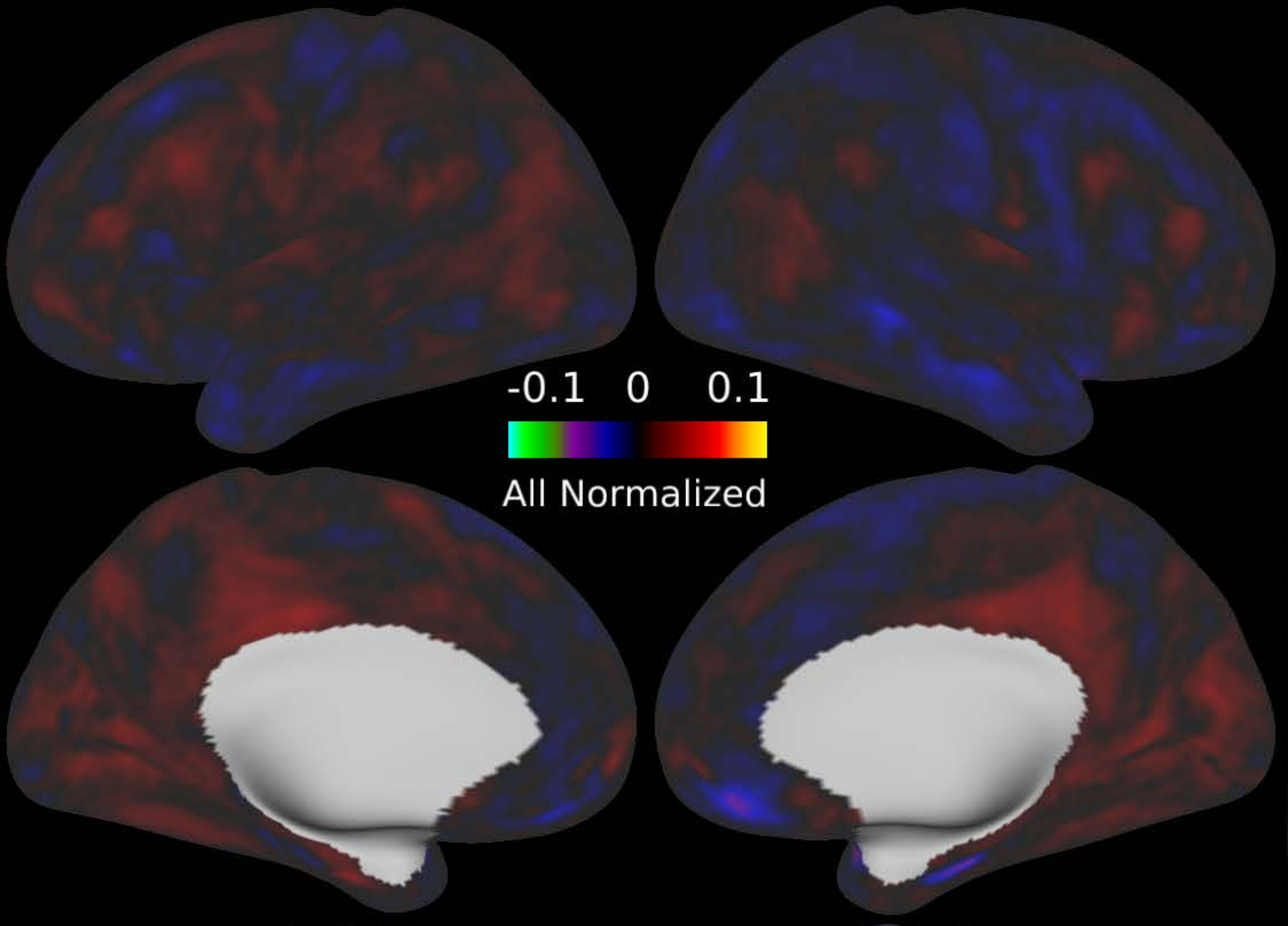
Seconds

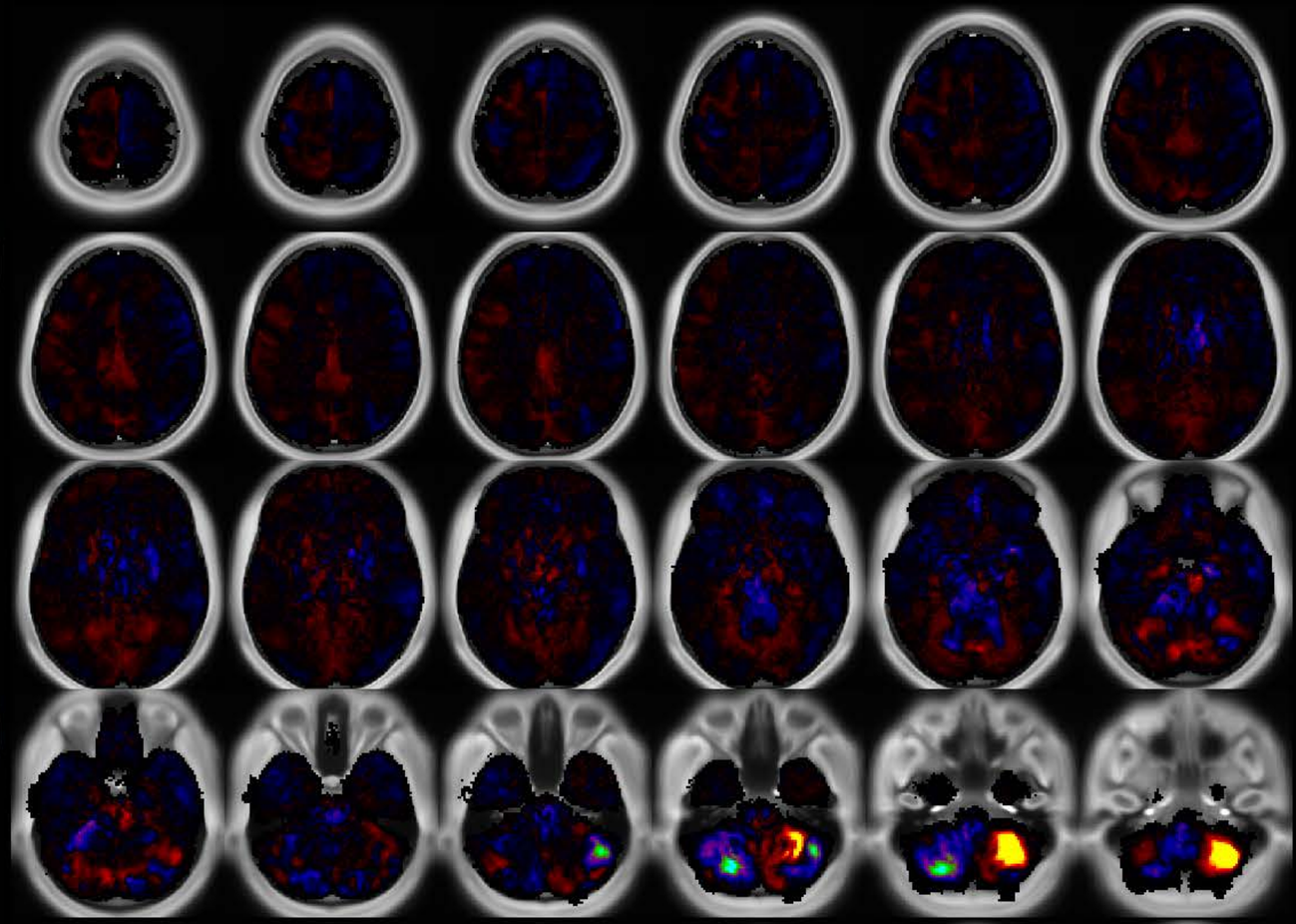


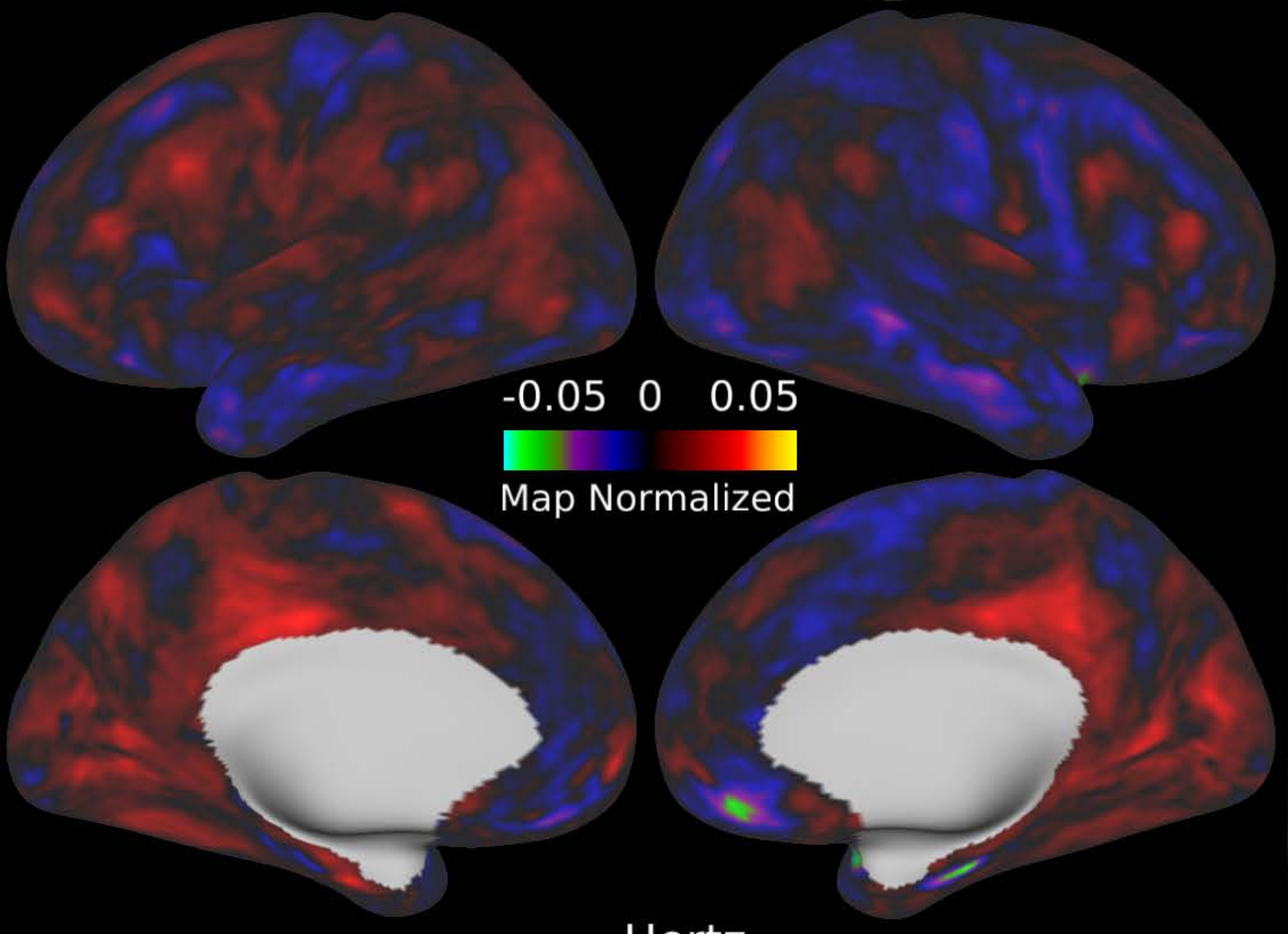


Number & Class: 53 Signal	Name: Unknown Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.74	Globality Index: 0.61
Rest Component: No	Taskr Component: No	Task Modulated: No

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







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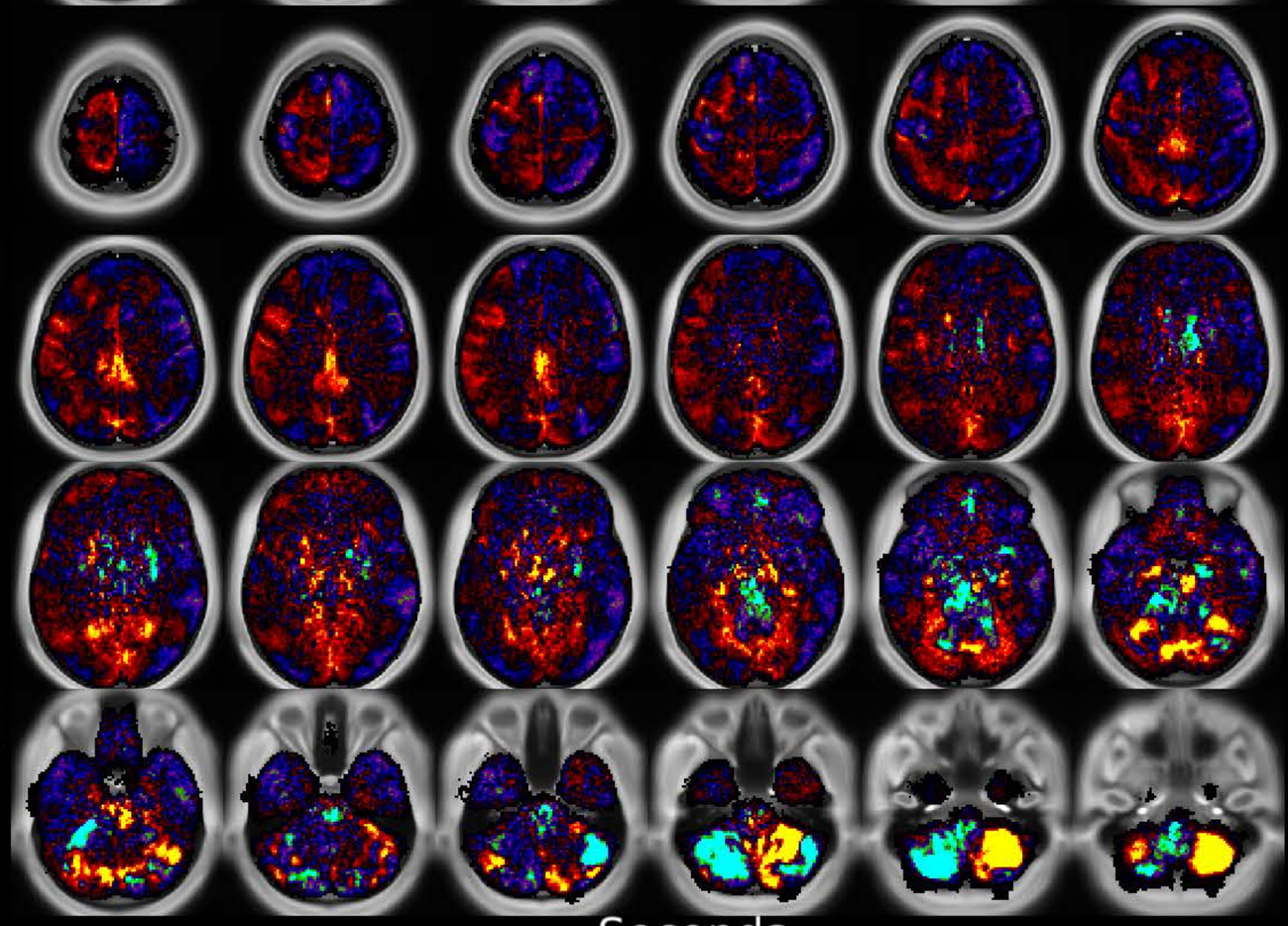
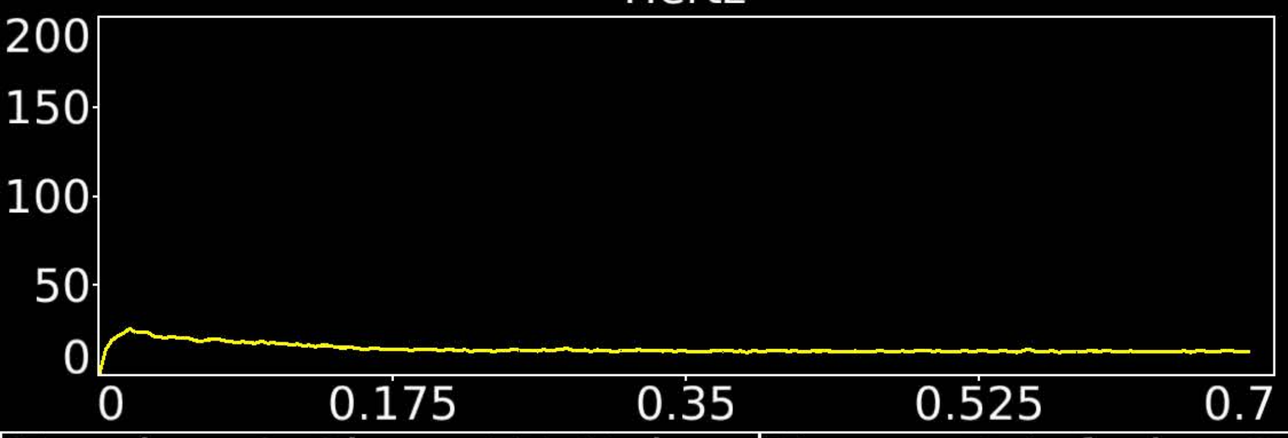
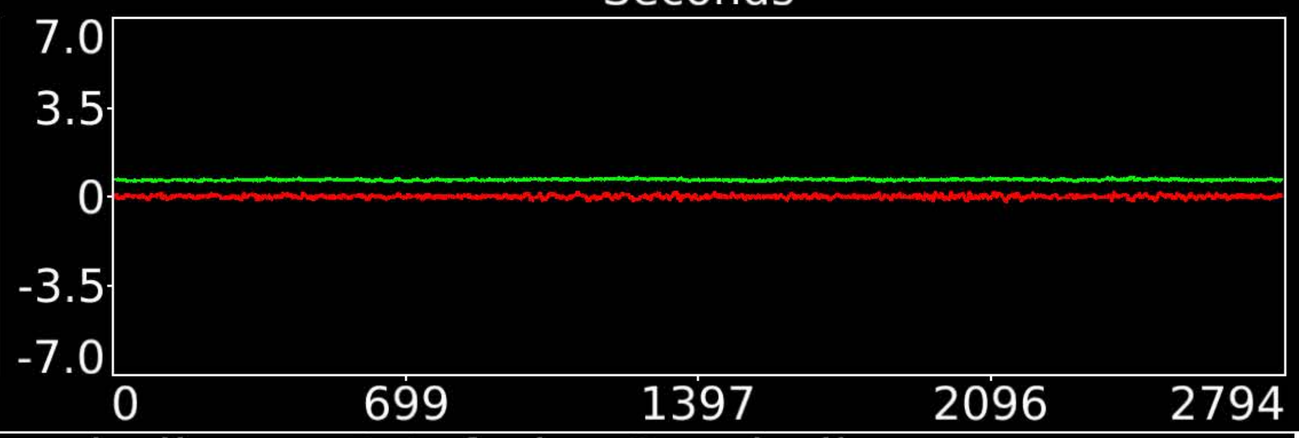
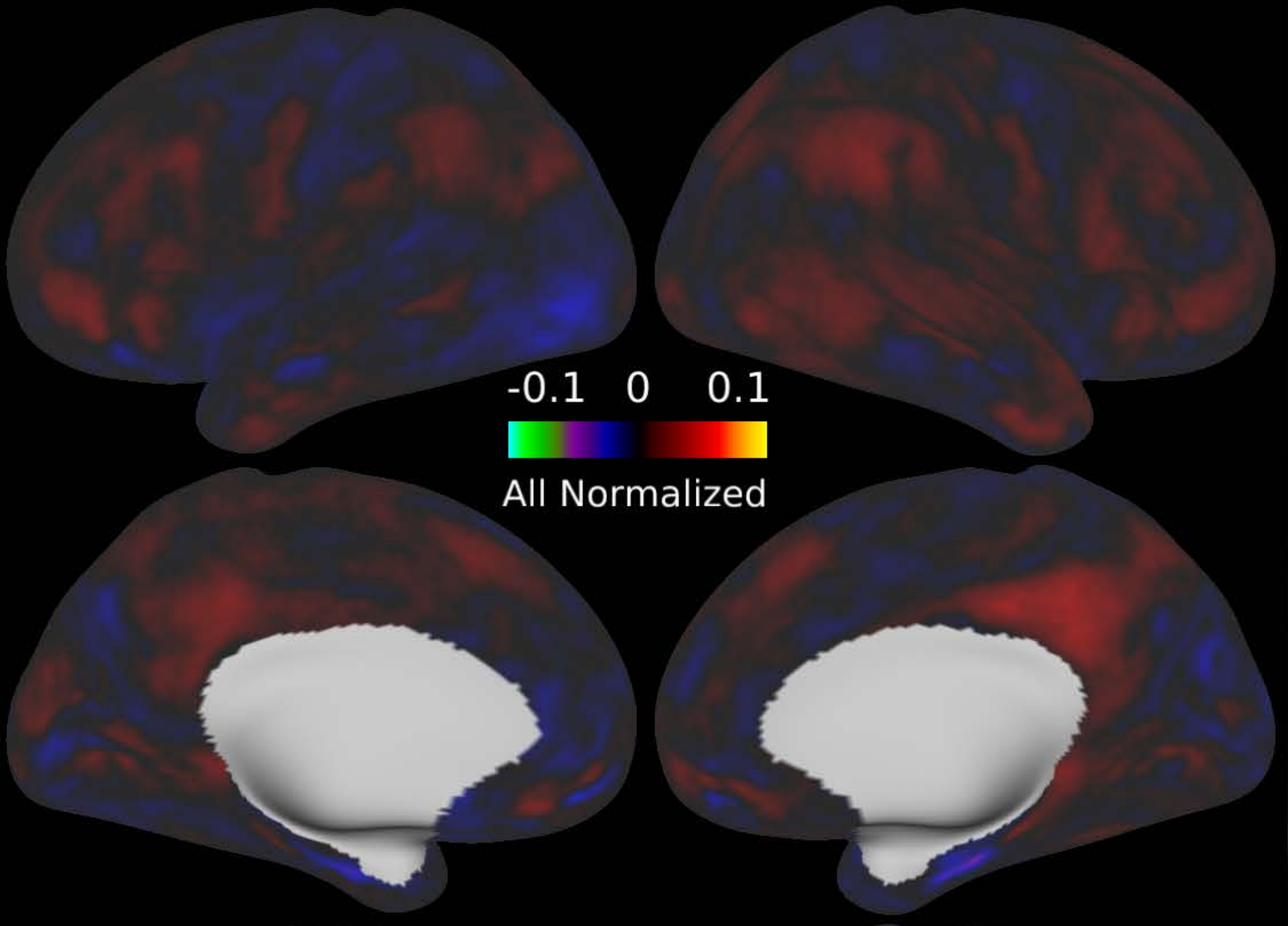


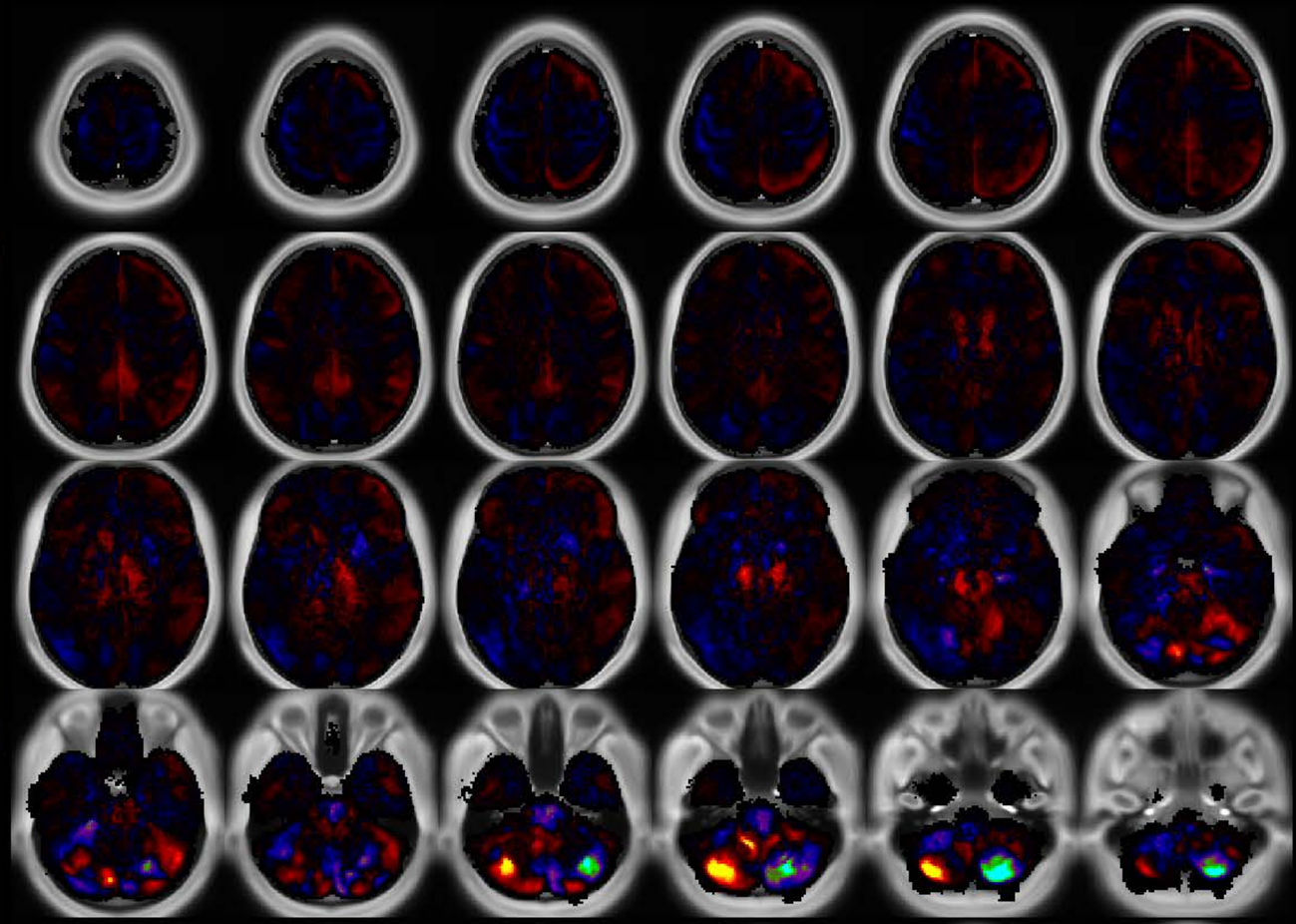
Seconds

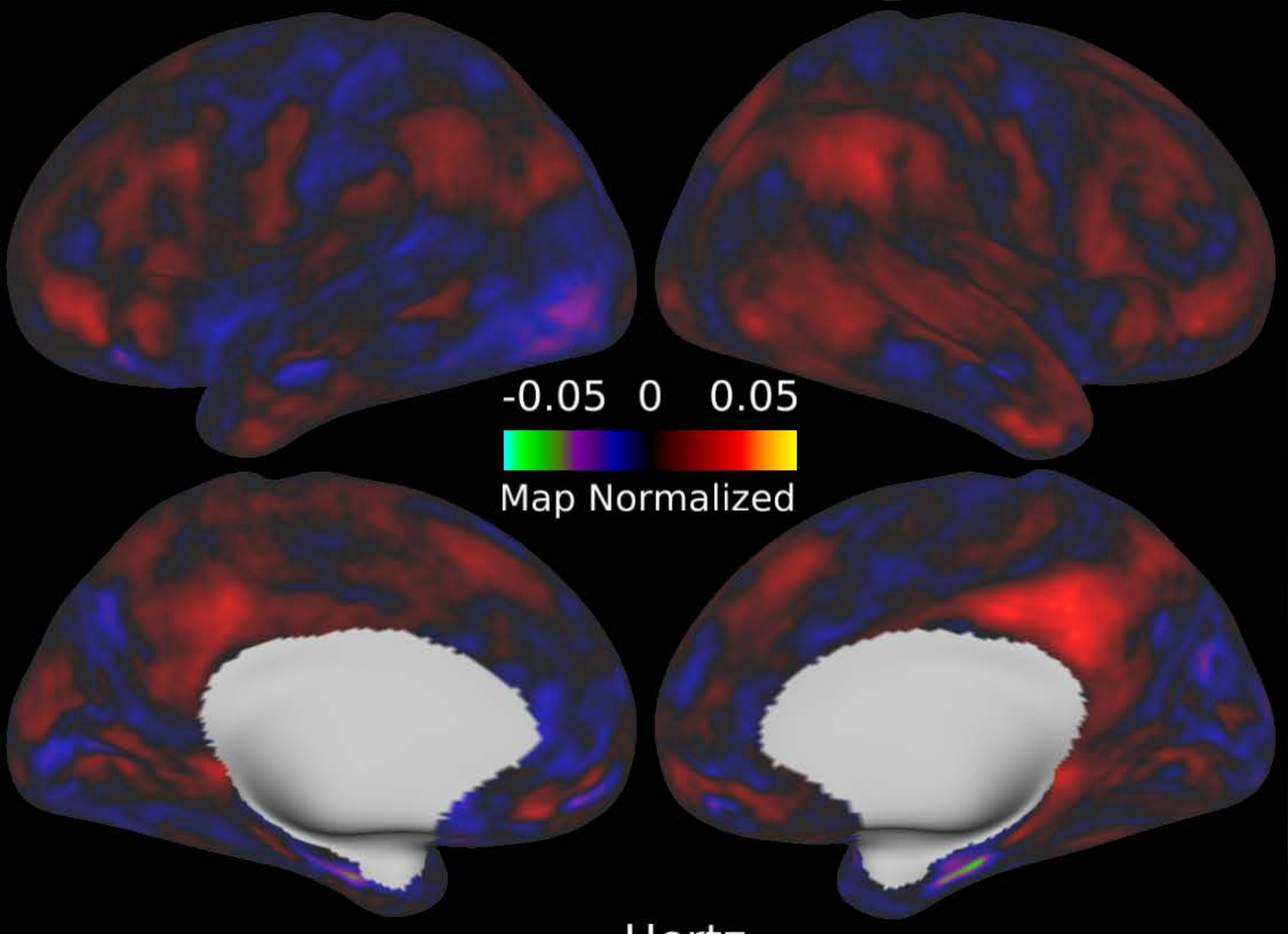




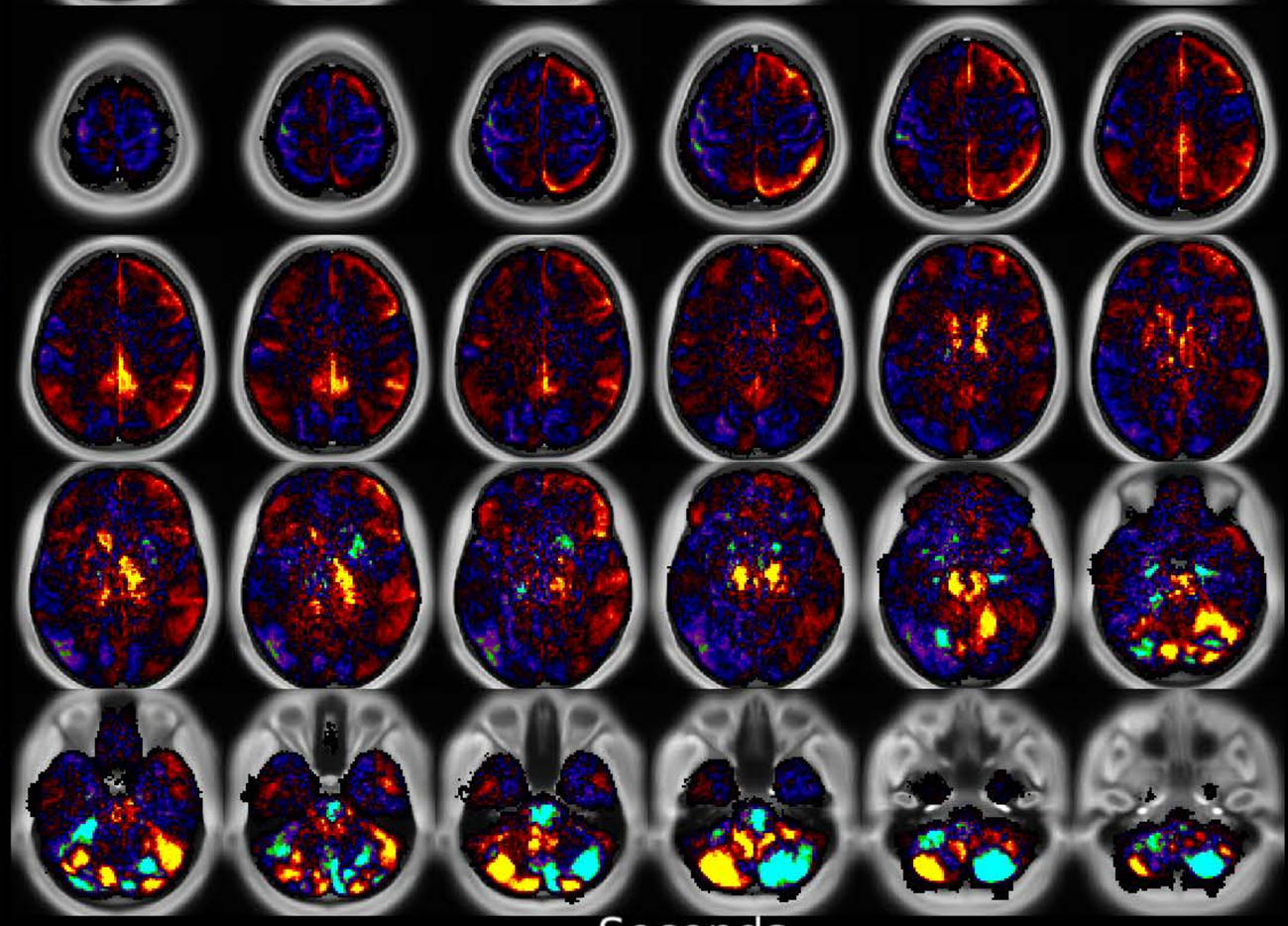
Number & Class: 54 Noise	Name: R Inferior Cerebellum > L Inferior Cerebellum	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: Yes	% Variance Explained: 0.73	Globality Index: 0.16
Rest Component: No	Taskr Component: 51	Task Modulated: No
Rationale: Single subject component whose spatial map is not reflective of known RSNs or Areas		



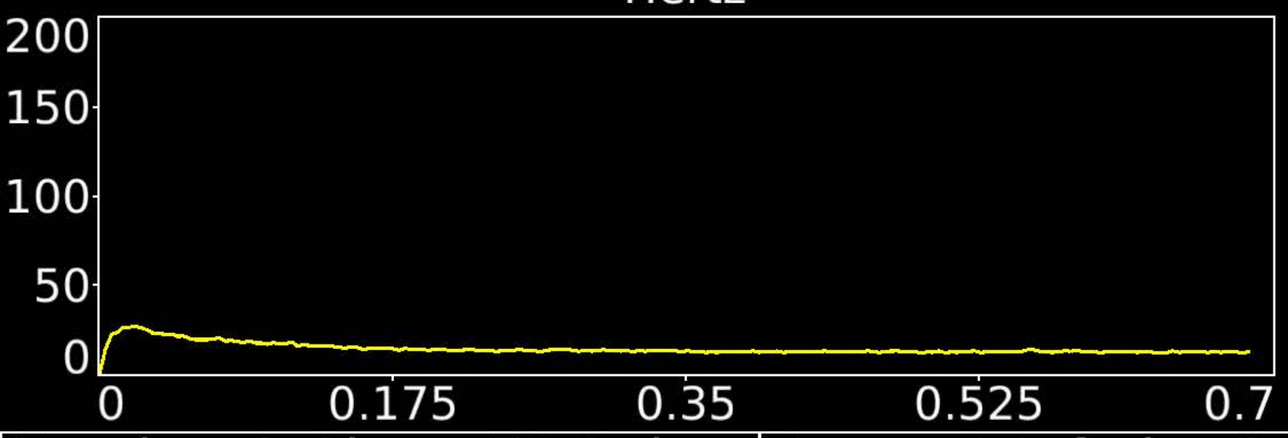


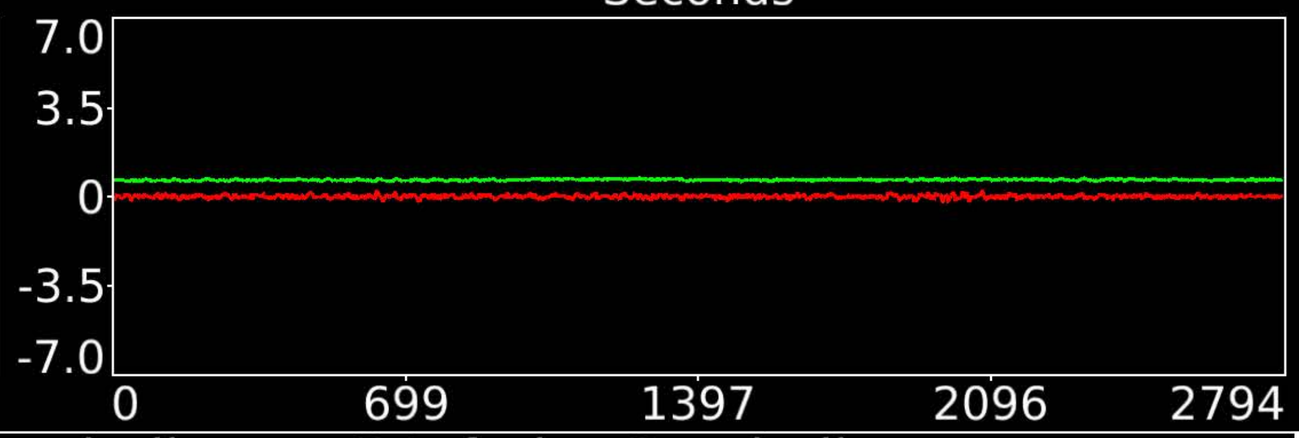


Hertz



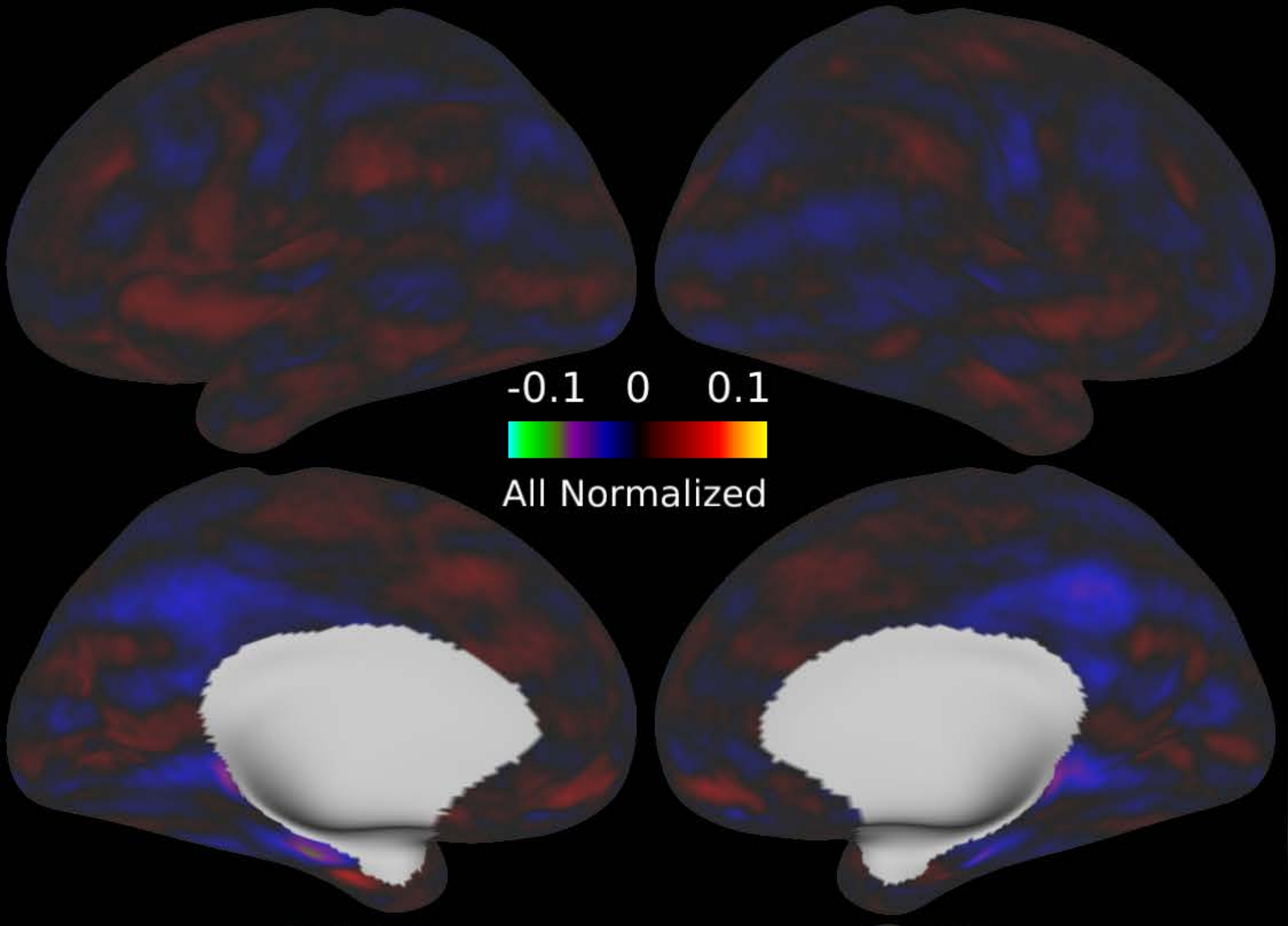
Seconds

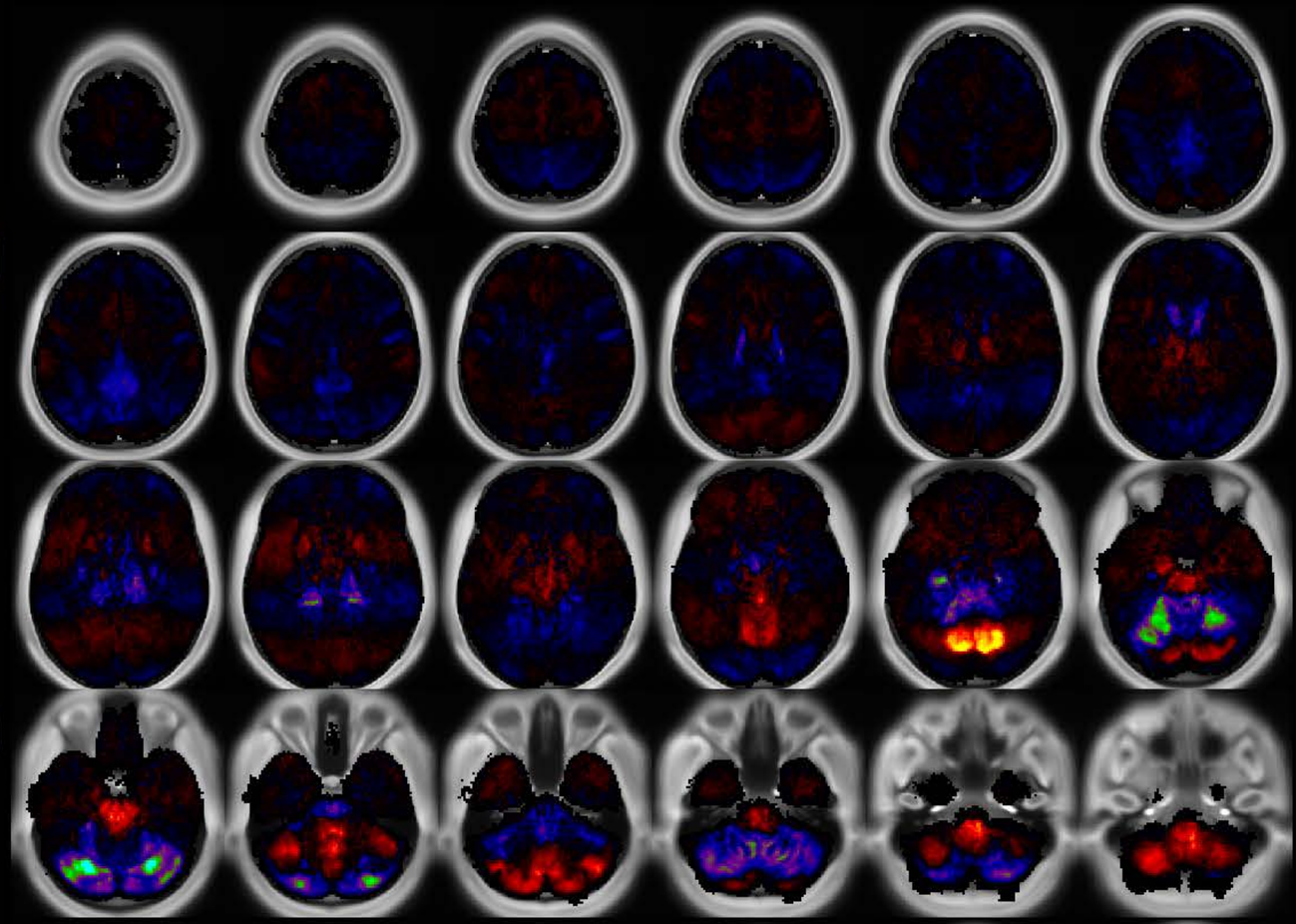


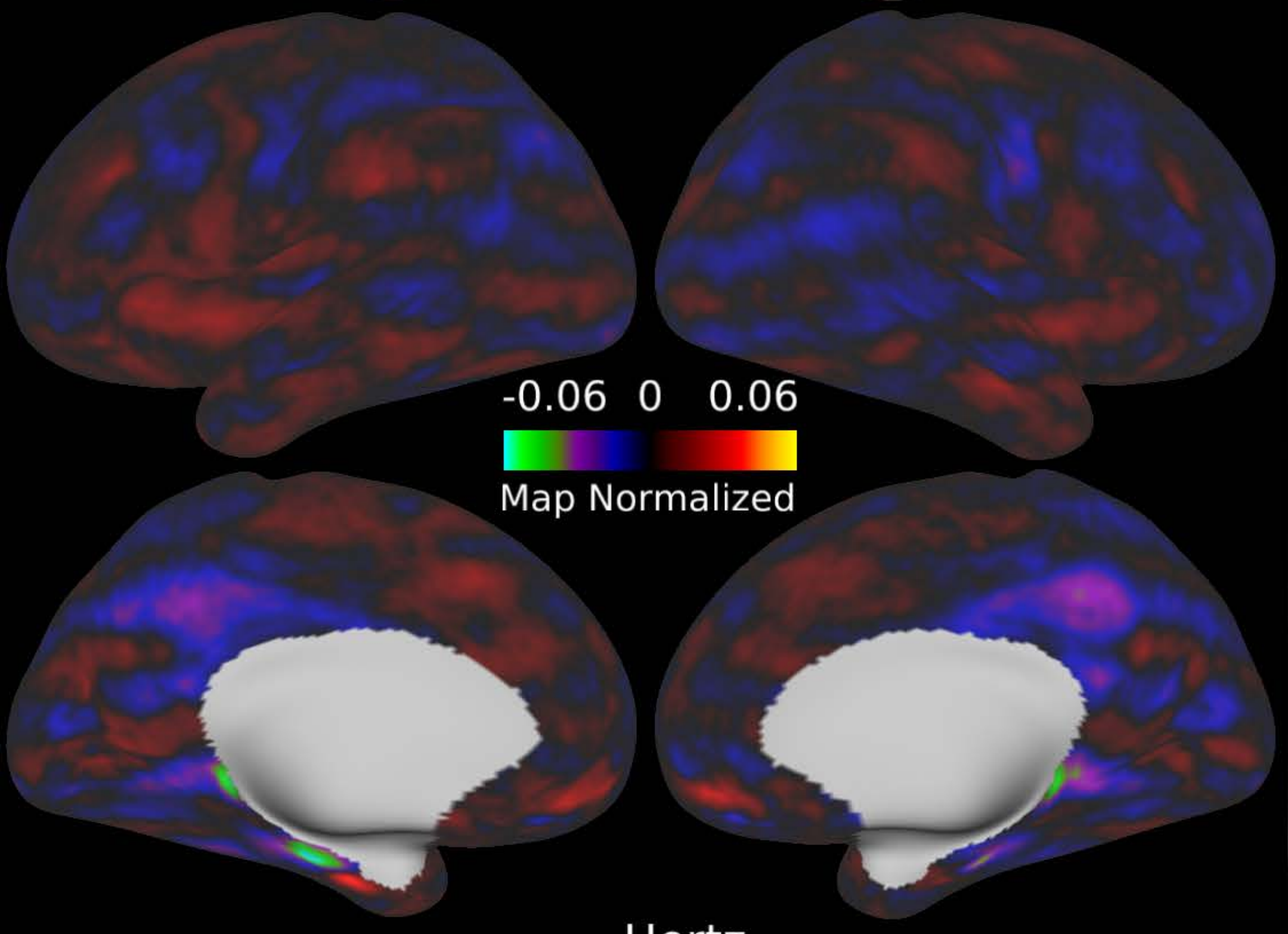


Number & Class: 55 Noise	Name: L Inferior Cerebellum > R Inferior Cerebellum	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: Yes	% Variance Explained: 0.72	Globality Index: 0.15
Rest Component: No	Taskr Component: 54	Task Modulated: No

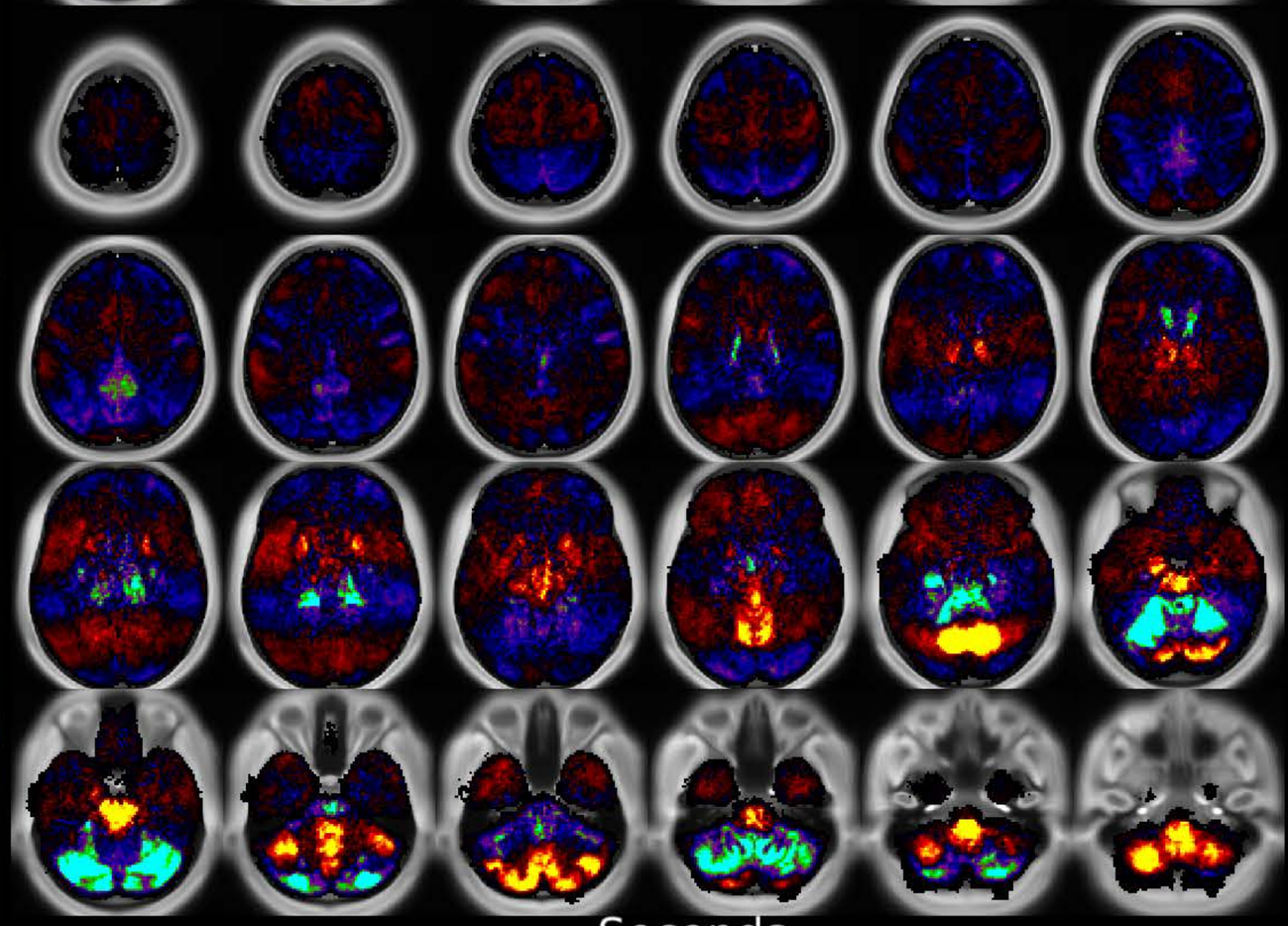
Rationale: DVARS Dip associated single subject component whose spatial map is not reflective of known RSNs or Areas



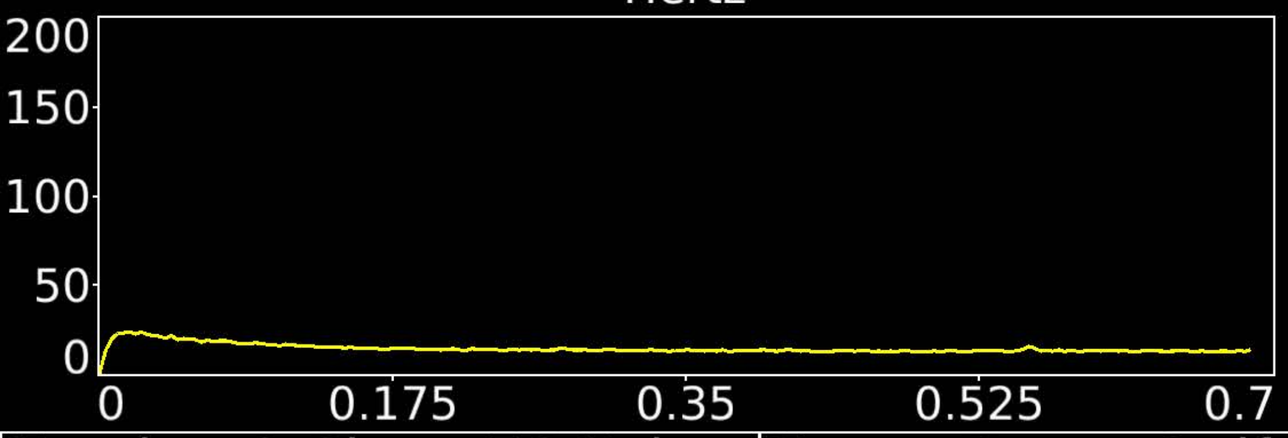


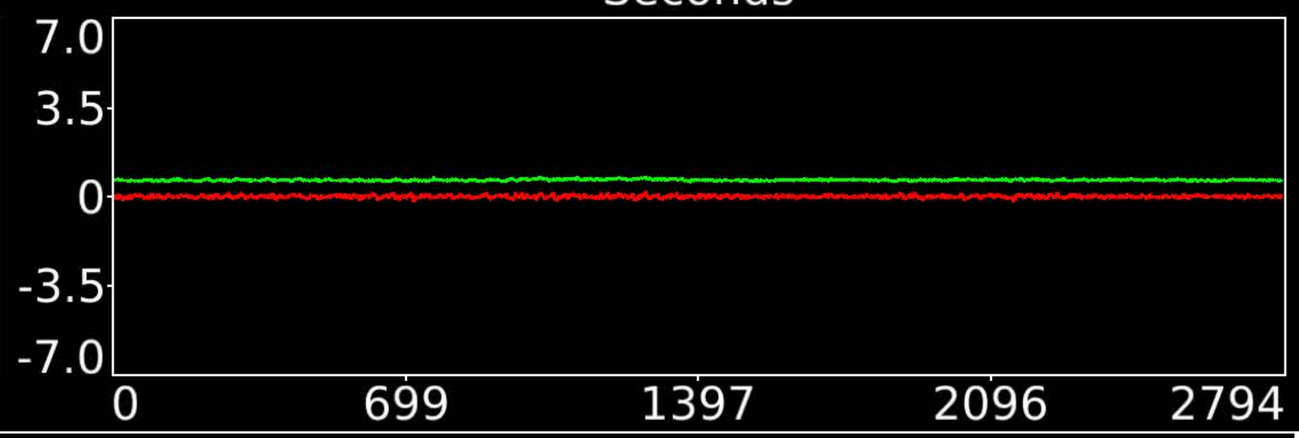


Hertz

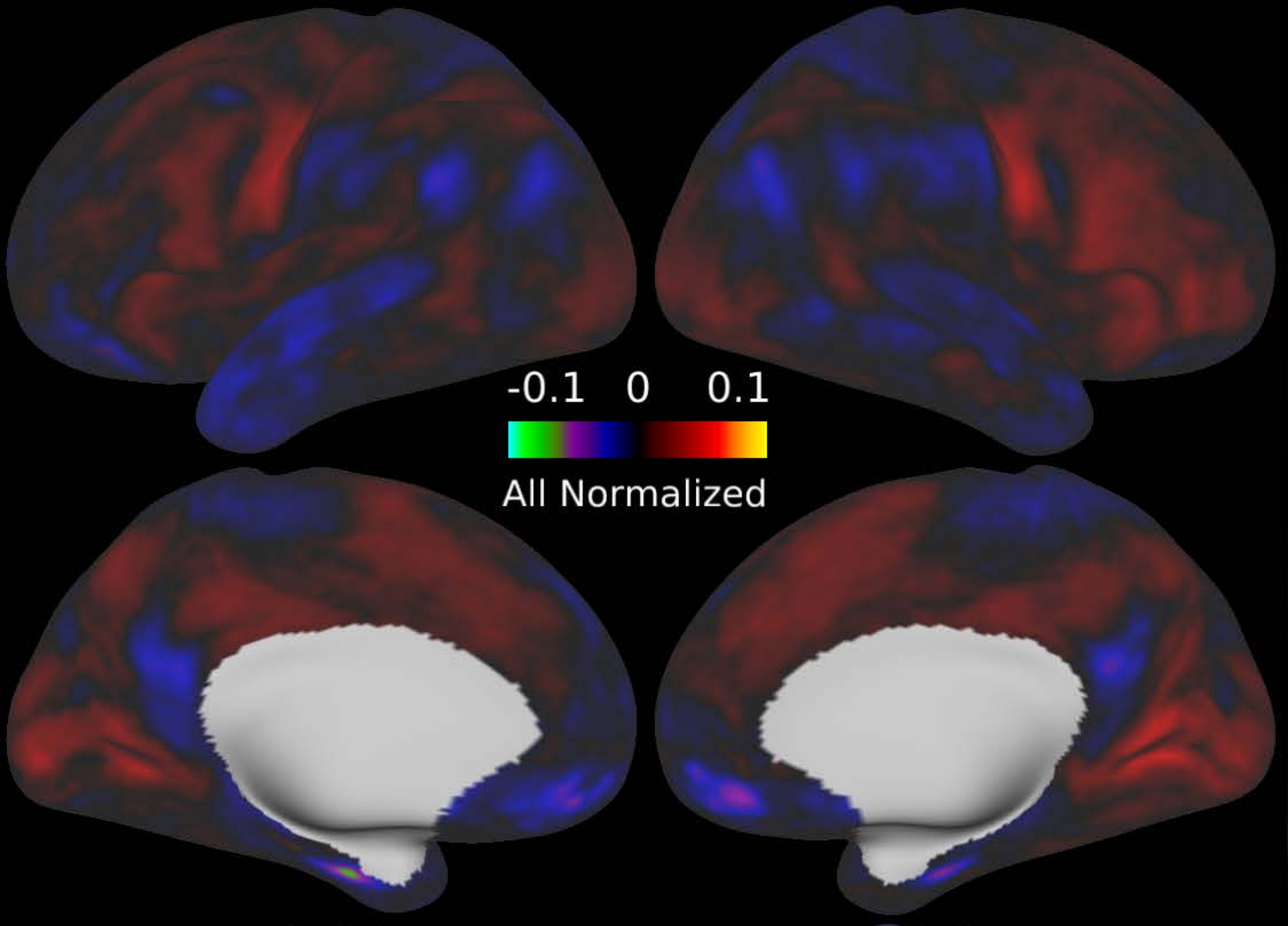


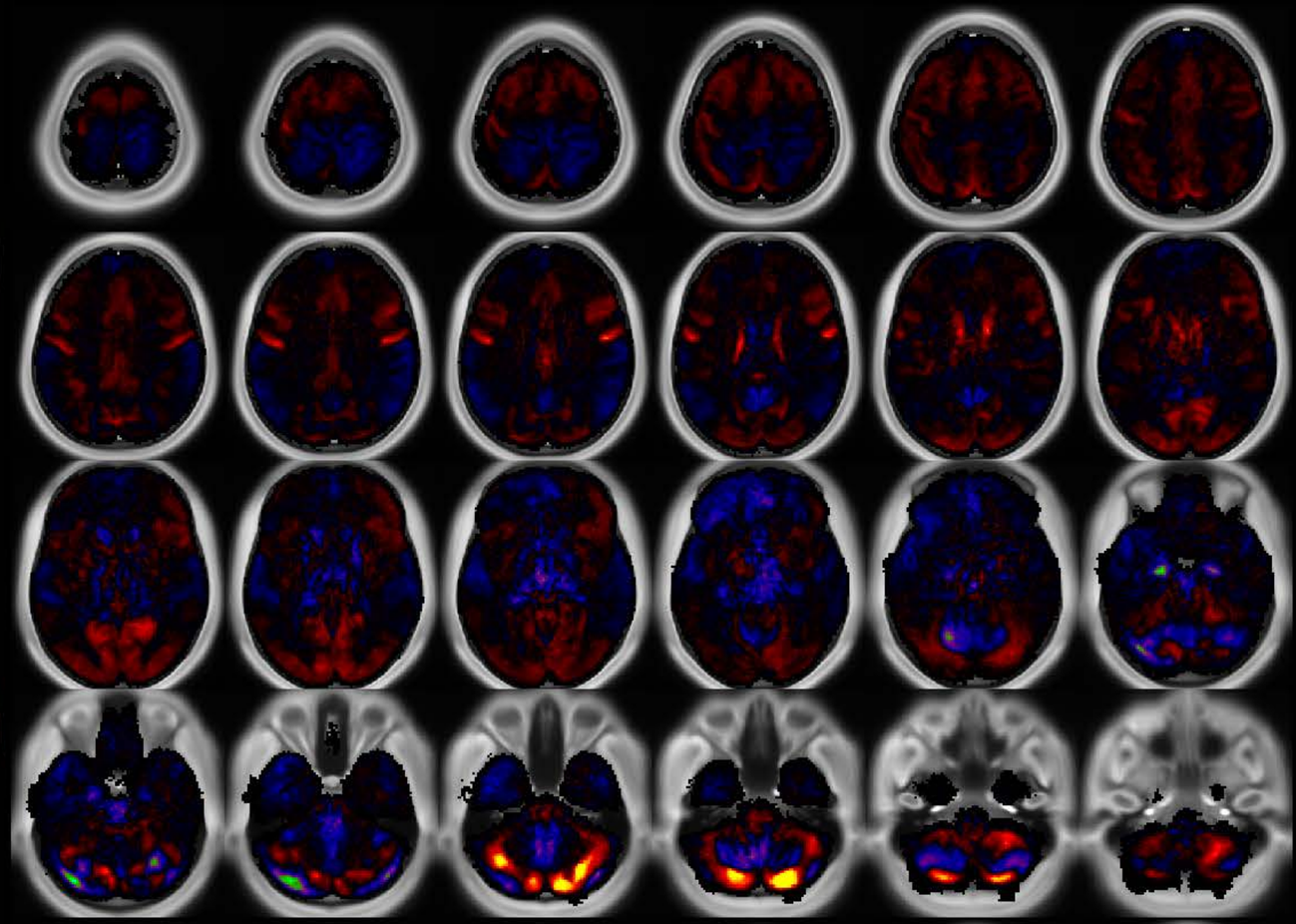
Seconds

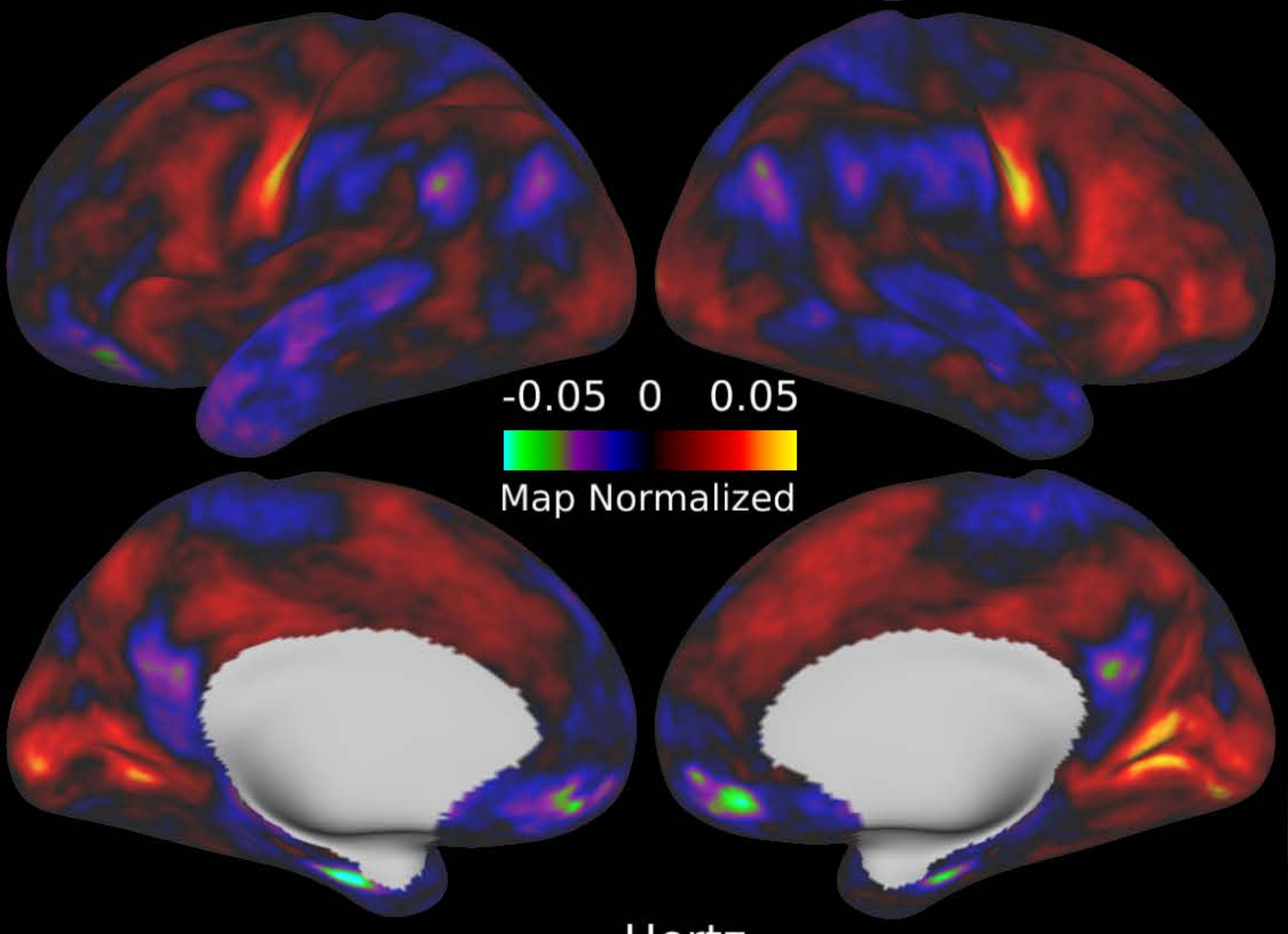




Number & Class: 56 Noise	Name: Recon Artifact	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.7	Globality Index: 0.17
Rest Component: No	Taskr Component: No	Task Modulated: No
Rationale: Obvious banding in sagittal plane suggestive of multi-band reconstruction artifact; DVARS dips associated		







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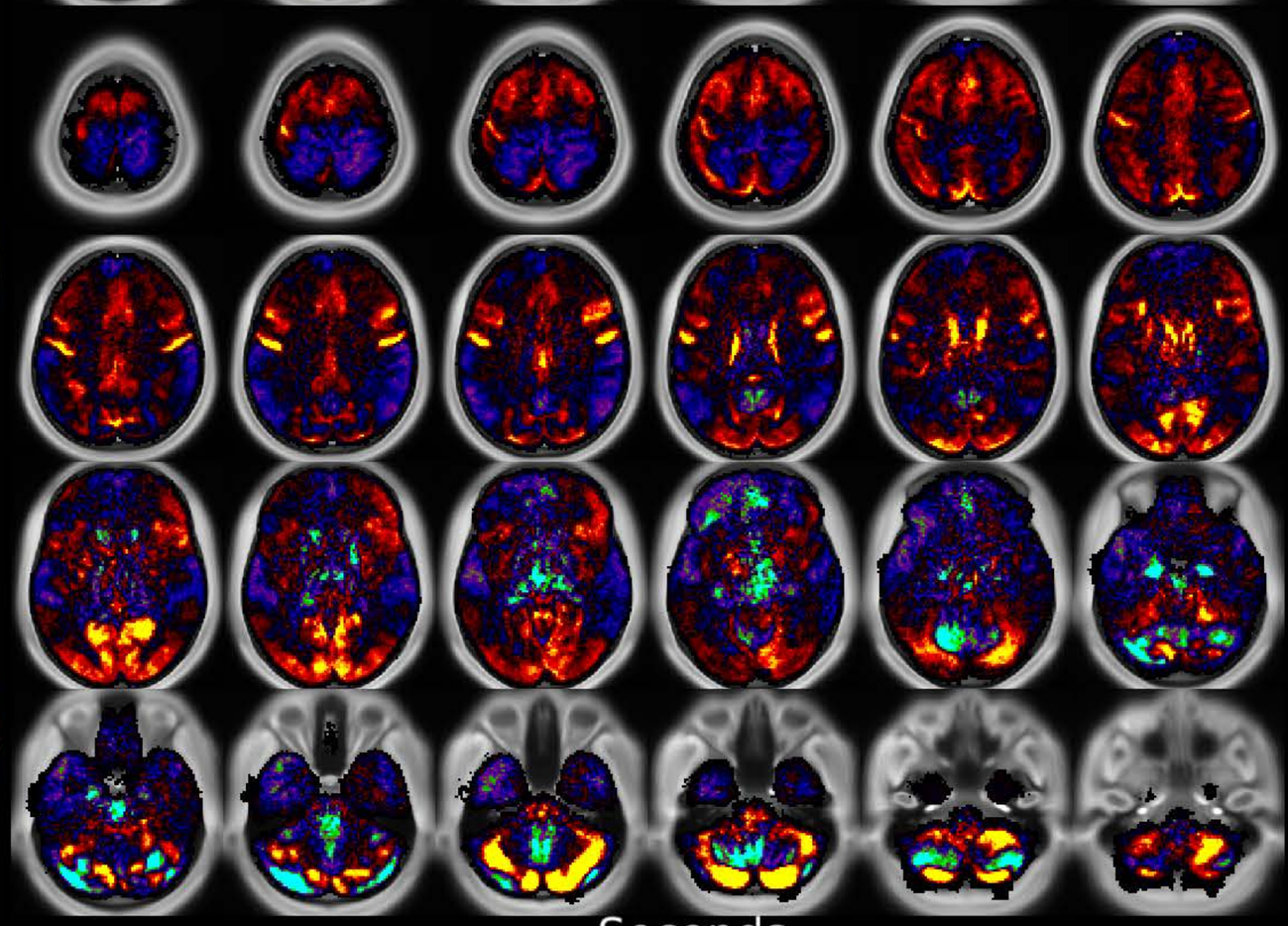

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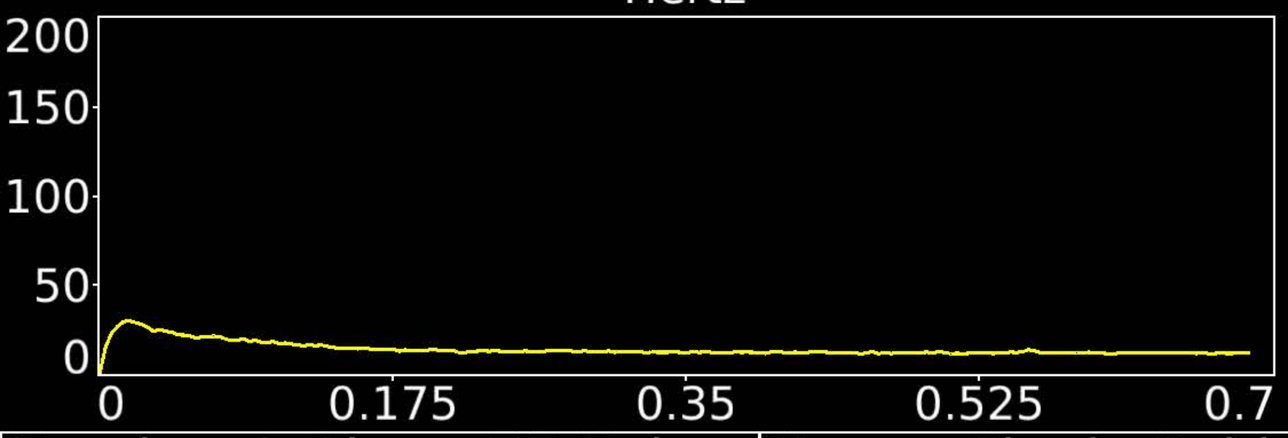
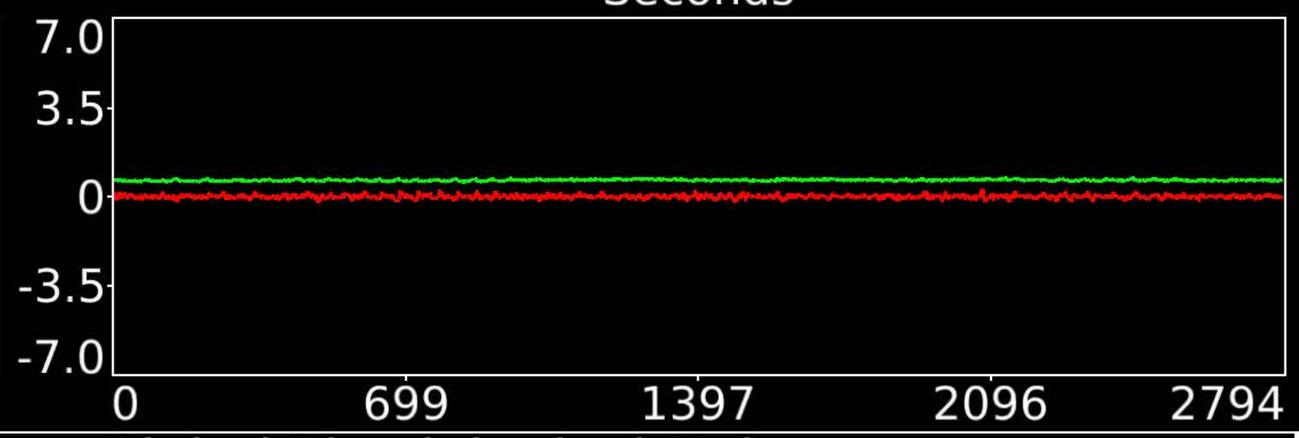
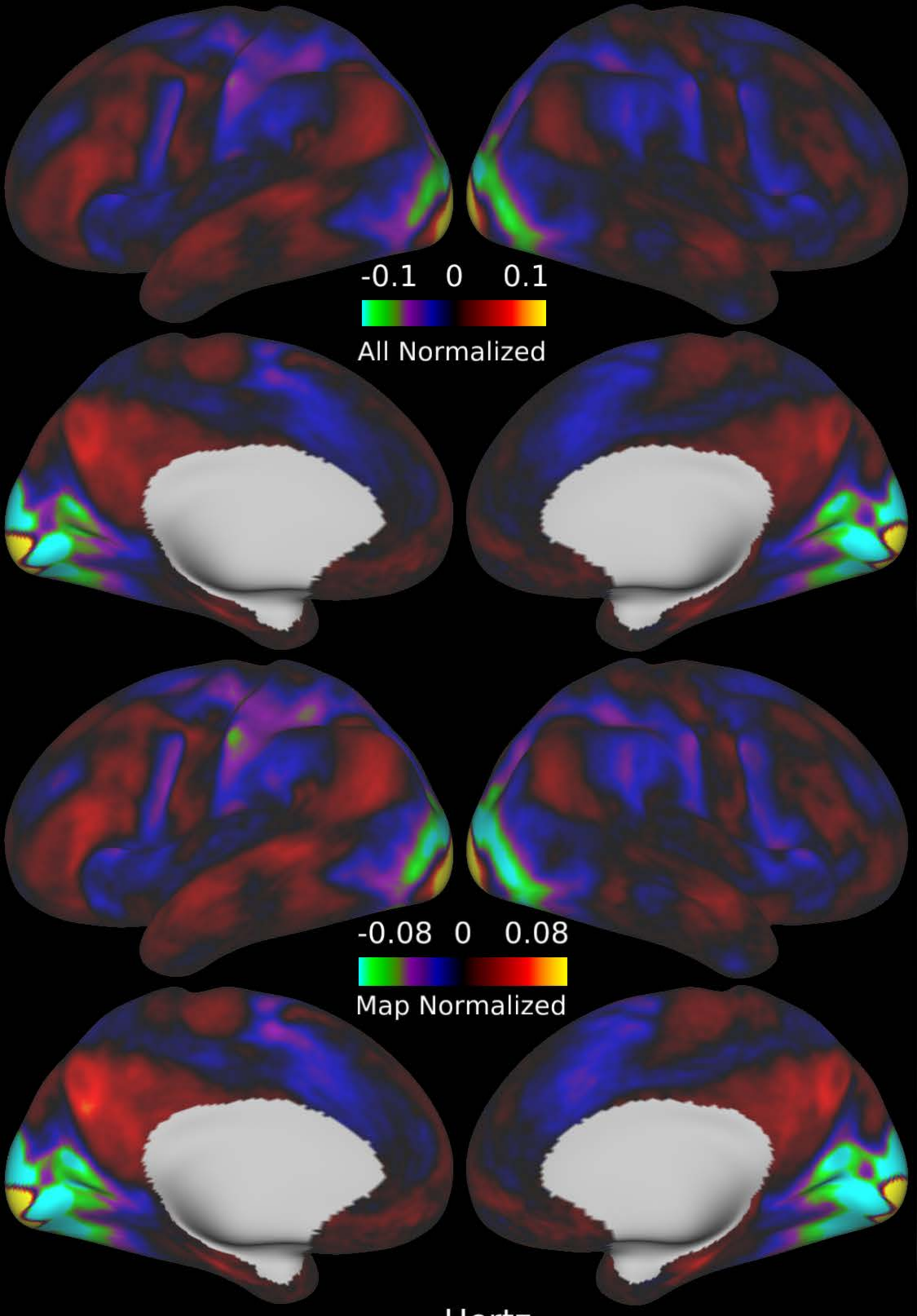
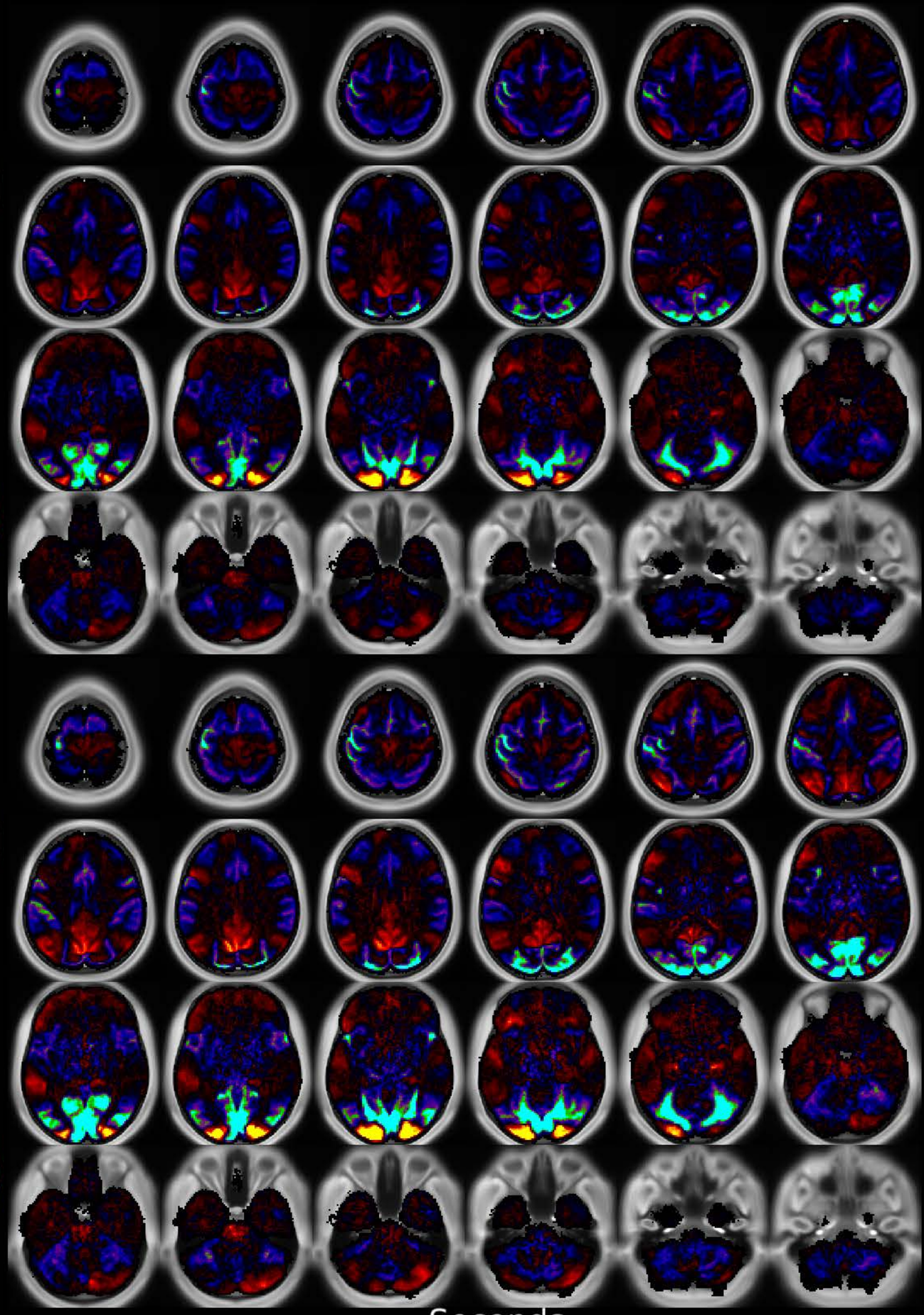


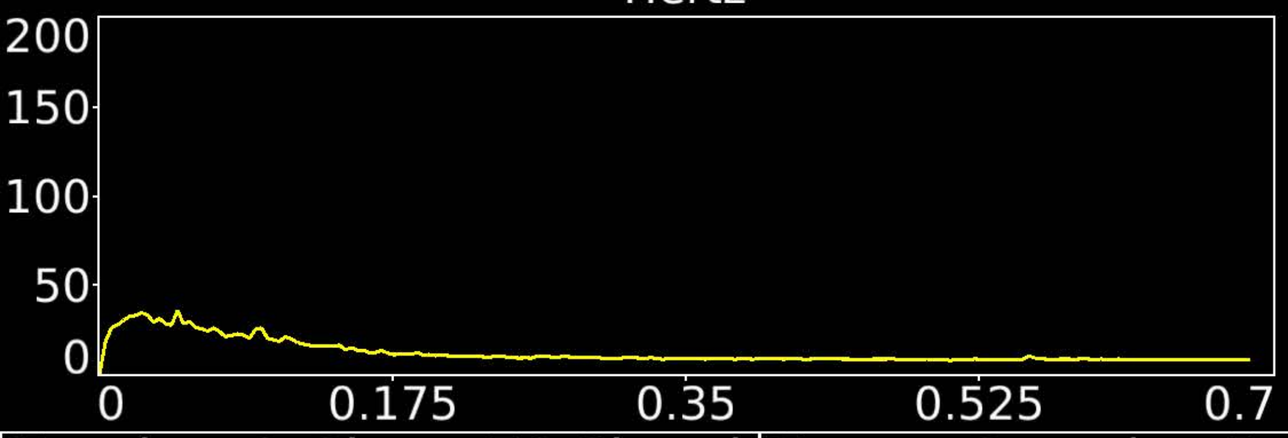


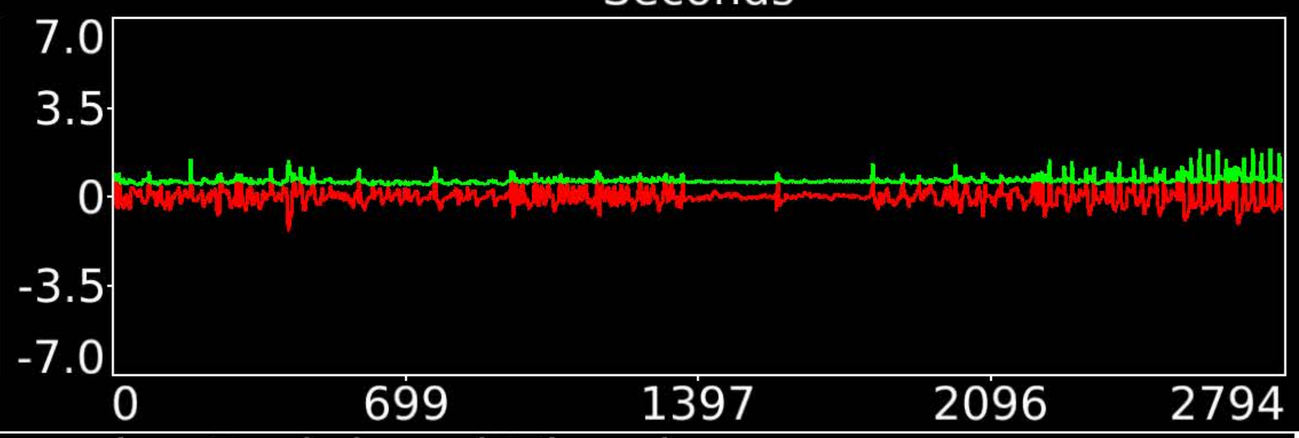
Number & Class: 57 Noise	Name: Single Subject Global Physiological Noise	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: Yes	% Variance Explained: 0.69	Globality Index: 0.25
Rest Component: No	Taskr Component: No	Task Modulated: No

Rationale: Single subject component with high correlation to global timecourse
.

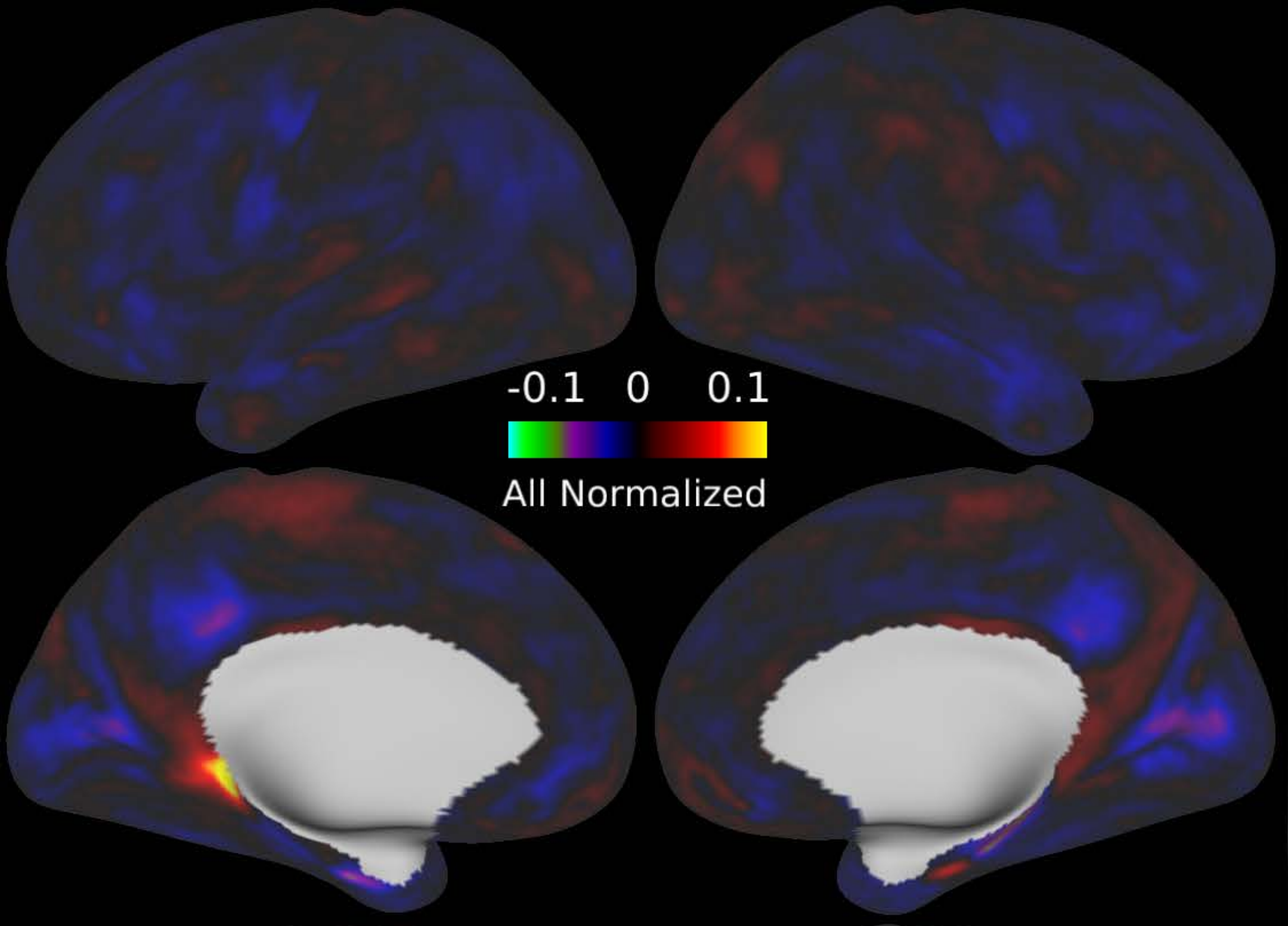


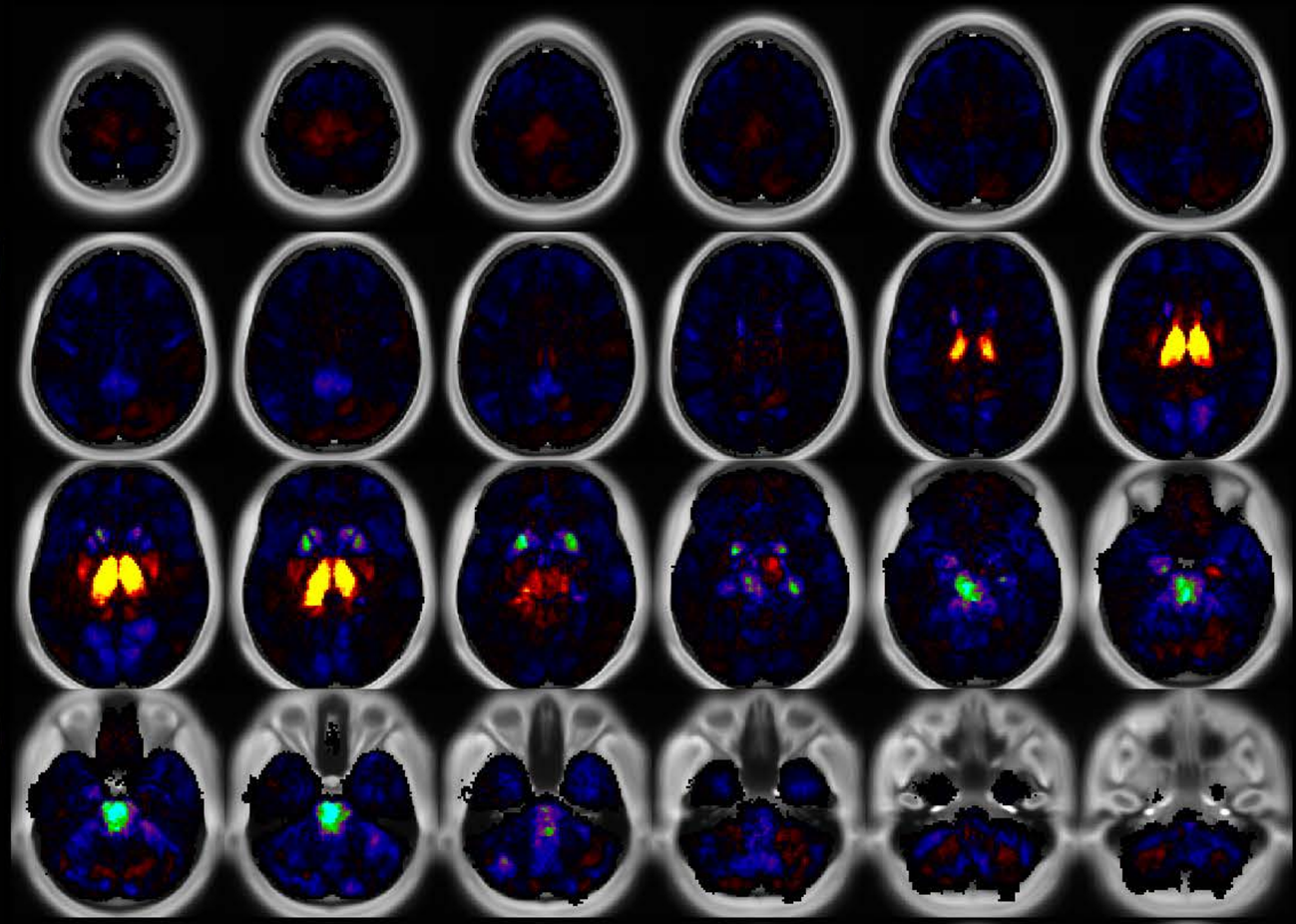


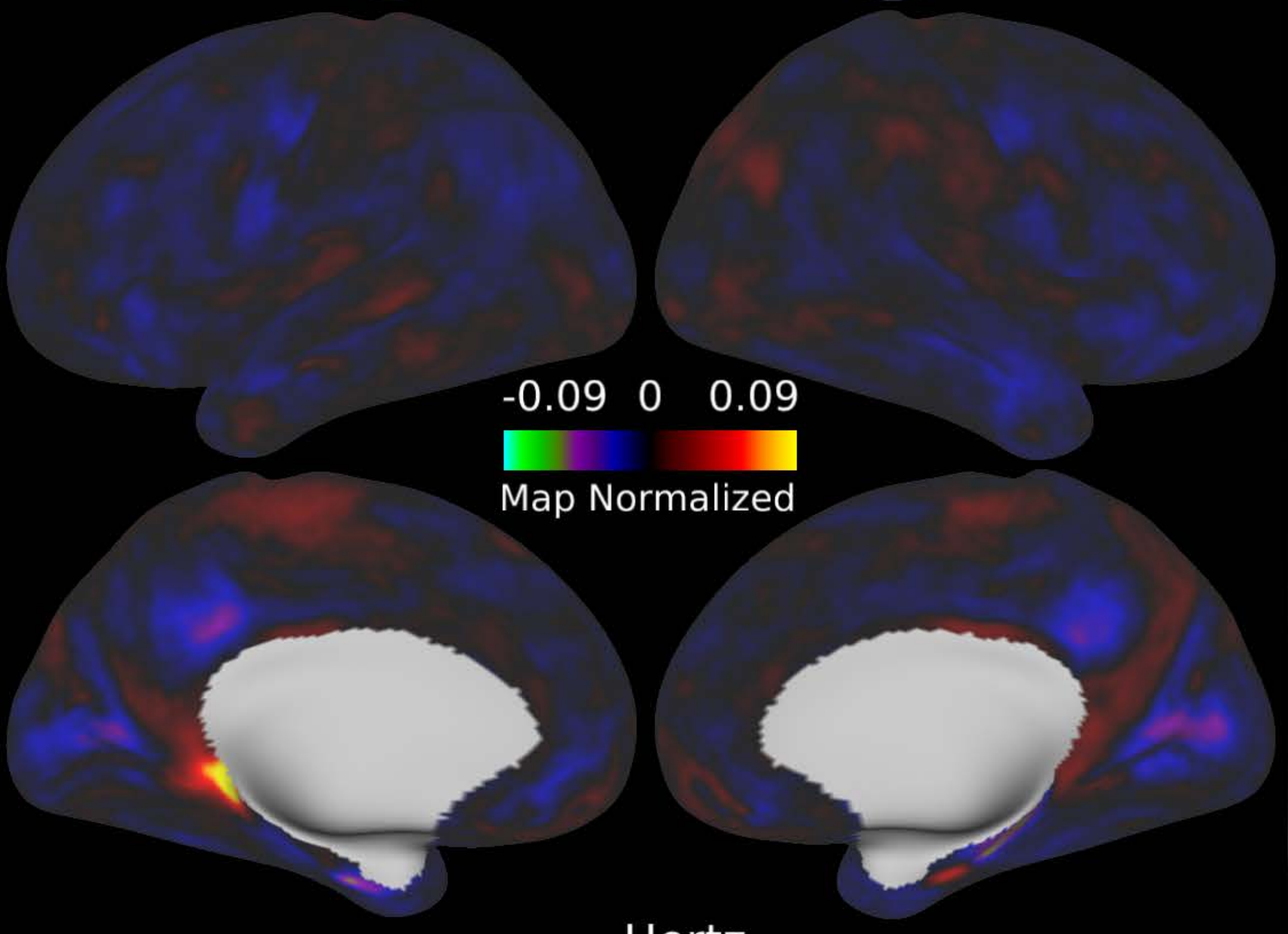




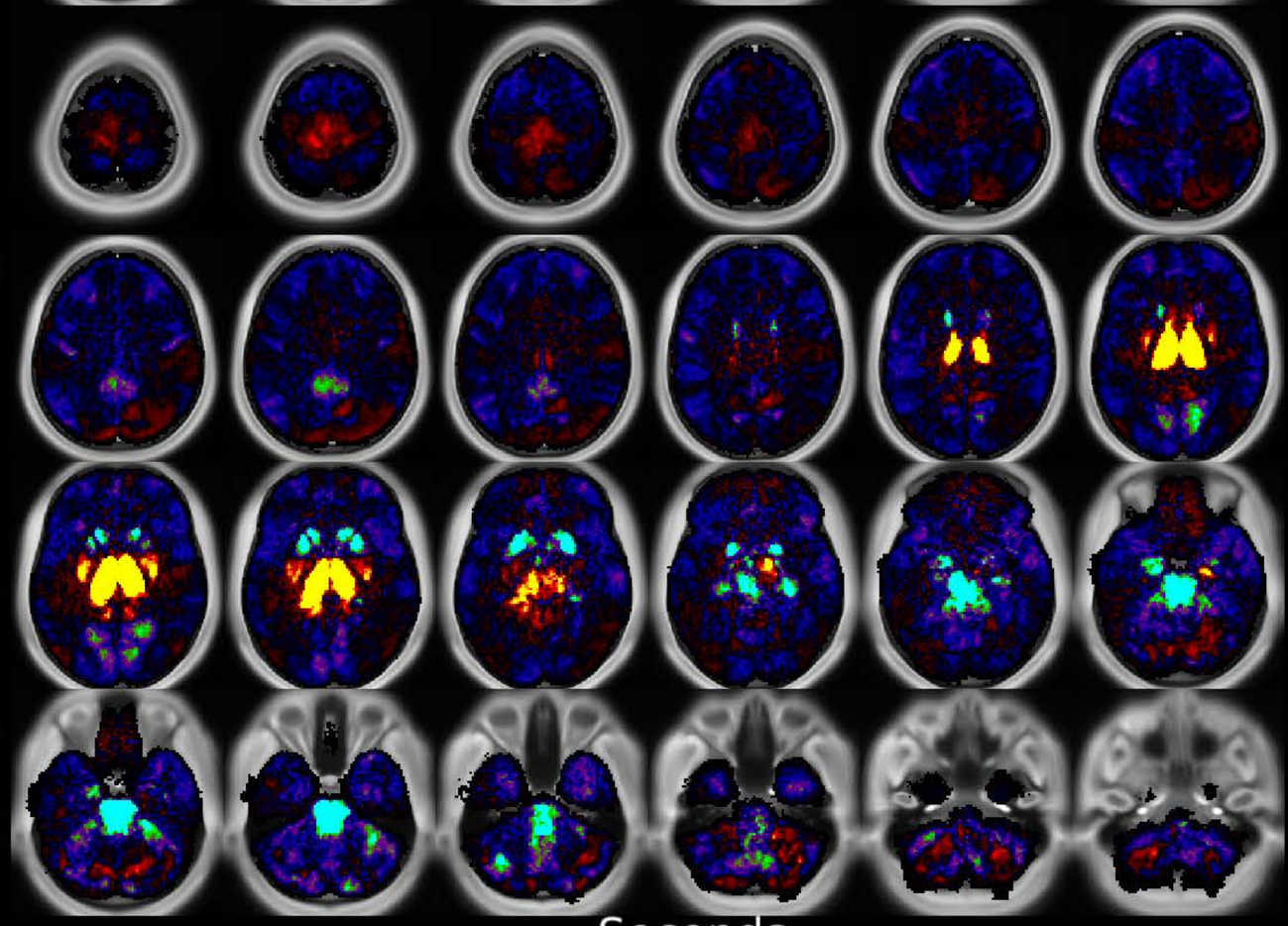
Number & Class: 58 Signal	Name: Complex Foveal > Peripheral Visual	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.69	Globality Index: 0.37
Rest Component: No	Taskr Component: No	Task Modulated: Emotion
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Foveal vs Peripheral)		







Hertz



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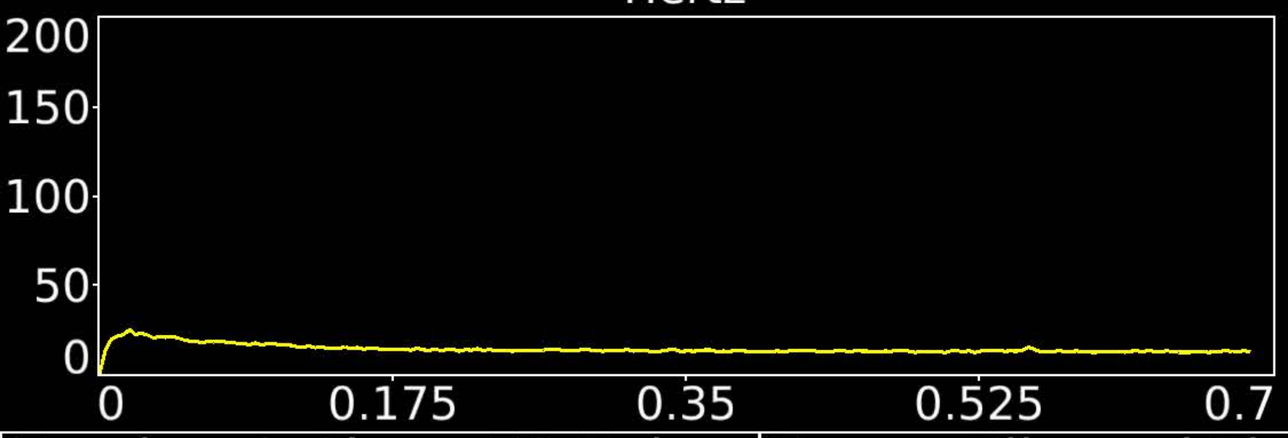
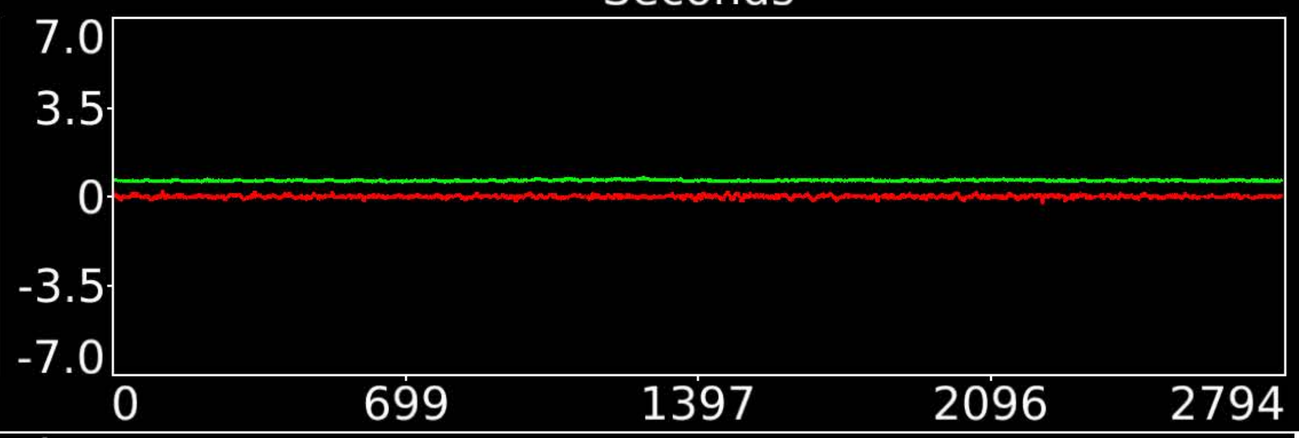
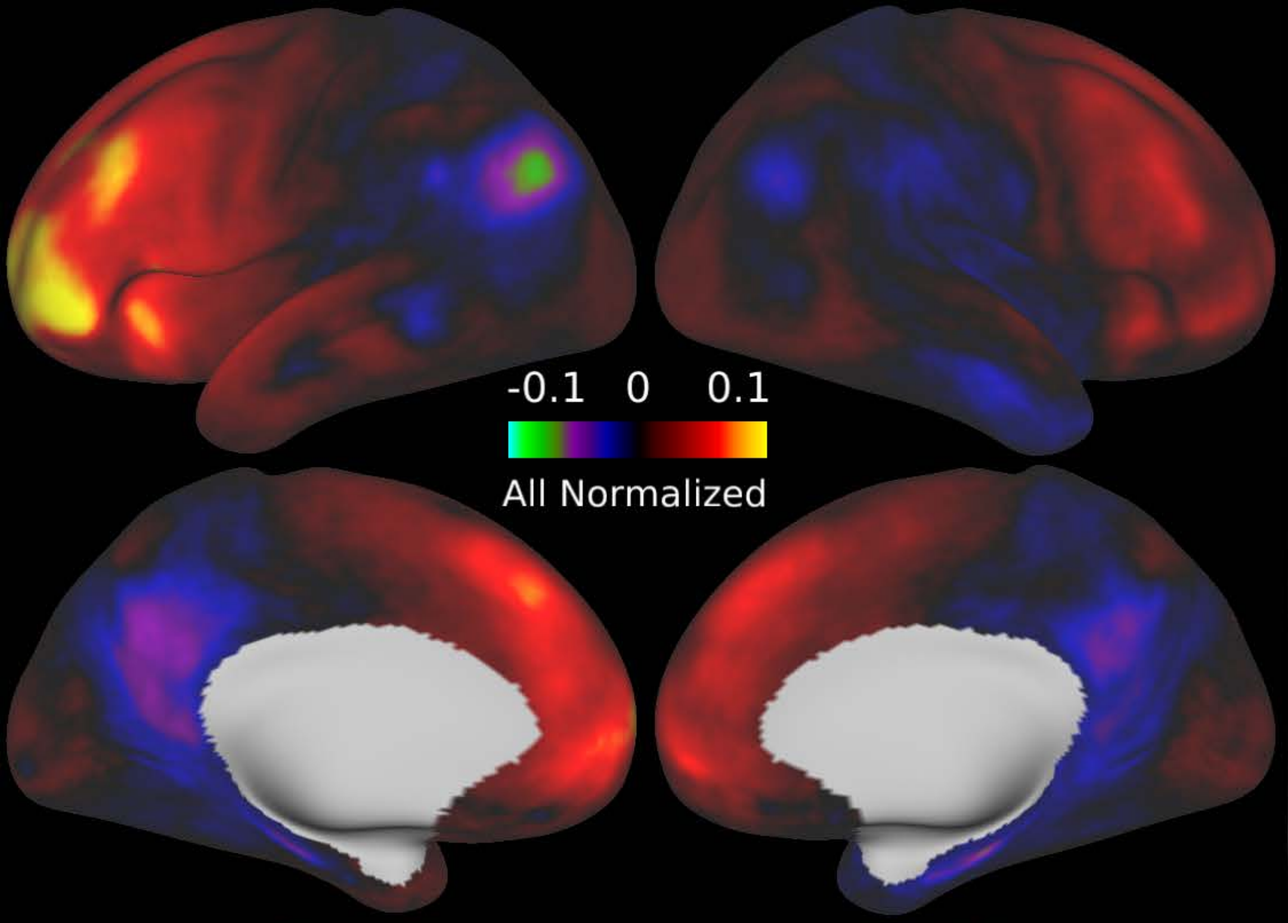
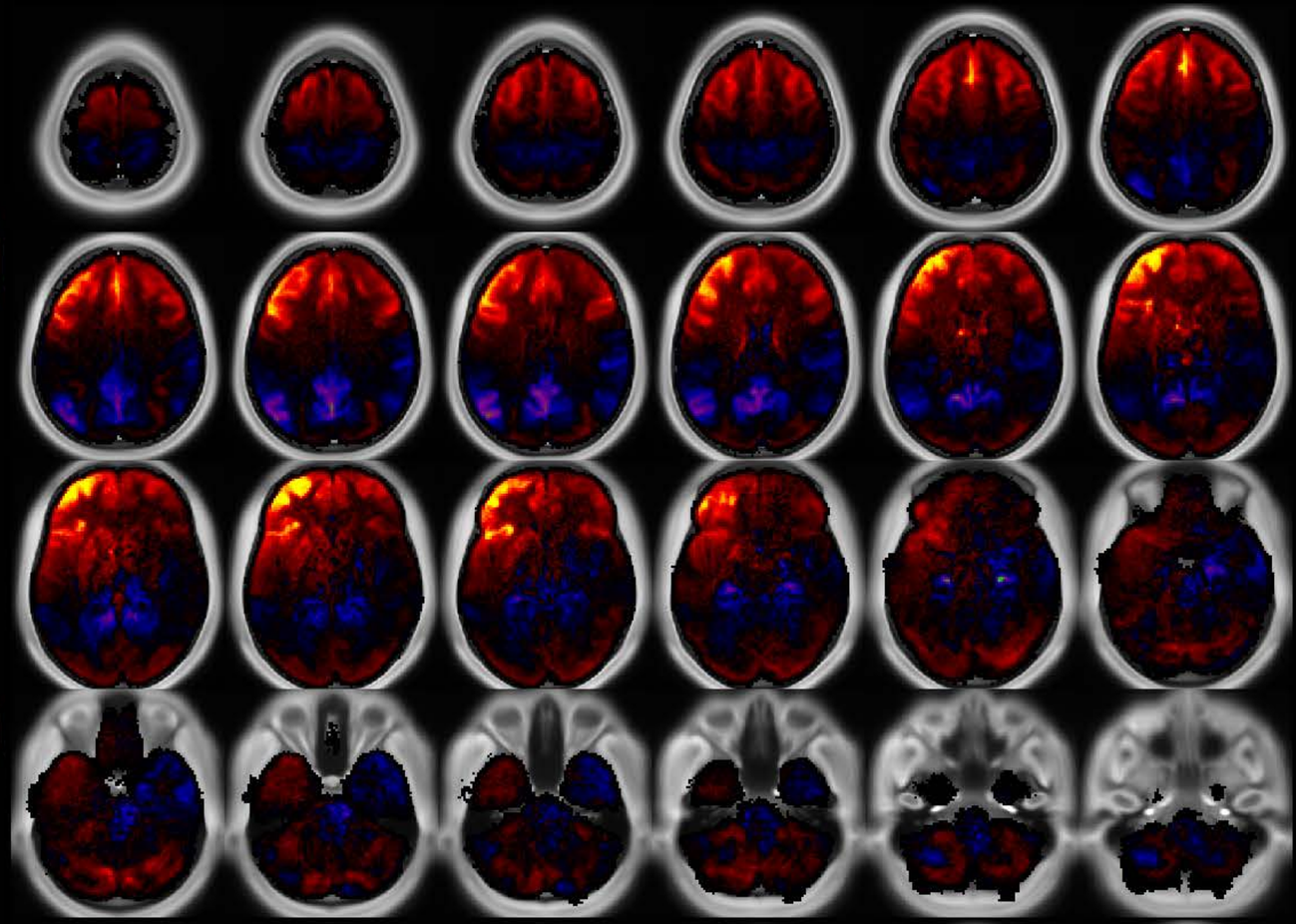


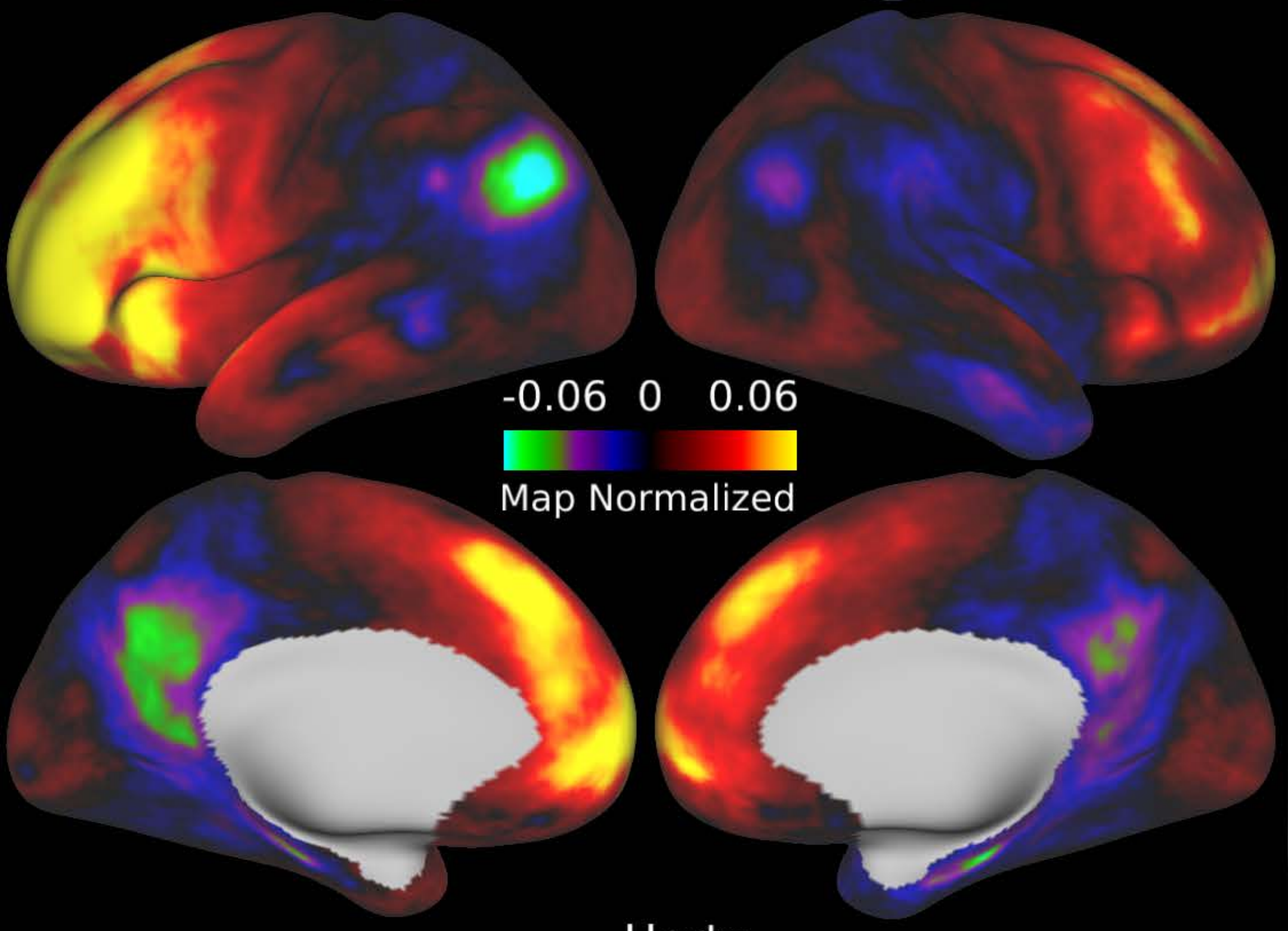


Number & Class: 59 Noise	Name: Bilateral Thalamus	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.66	Globality Index: 1.13
Rest Component: No	Taskr Component: No	Task Modulated: No

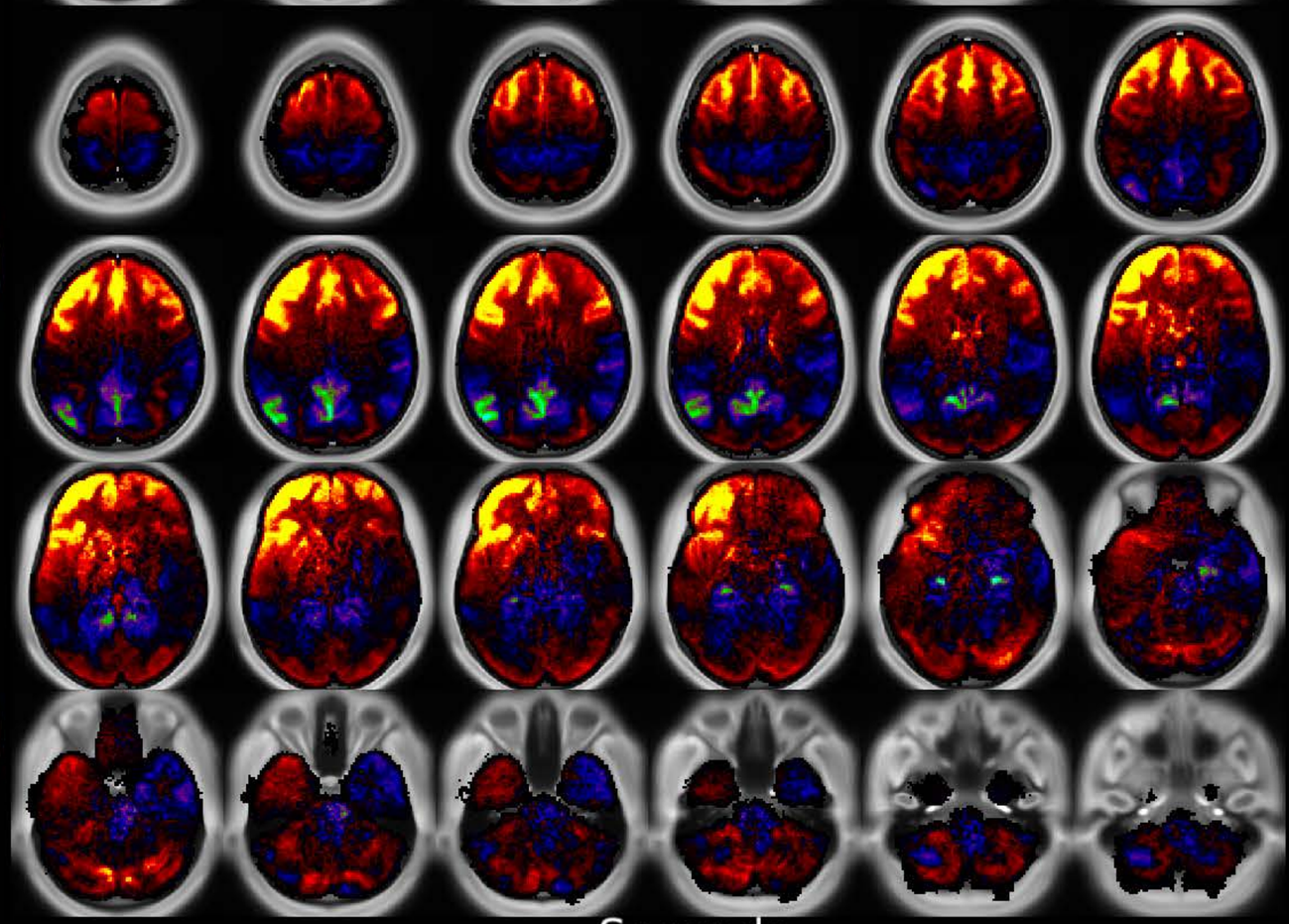
Rationale: Controversial: Variance correlated with other noise components; spatial map not reflective of known RSNs or areal boundaries



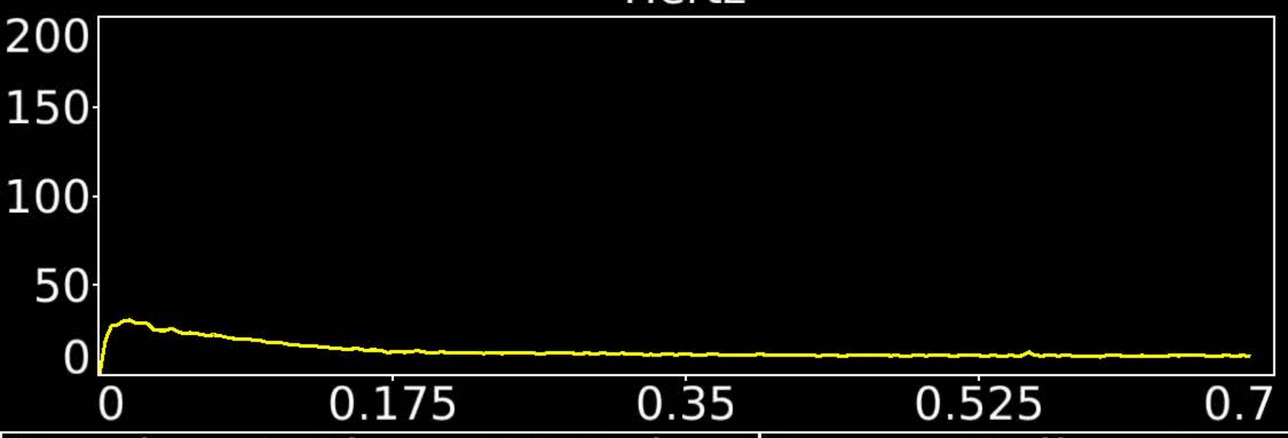


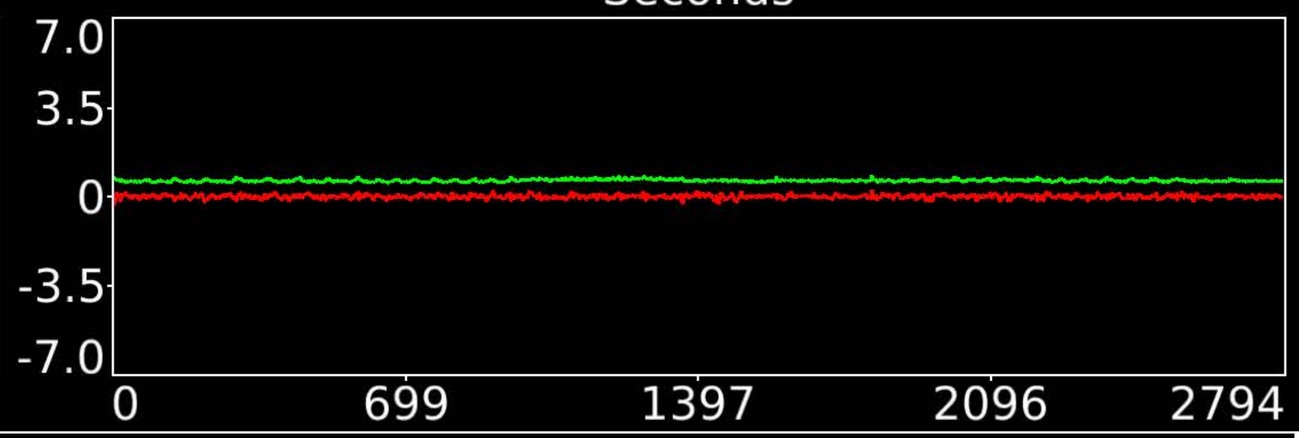


Hertz



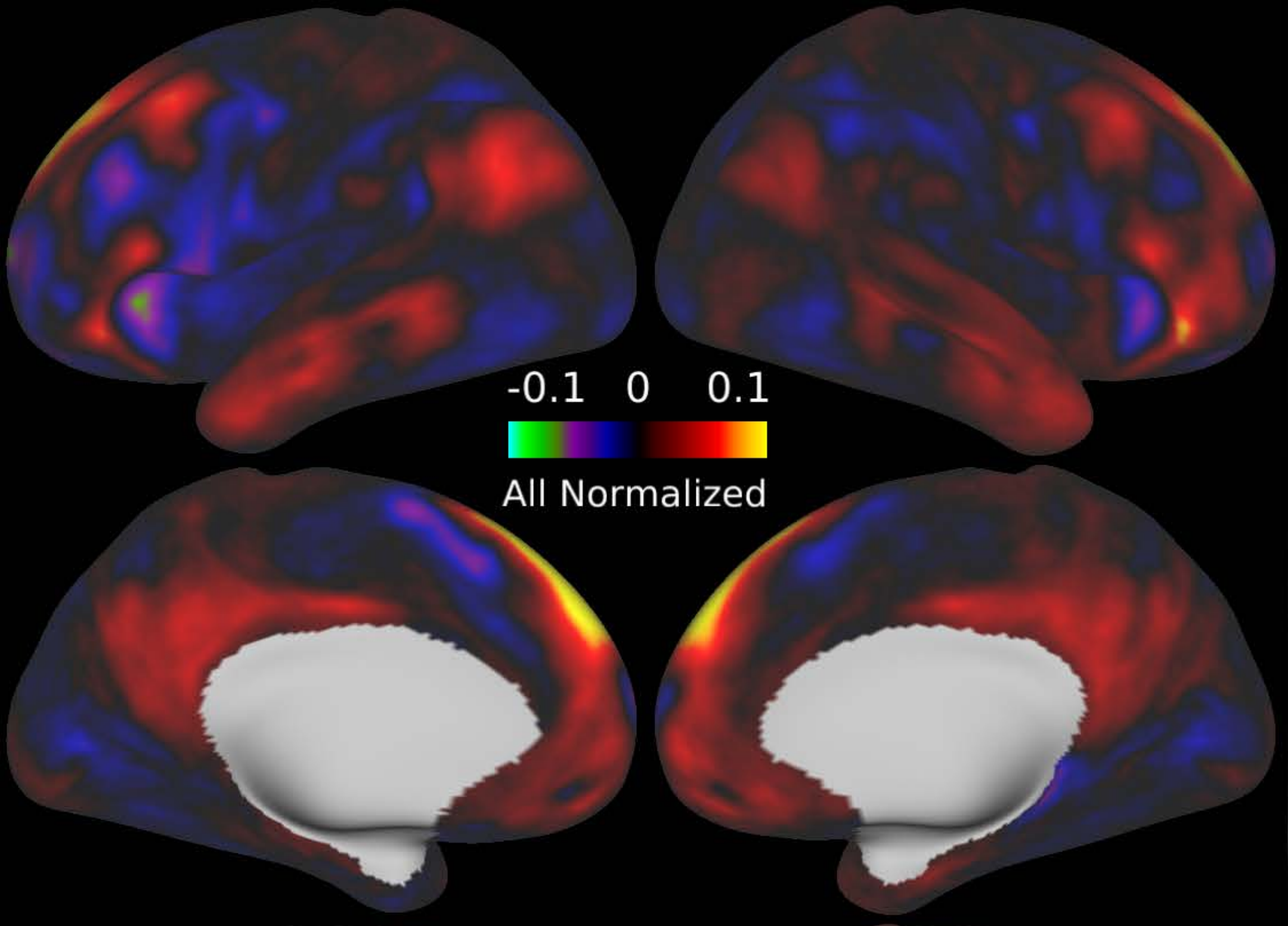
Seconds

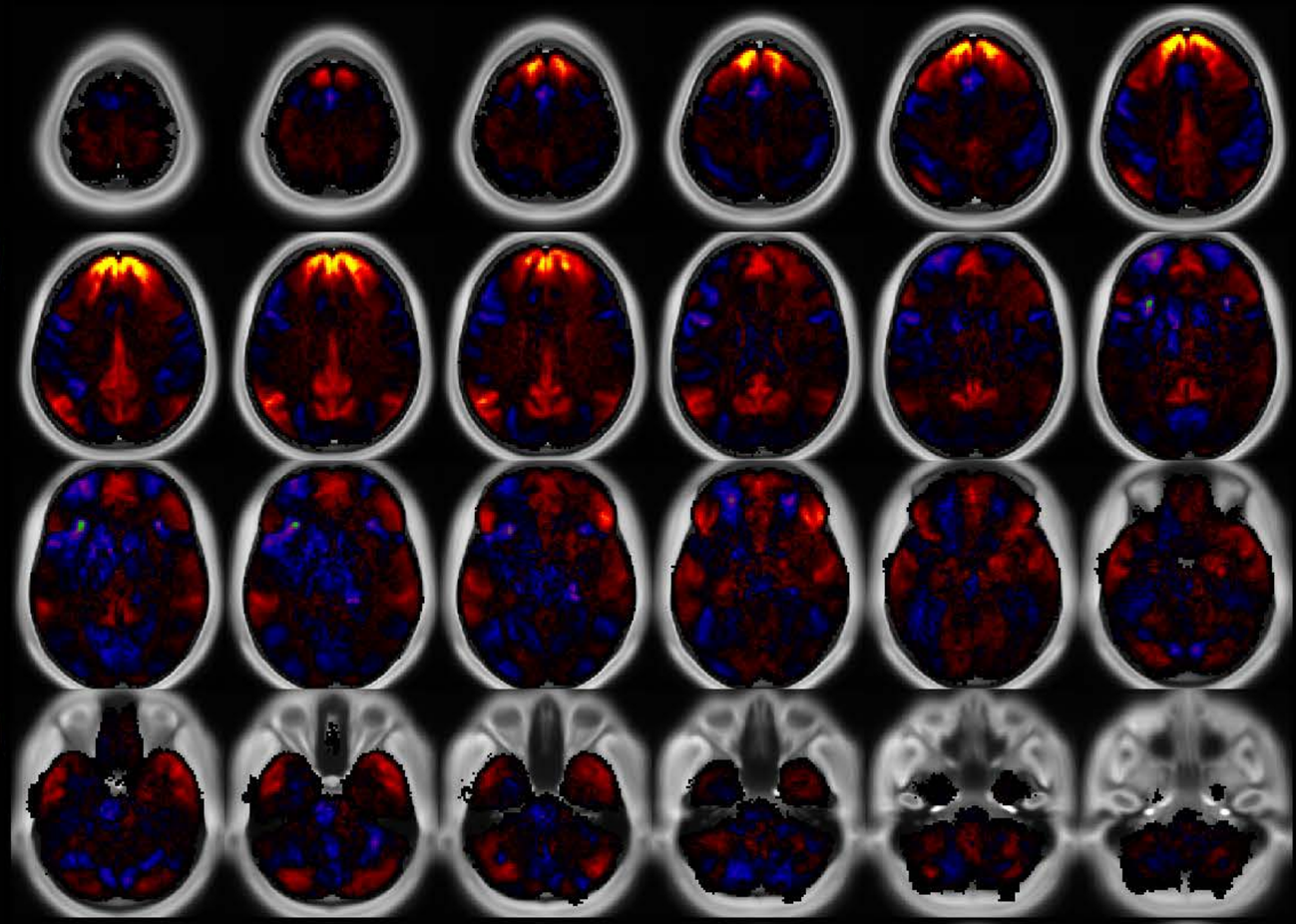


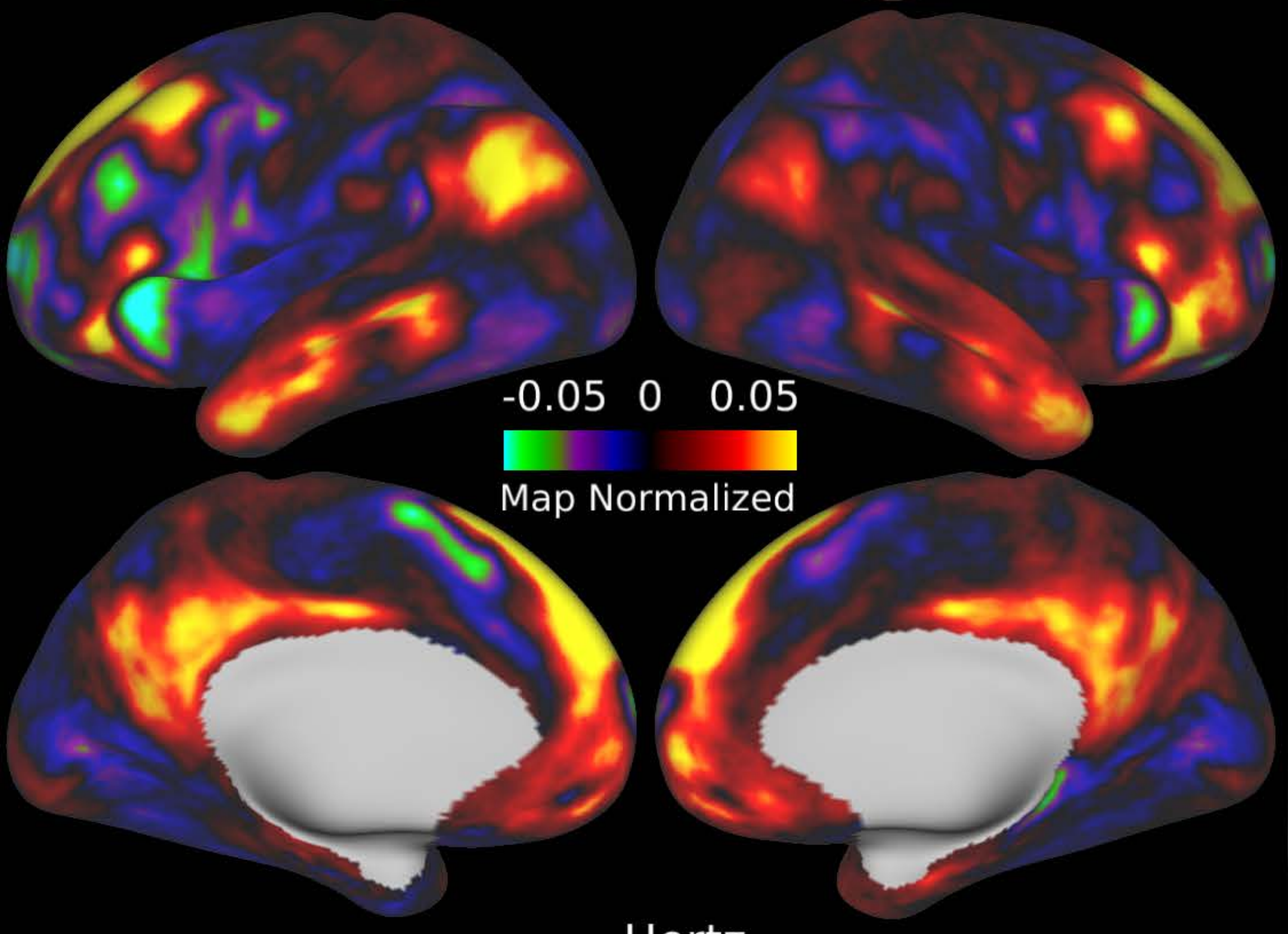


Number & Class: 60 Noise	Name: Coil or Movement	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.66	Globality Index: 0.78
Rest Component: No	Taskr Component: 46	Task Modulated: No

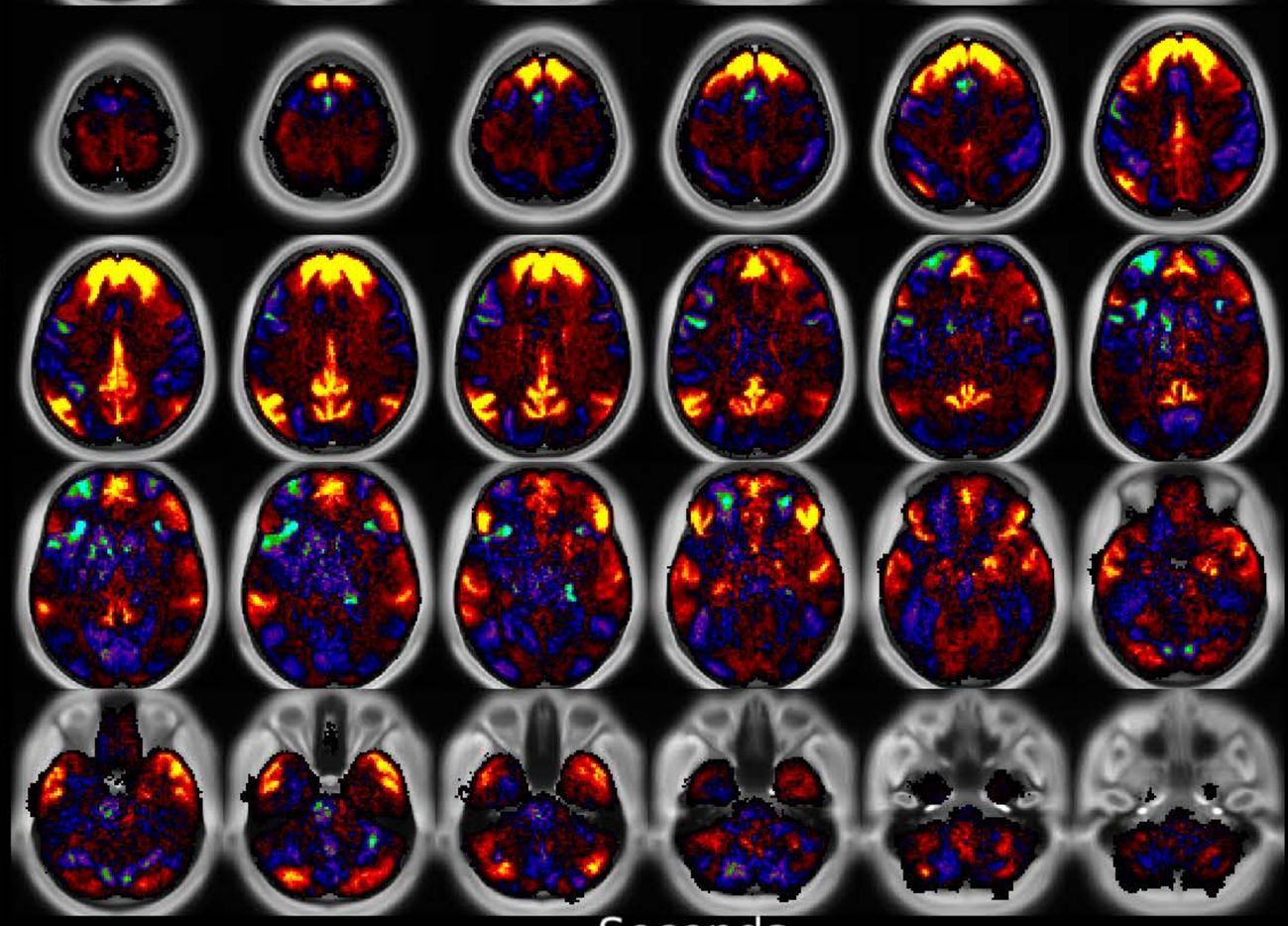
Rationale: Substantial white matter signal; associated with DVARS dips; perhaps related to coil or motion



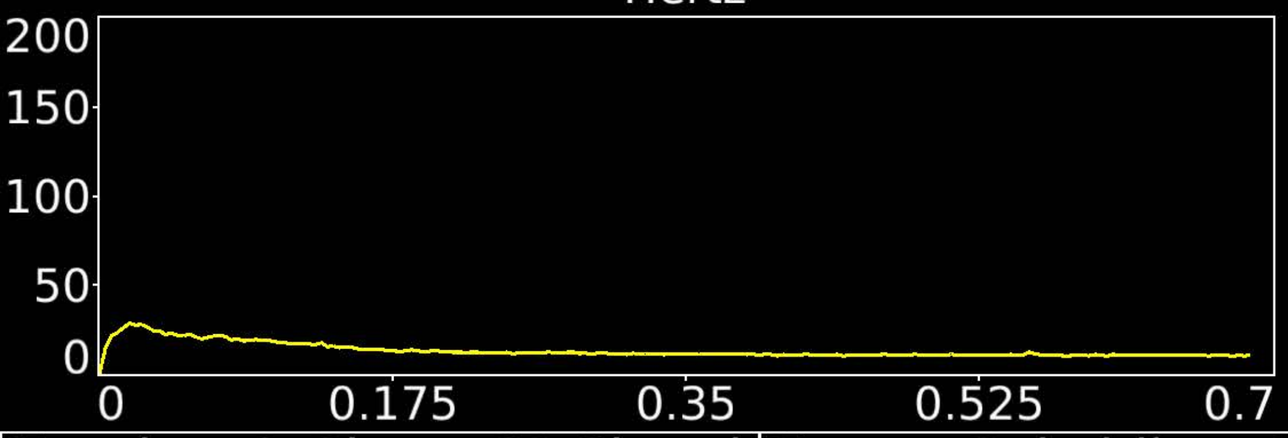


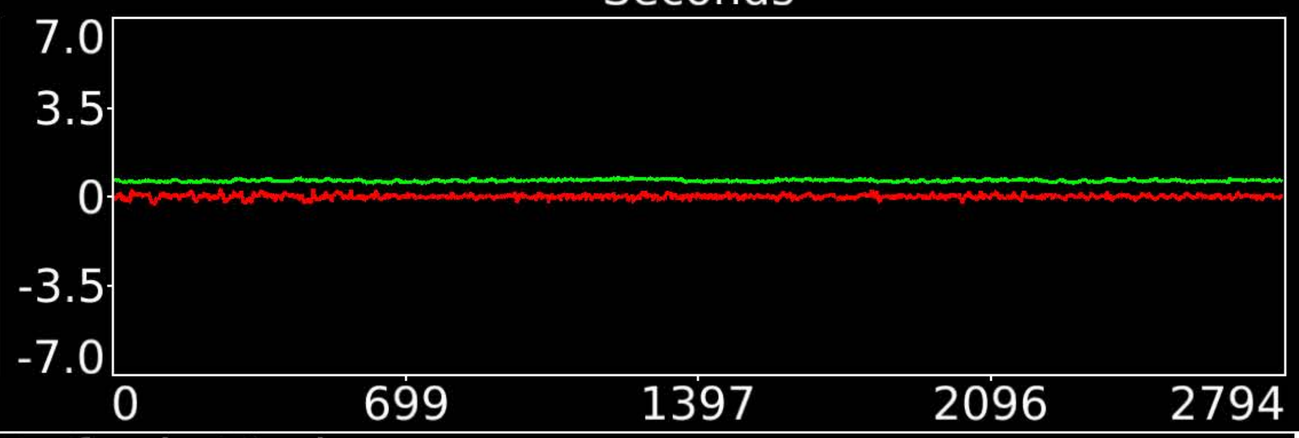


Hertz



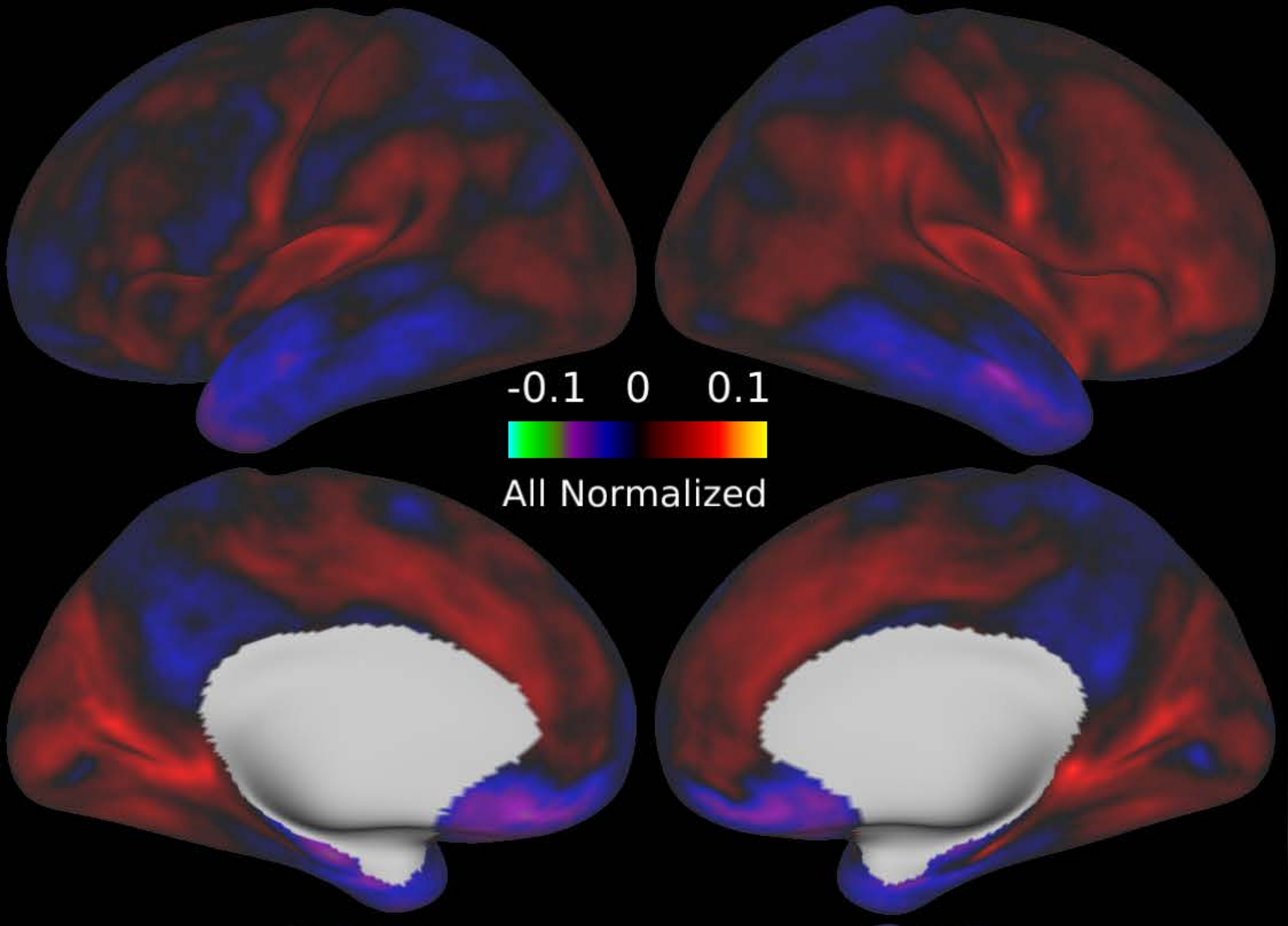
Seconds

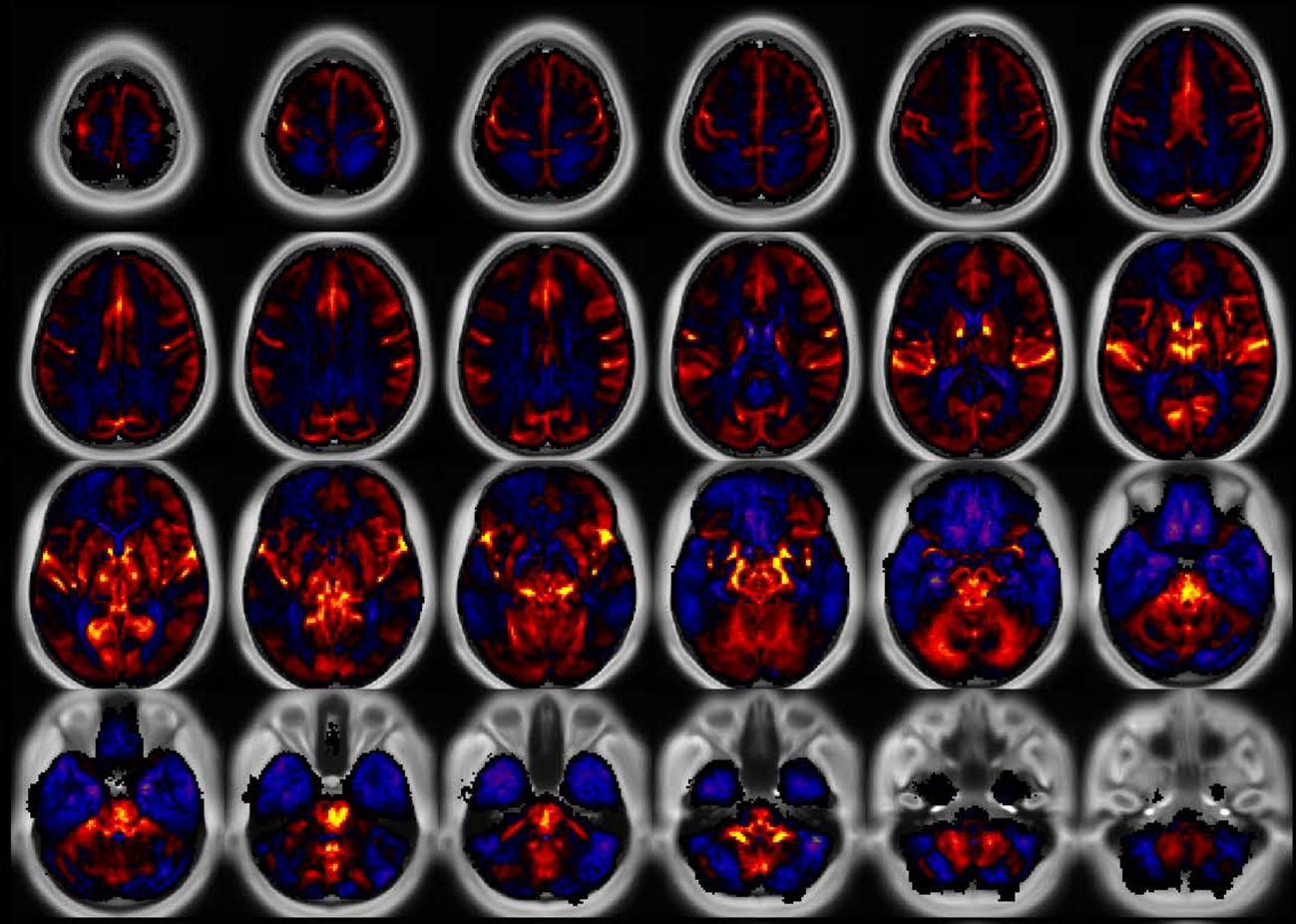


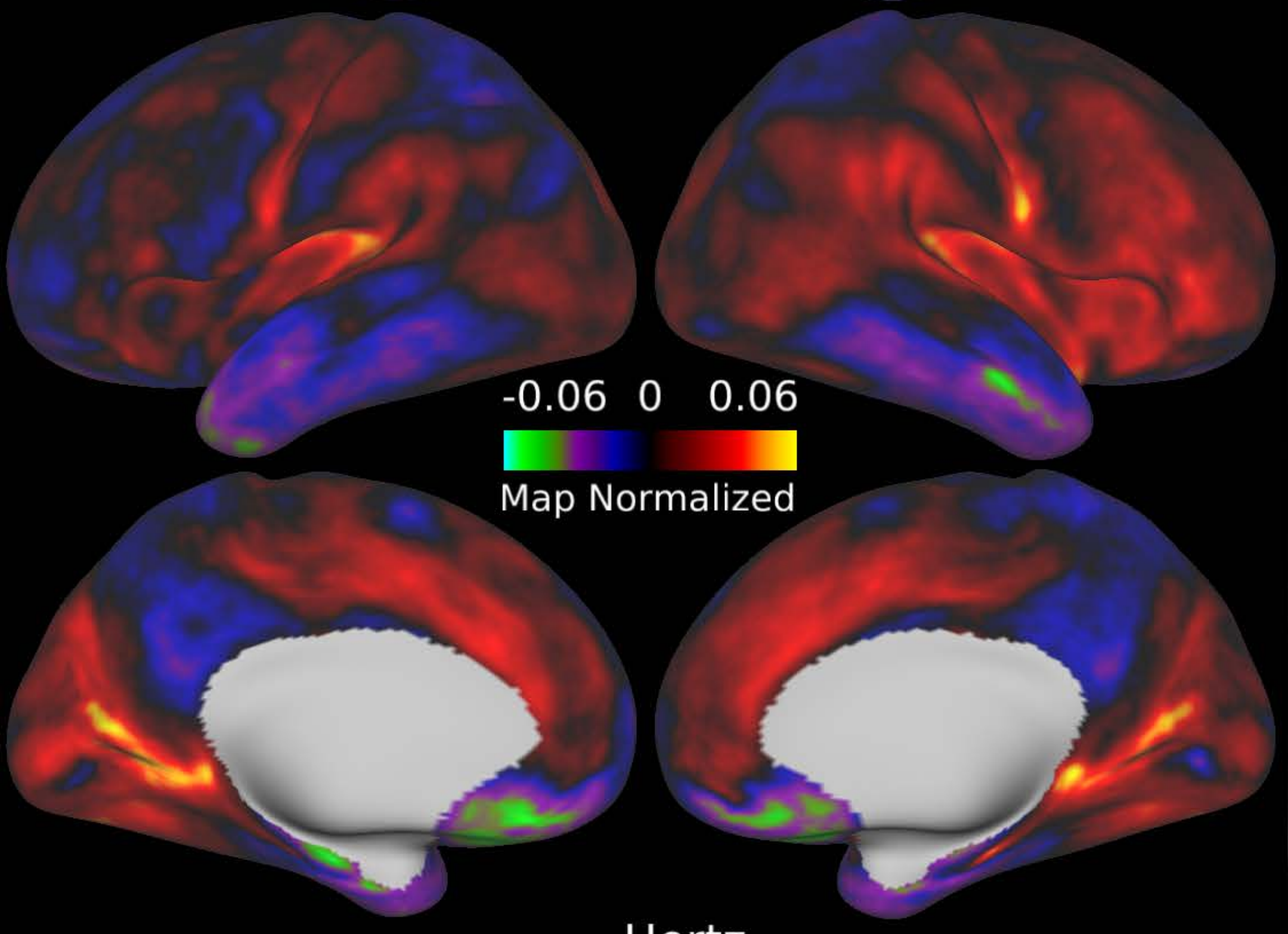


Number & Class: 61 Signal	Name: Subsidiary Default Mode	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.66	Globality Index: 0.29
Rest Component: No	Taskr Component: No	Task Modulated: No

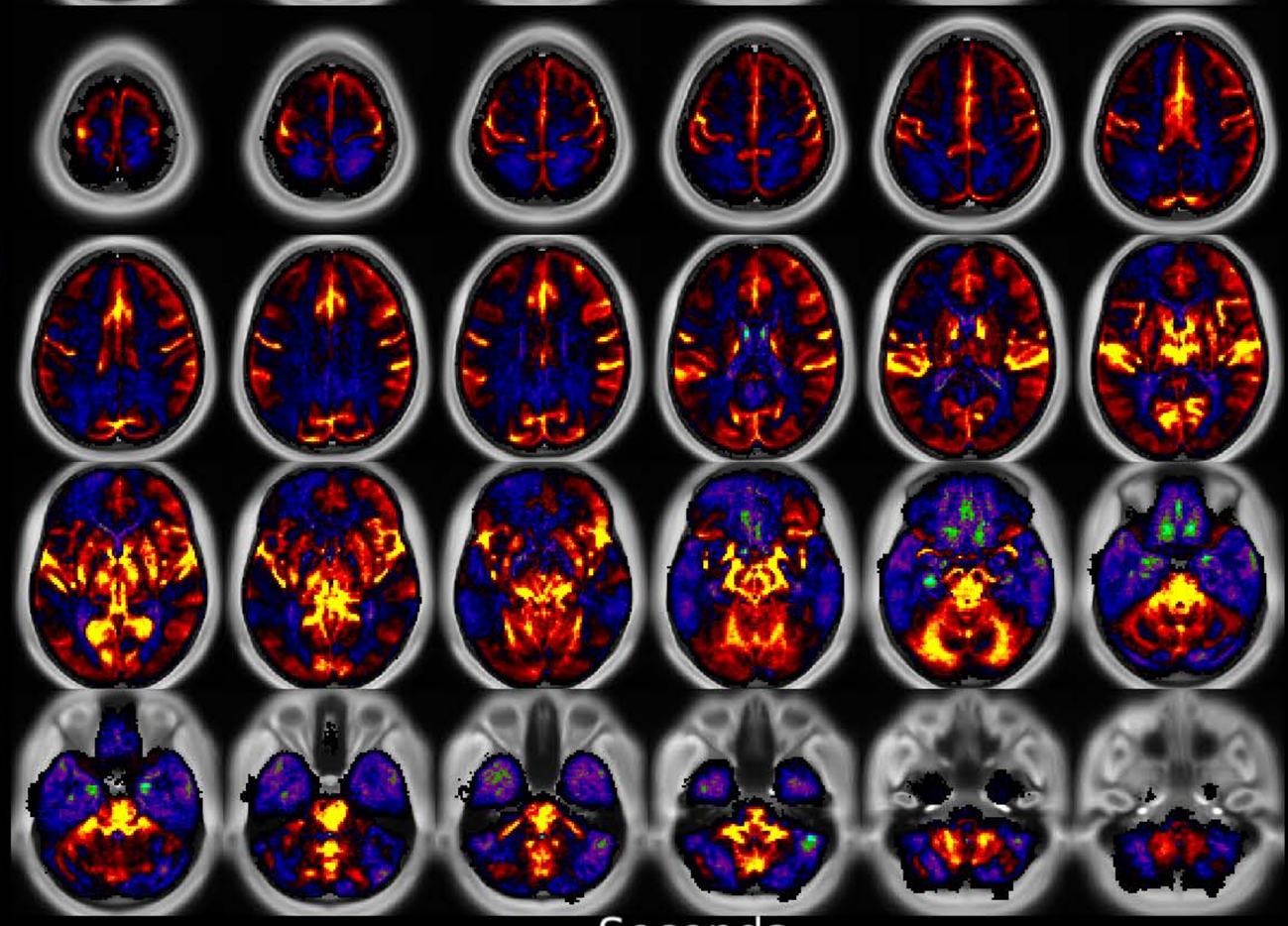
Rationale: Spatial map includes positive and negative patches that respect known RSNs (e.g. Default Mode Network)



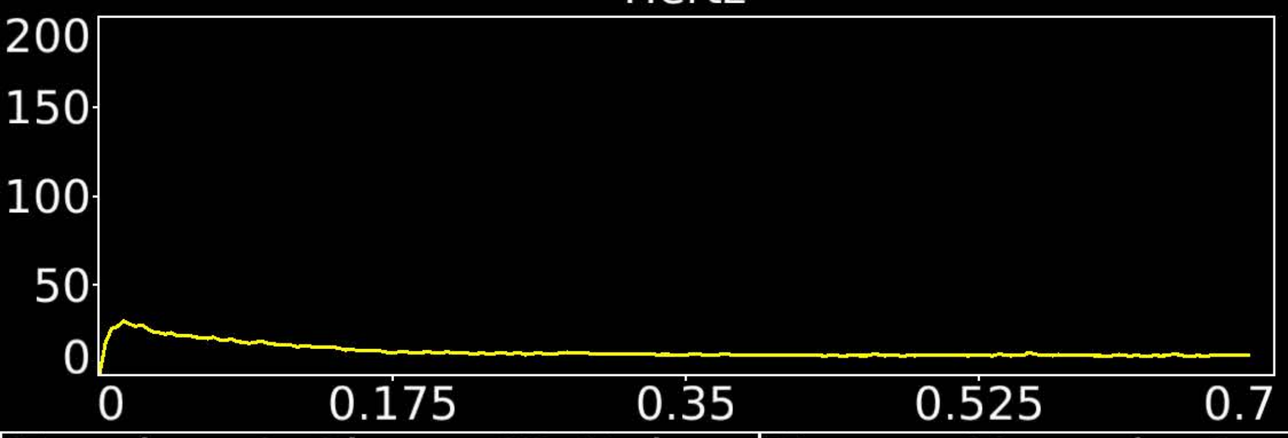


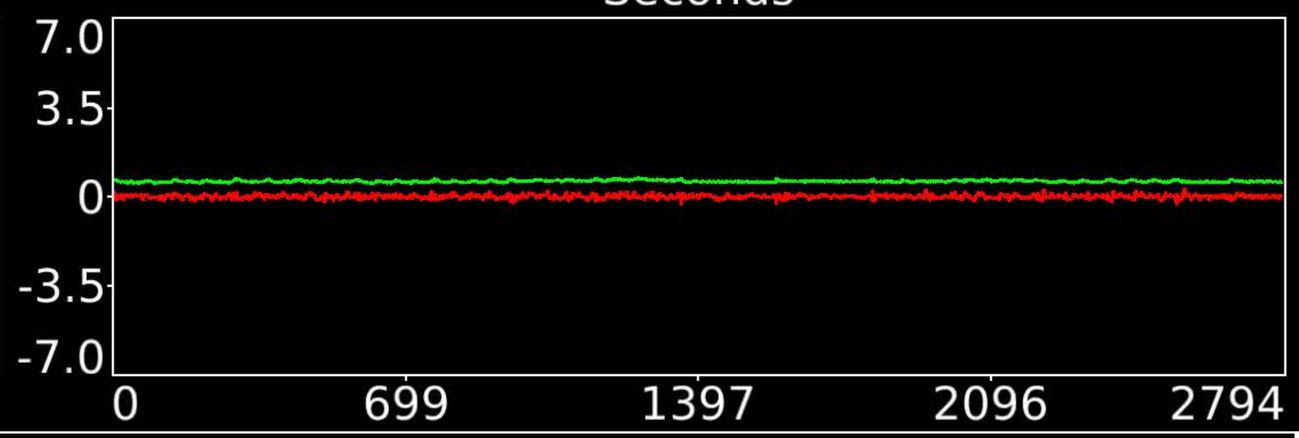


Hertz



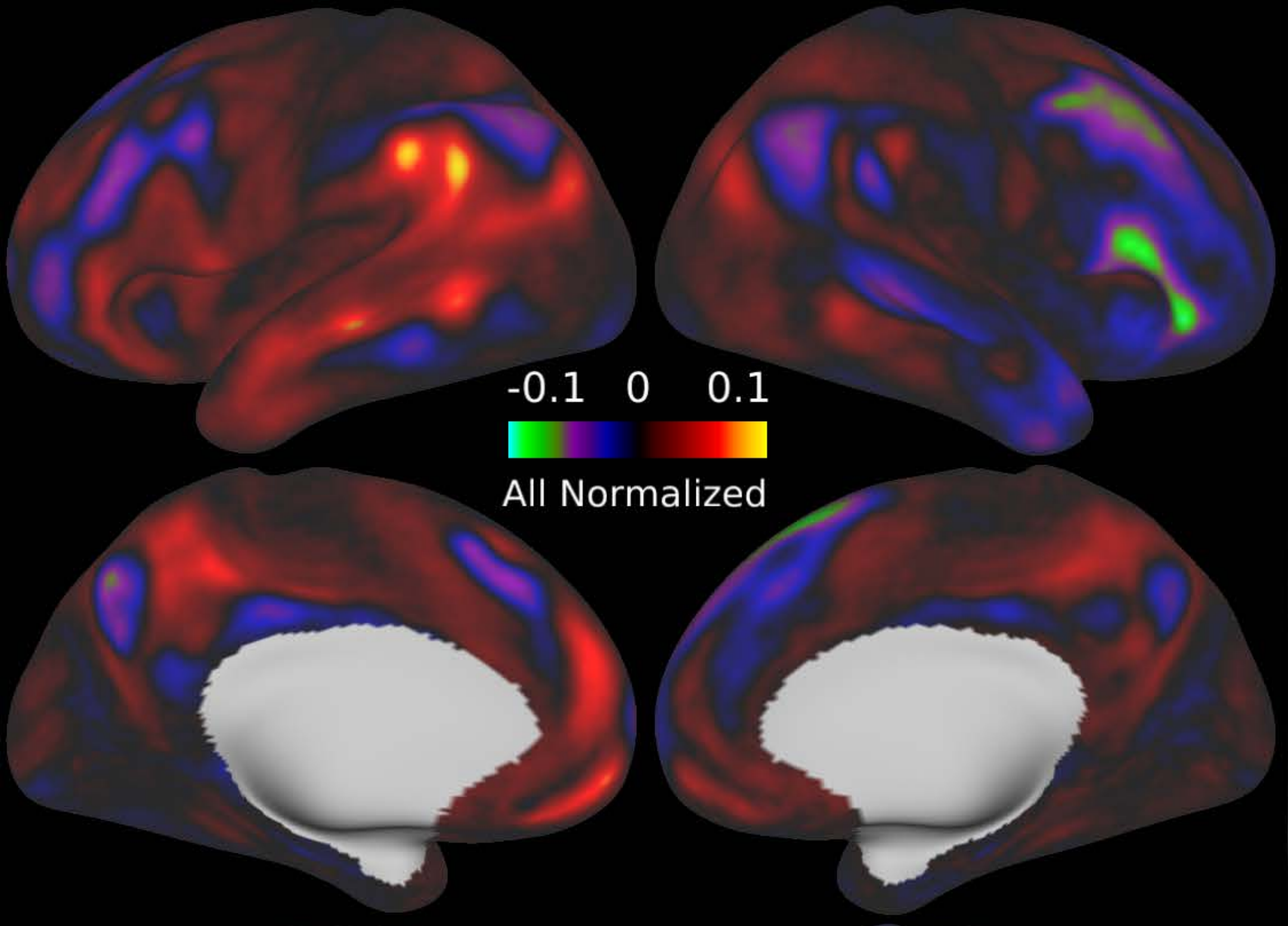
Seconds

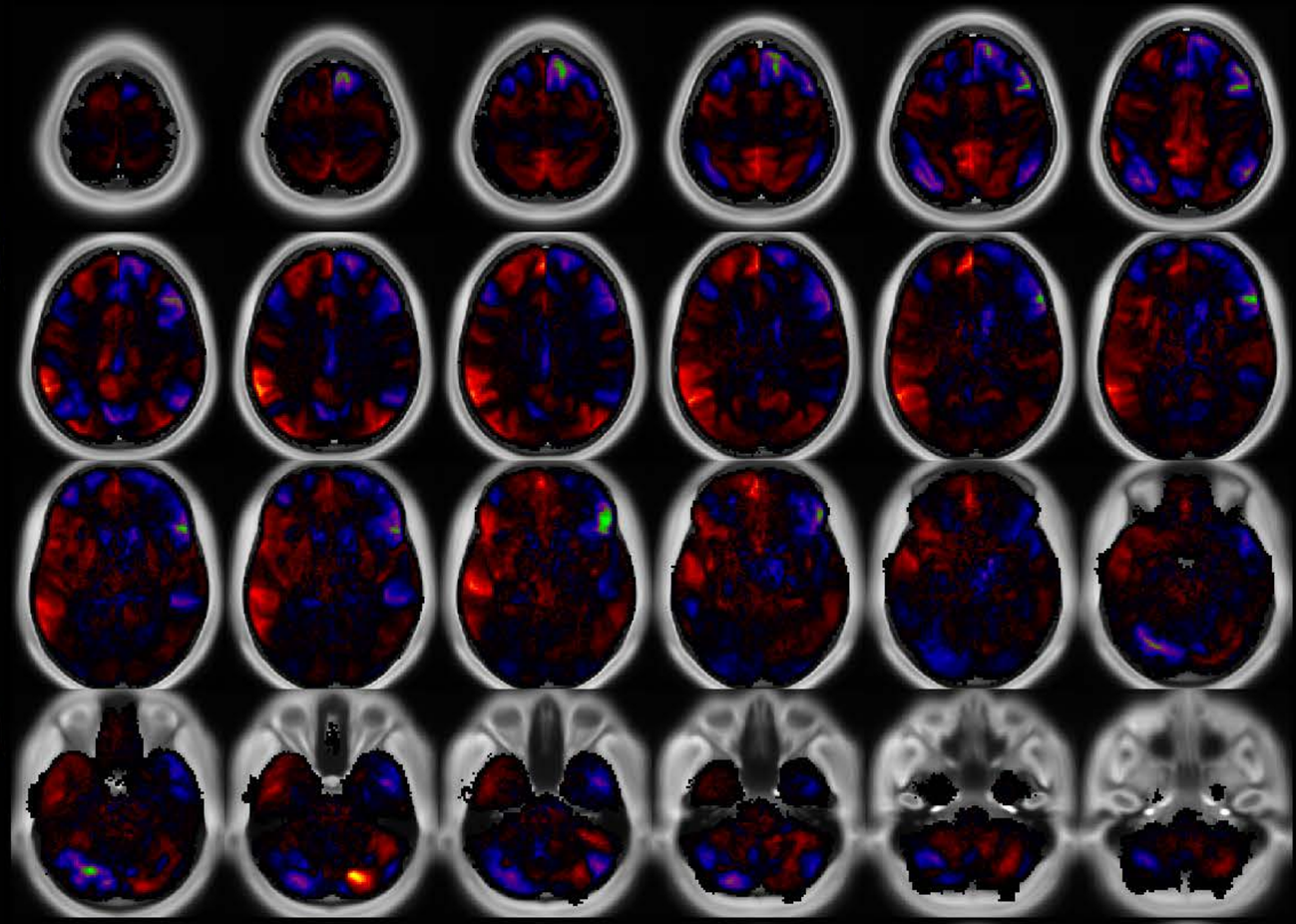


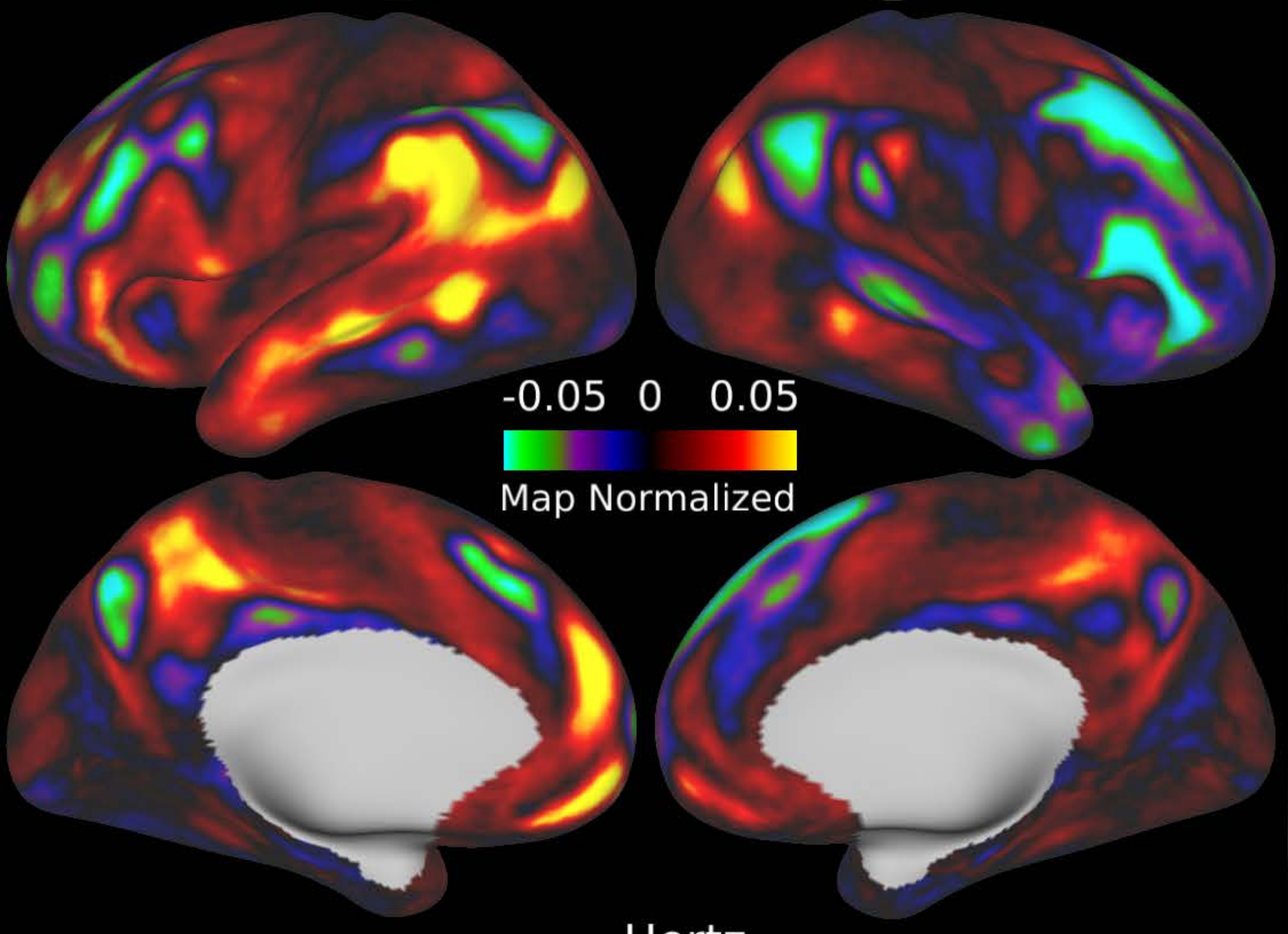


Number & Class: 62 Noise	Name: Vascular?	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.55	Globality Index: 0.74
Rest Component: No	Taskr Component: No	Task Modulated: No

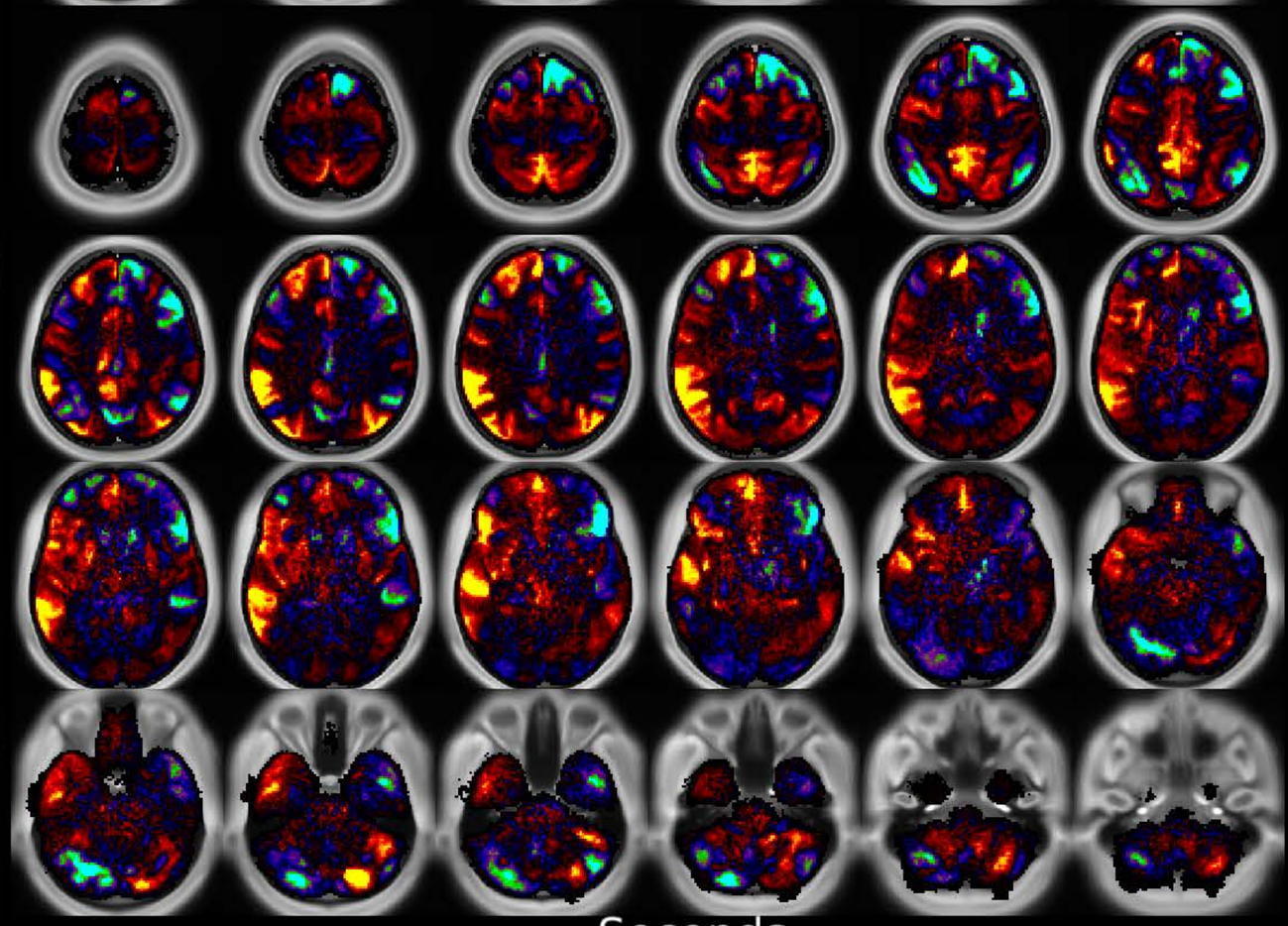
Rationale: Component more prominent in volume than on surface in cortical regions suggestive of vascular artifact; also DVARS dips associated



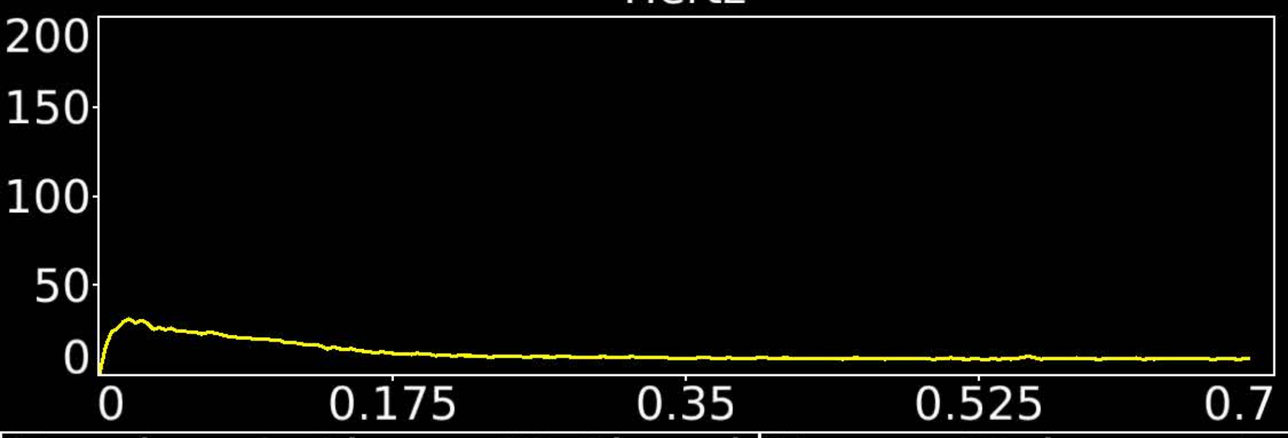


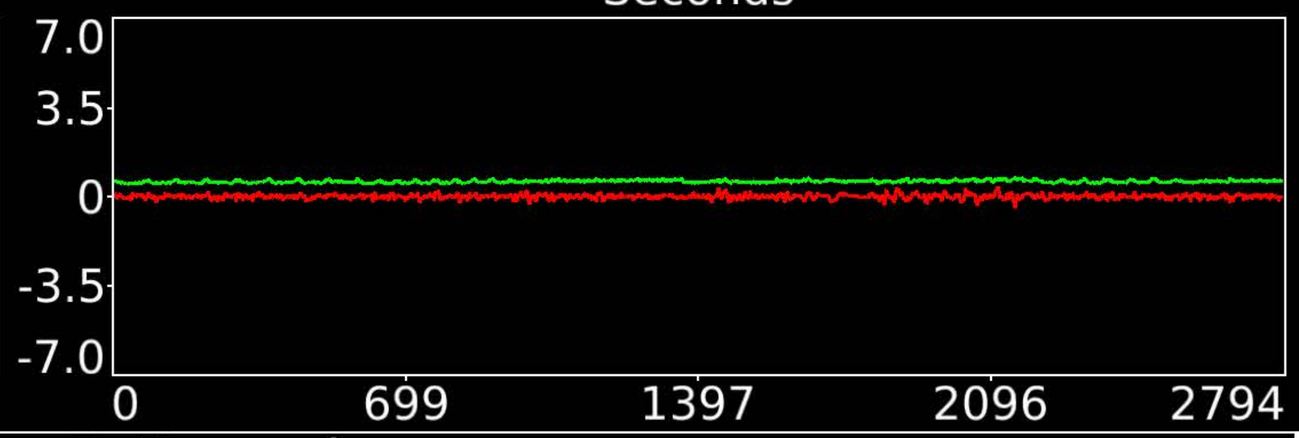


Hertz



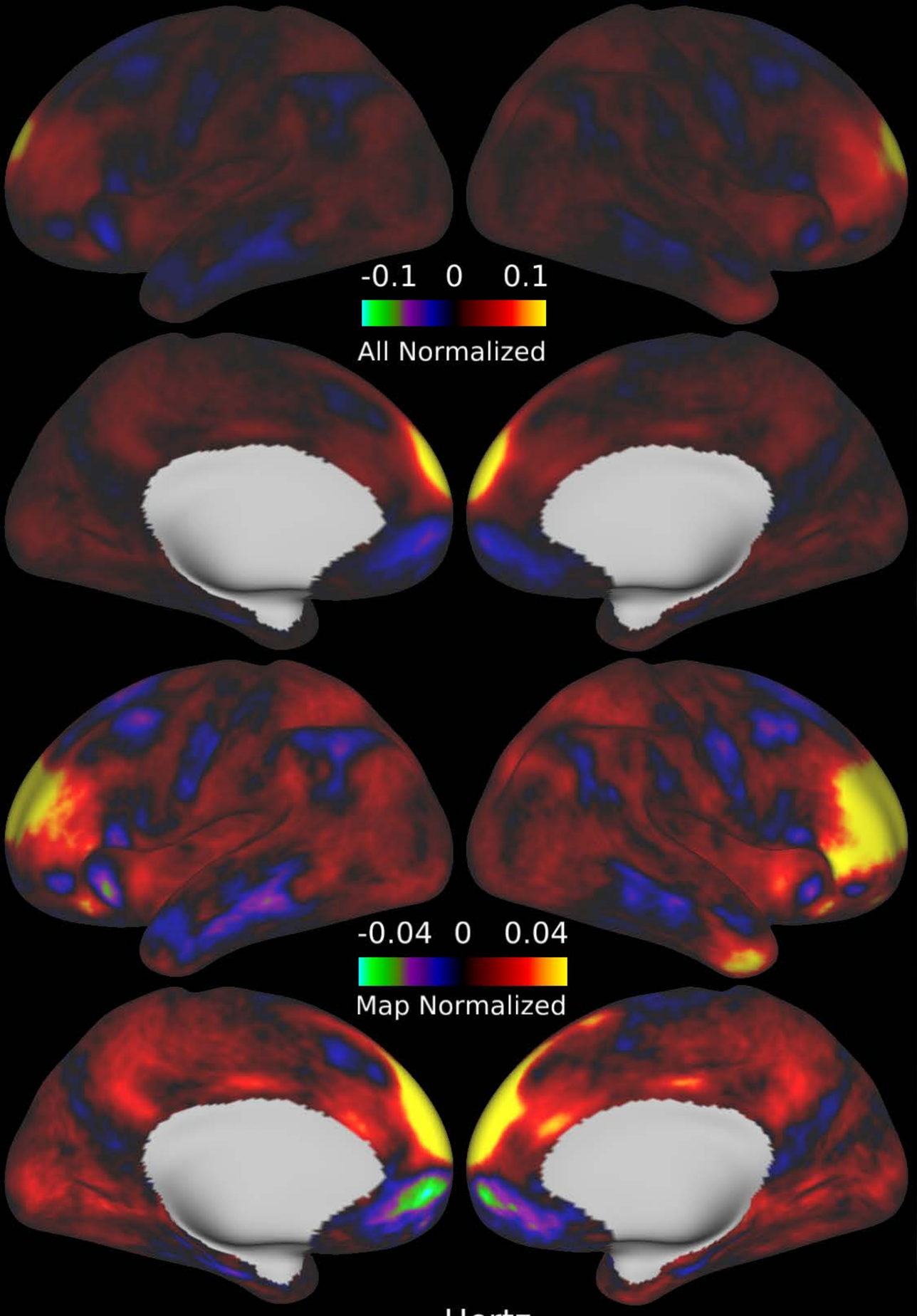
Seconds

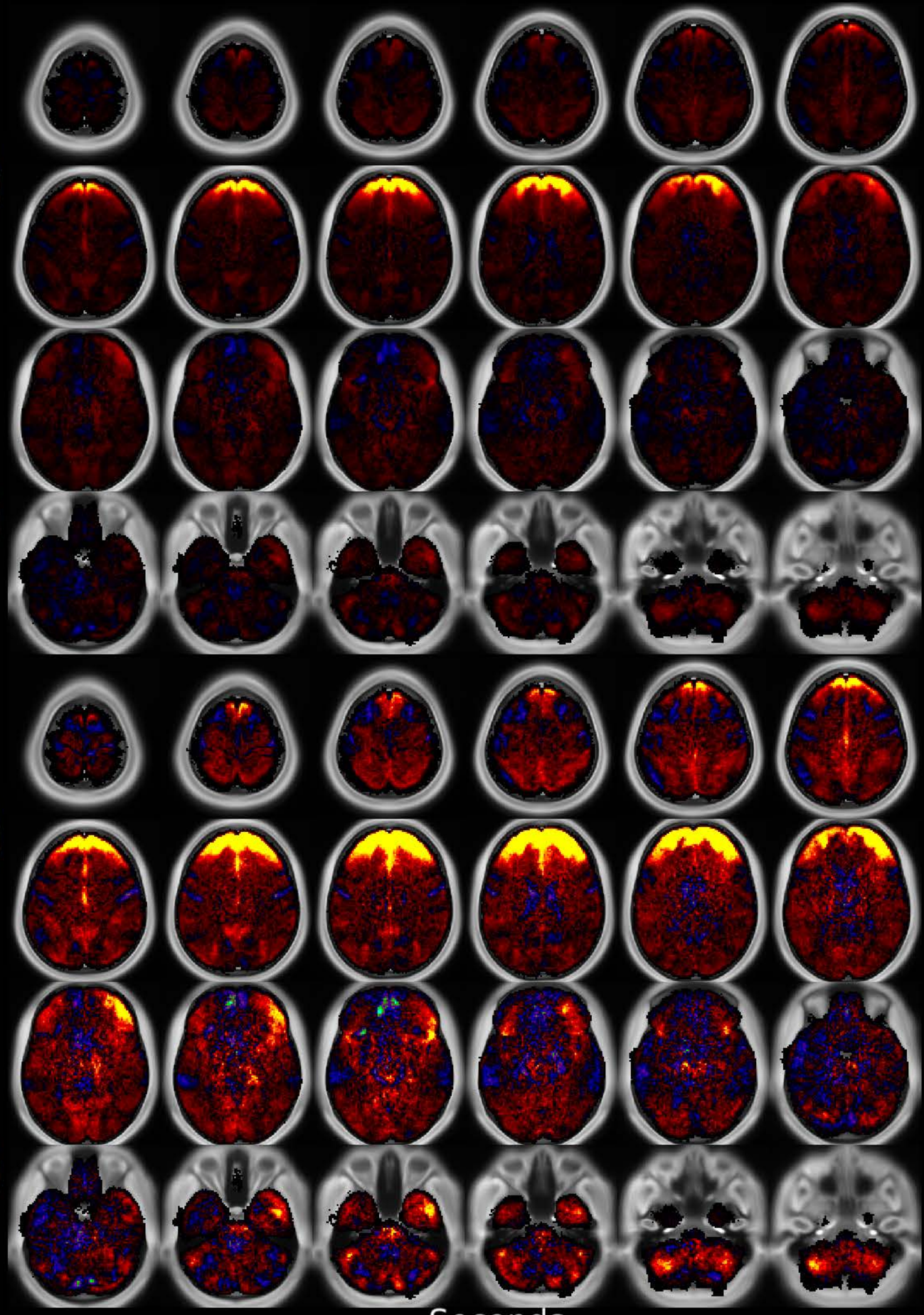


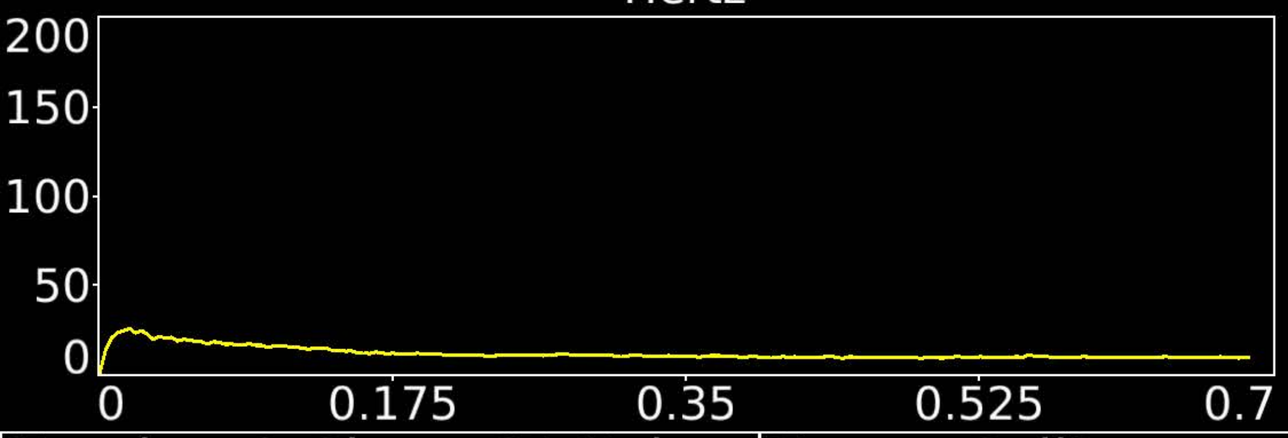


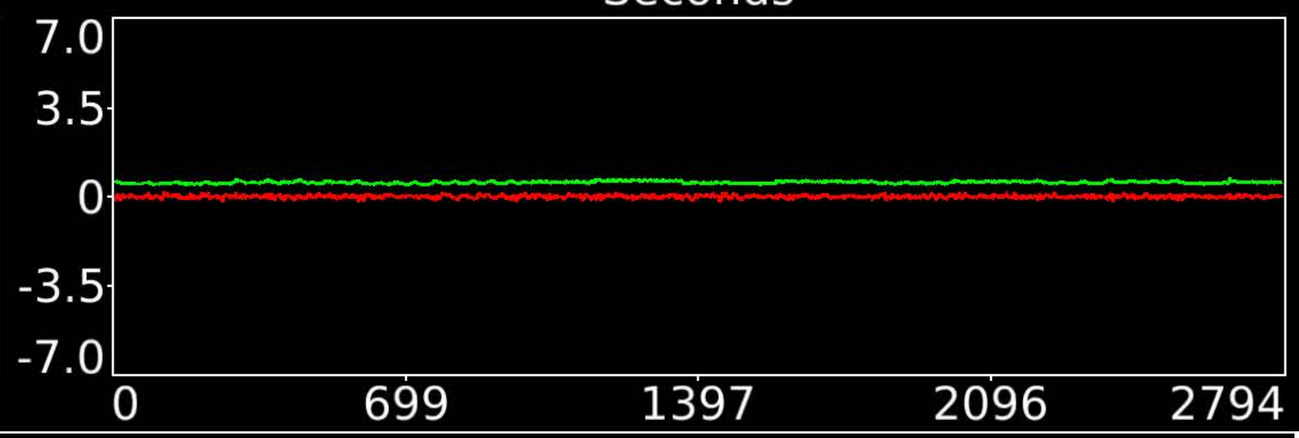
Number & Class: 63 Signal	Name: Unknown L > R Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.59	Globality Index: 0.64
Rest Component: No	Taskr Component: No	Task Modulated: No

Rationale: Spatial map includes positive and negative patches that respect known areal boundaries (e.g. POS2; 44; 45)



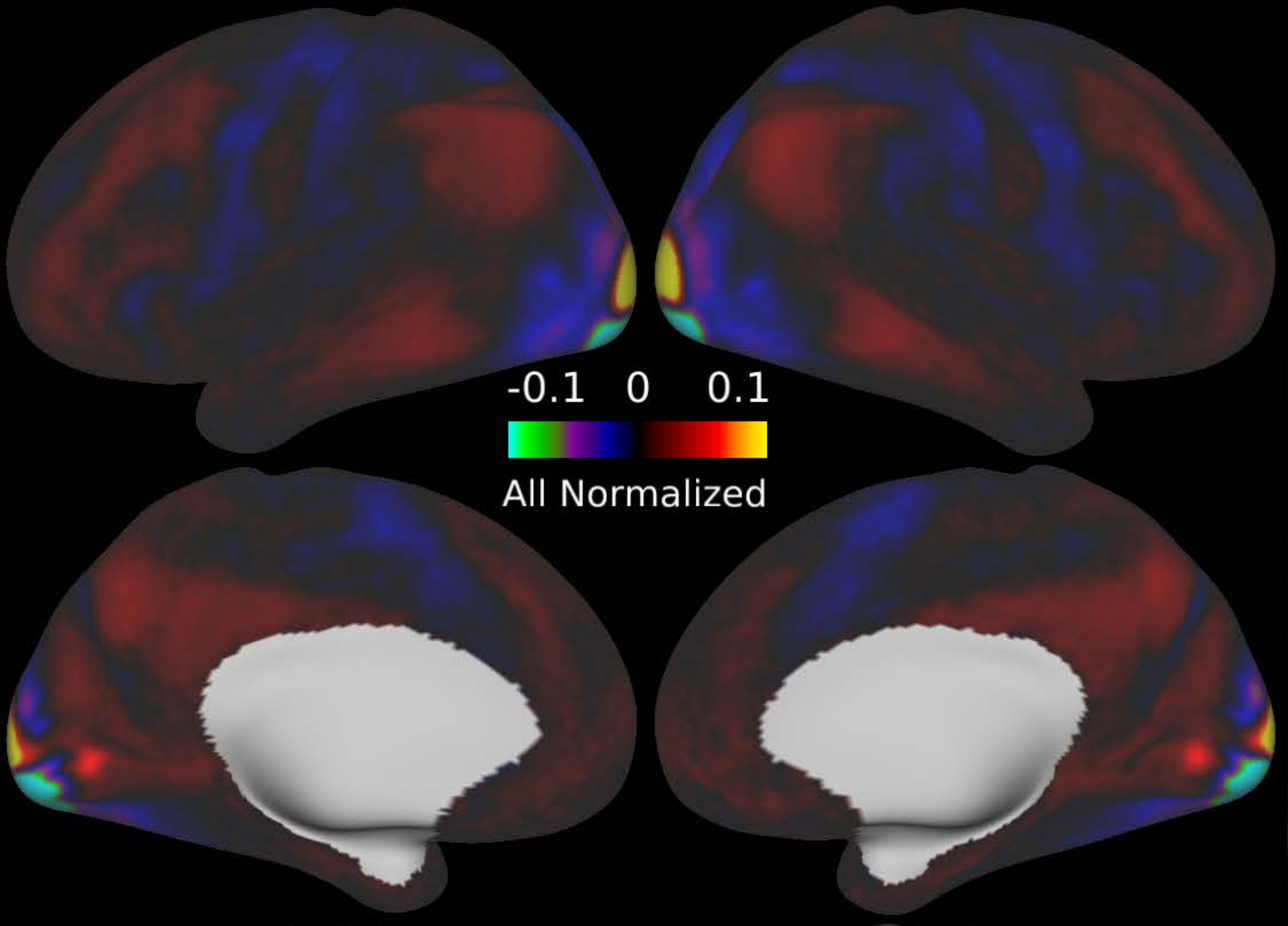


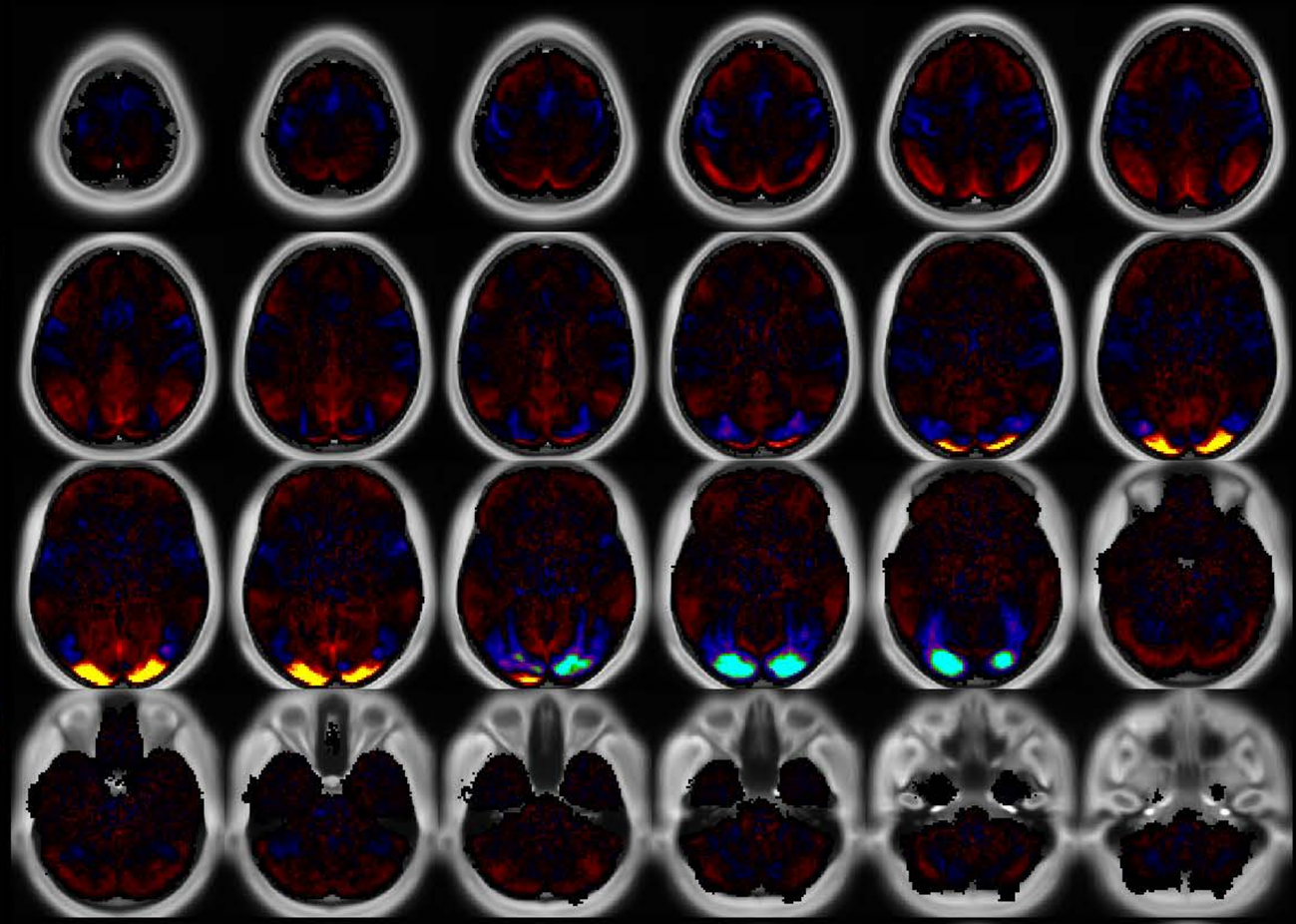


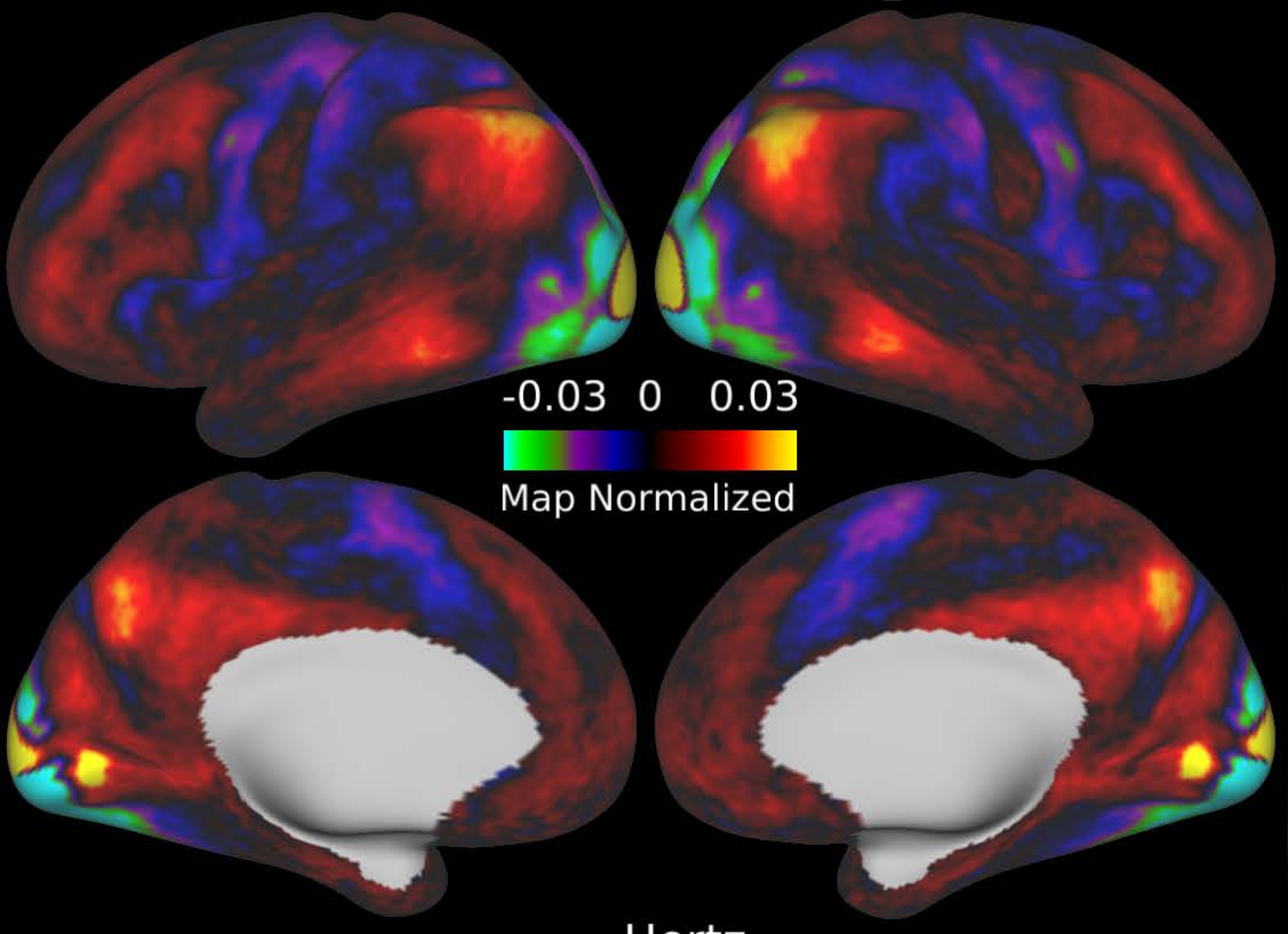


Number & Class: 64 Noise	Name: Coil?	
RVT Correlated: No	DVARS Dip Associated: Yes	Cross-Subject Variable: Yes
Single Subject: Yes	% Variance Explained: 0.54	Globality Index: 1.82
Rest Component: 70	Taskr Component: 55	Task Modulated: No

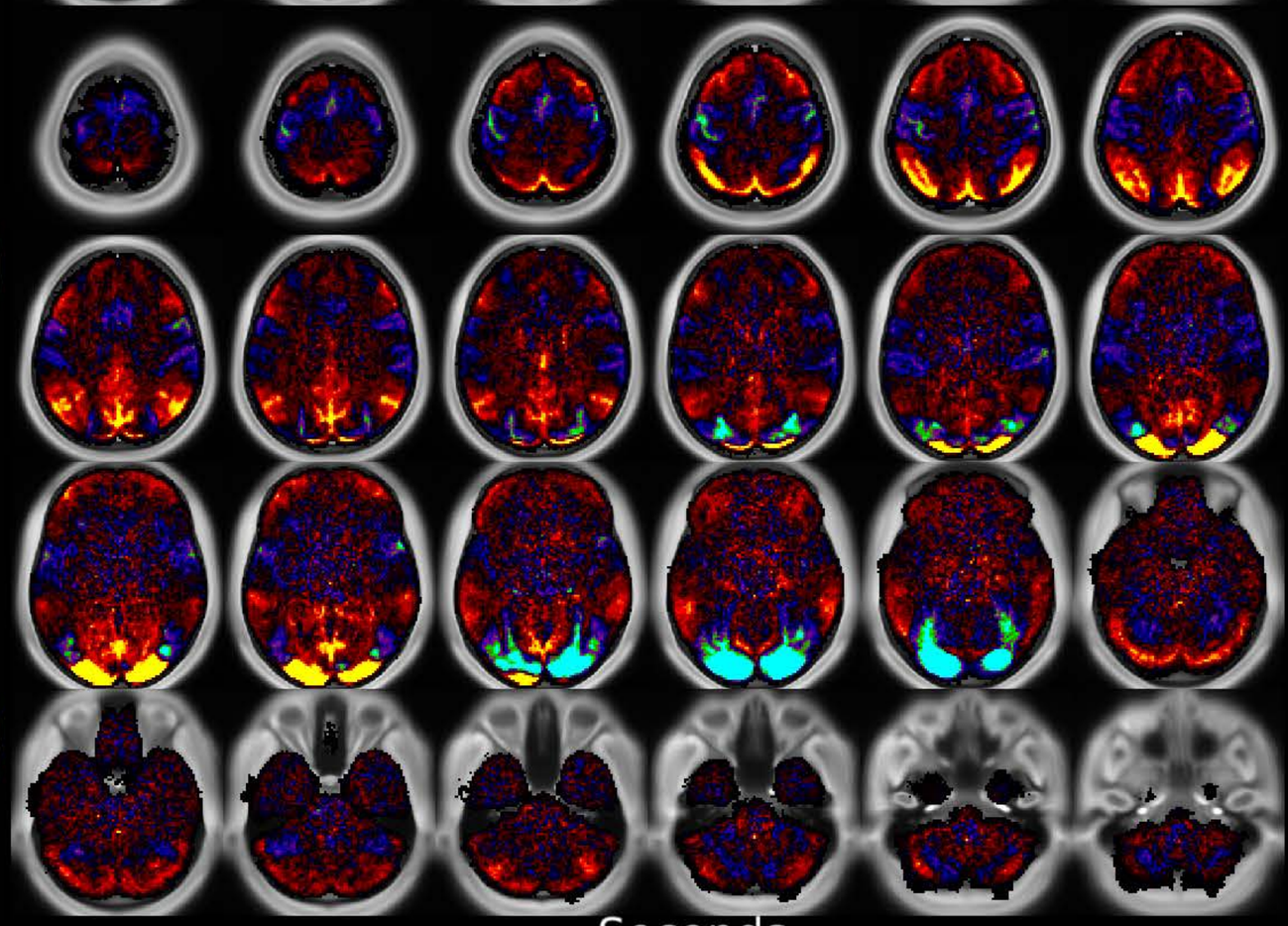
Rationale: Spatial map is a band across frontal cortex and white matter; could be related to coil; head motion; or eye motion







Hertz



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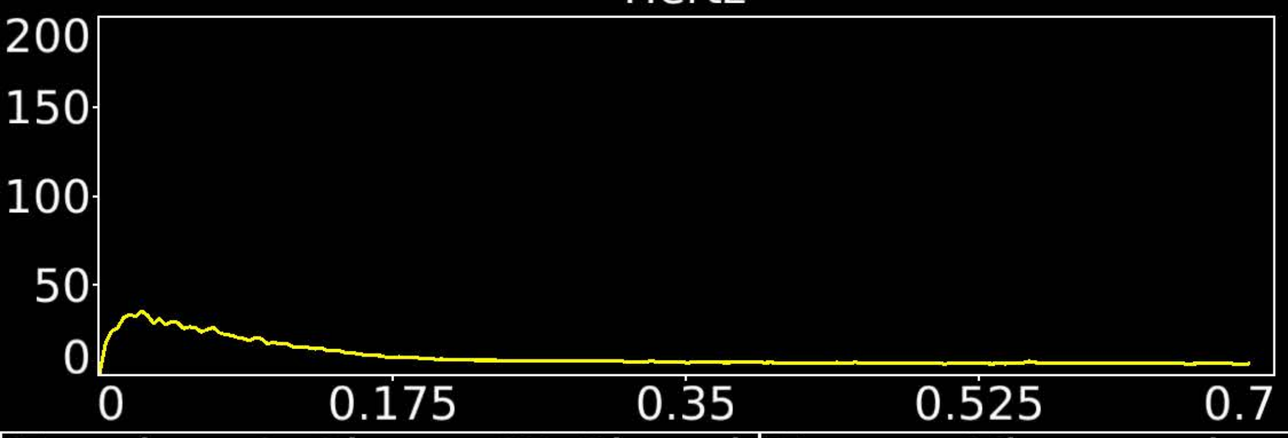
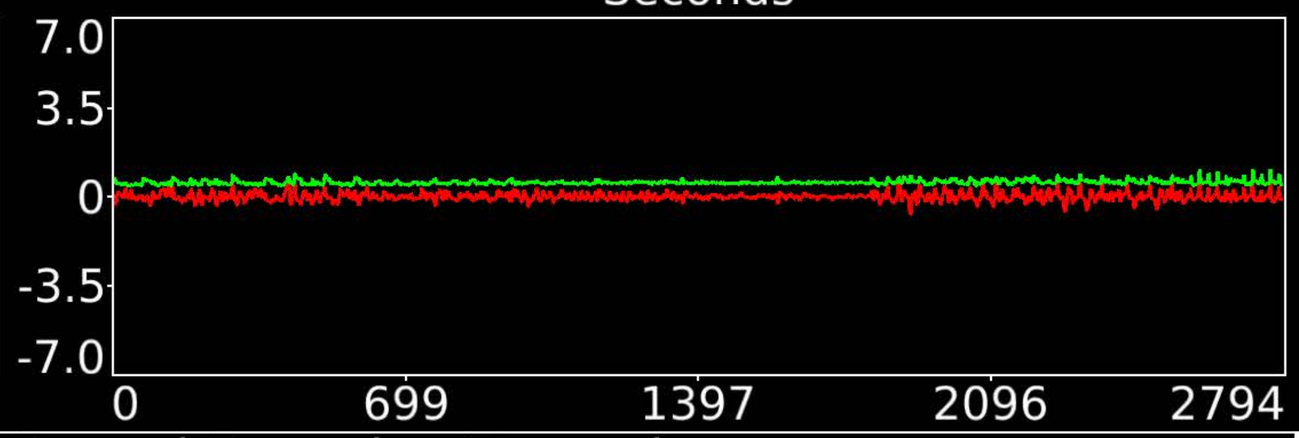
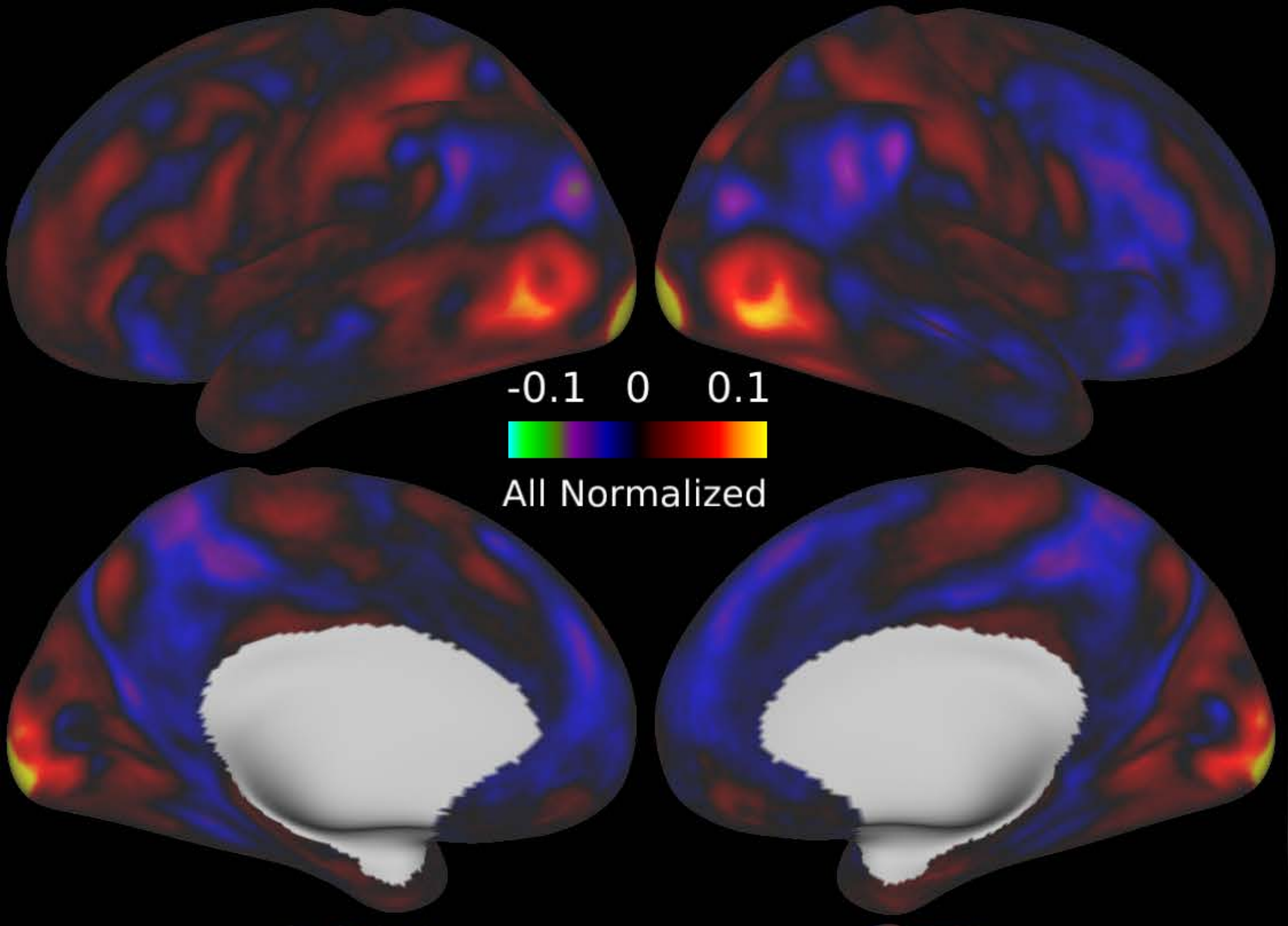
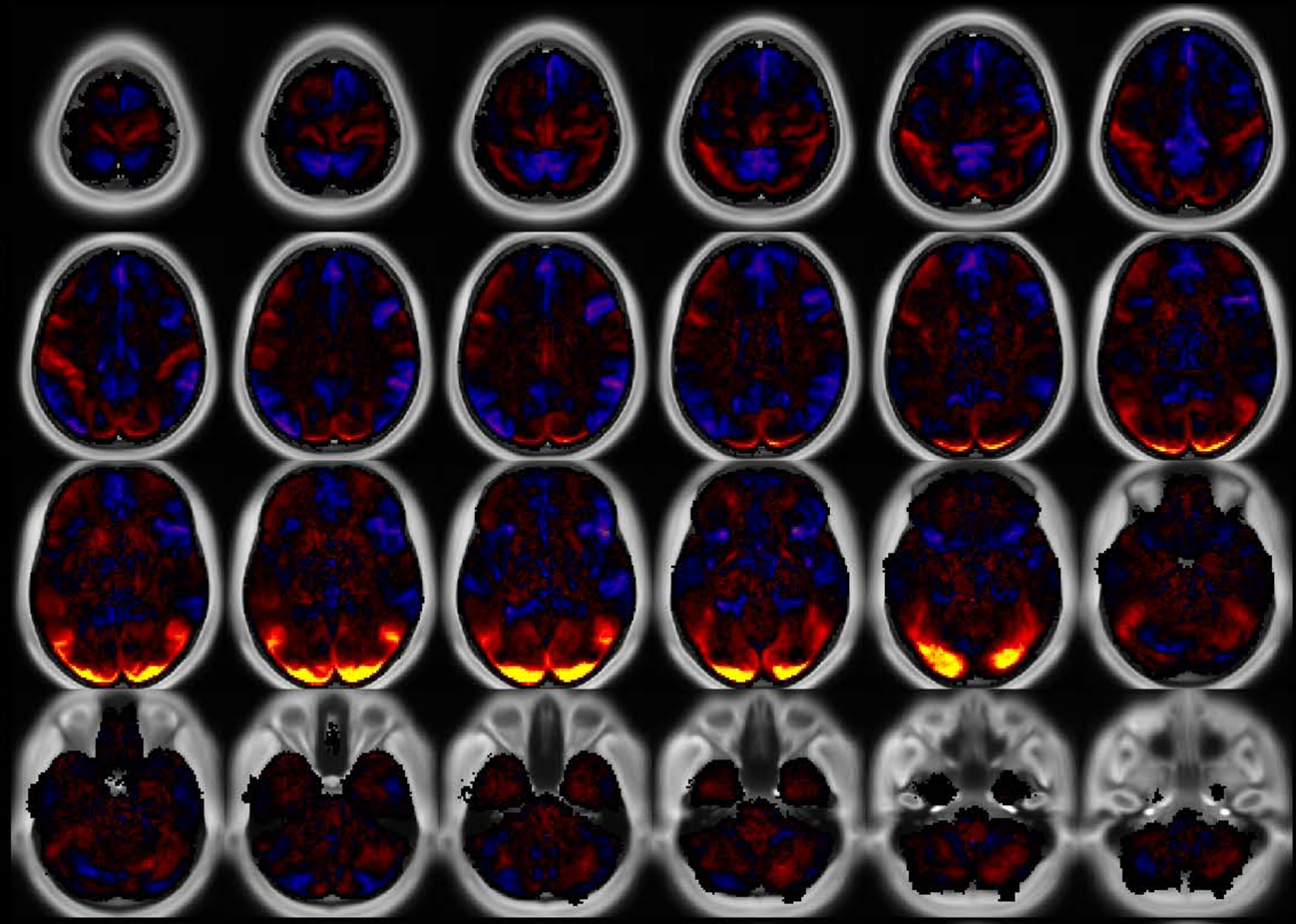


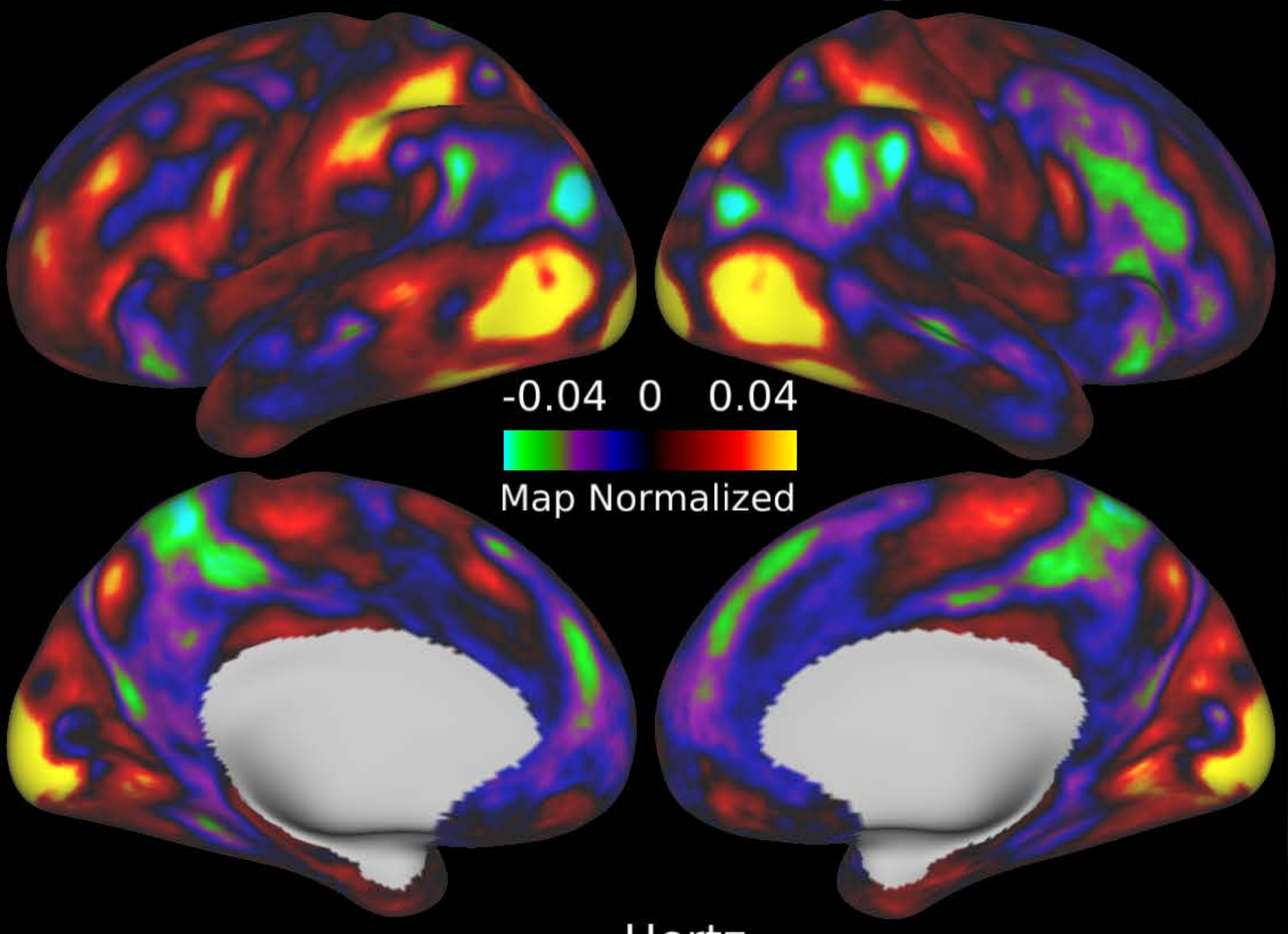


Number & Class: 65 Signal	Name: Visuotopic: Foveal Dorsal > Ventral	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.54	Globality Index: 0.62
Rest Component: 76	Taskr Component: 53	Task Modulated: No

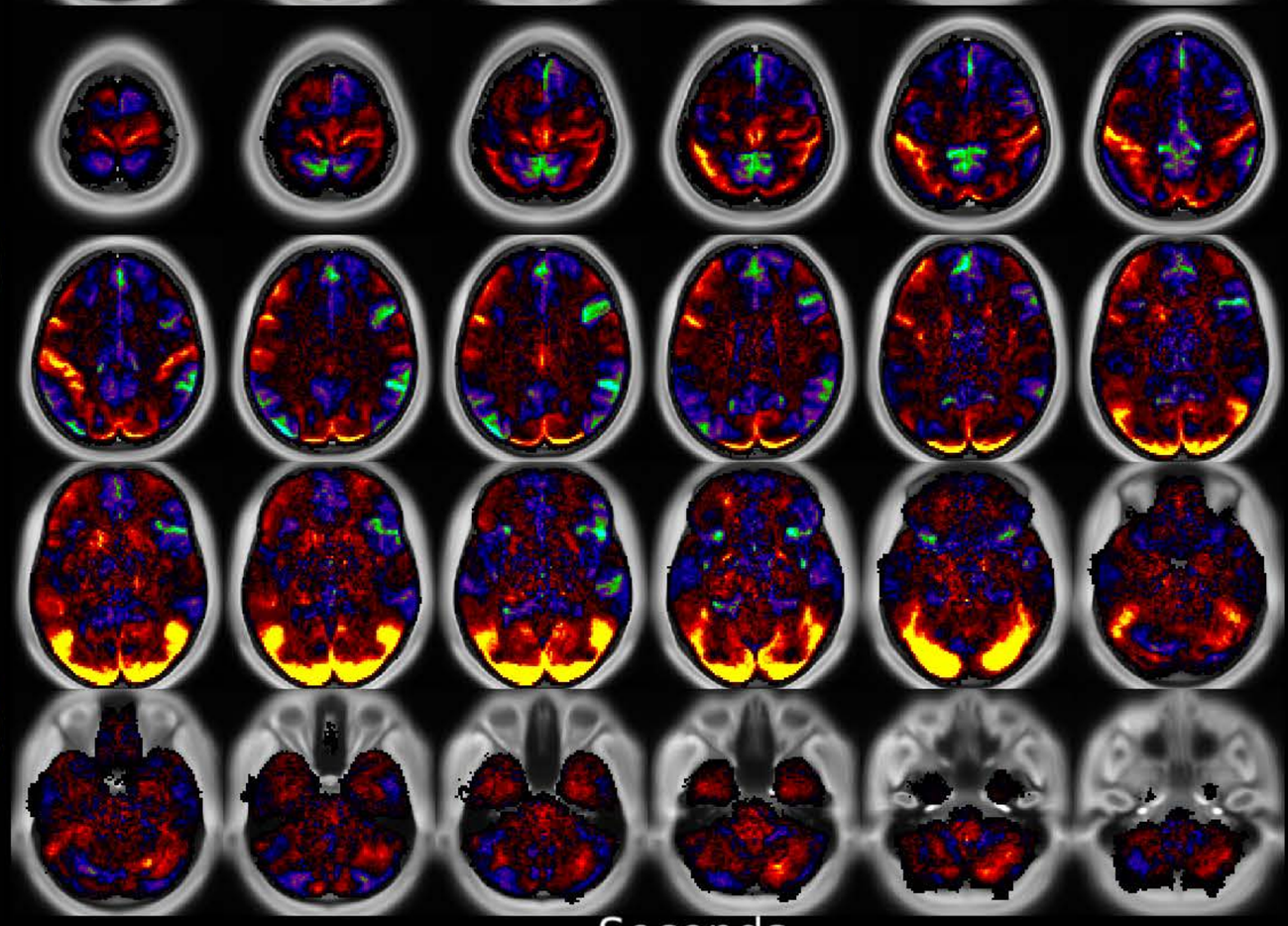
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Foveal and Lower vs Upper)



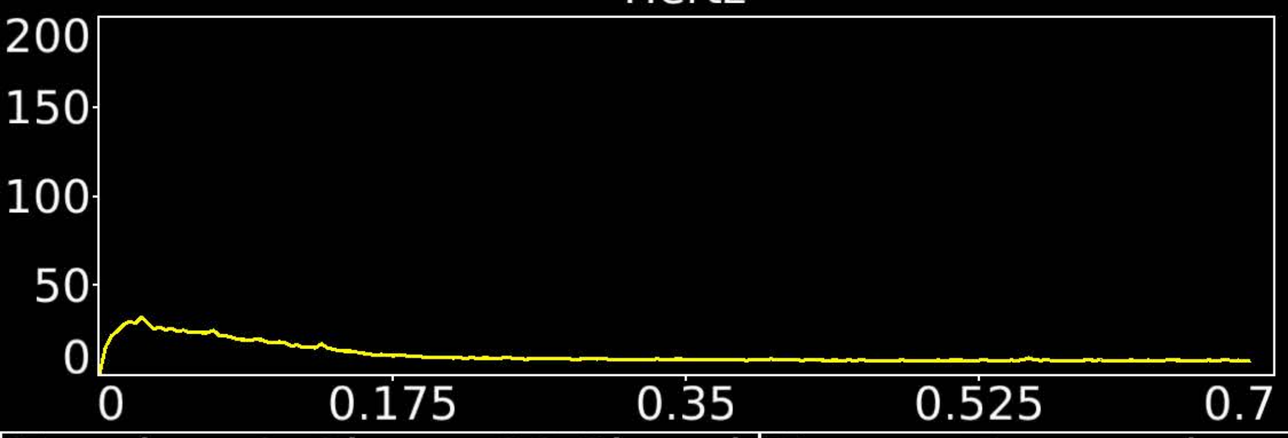


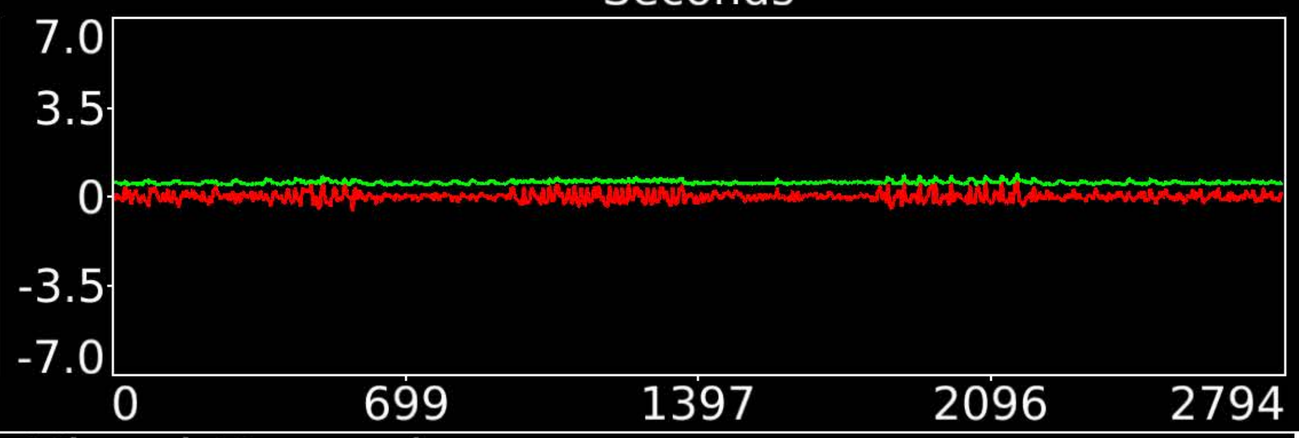


Hertz

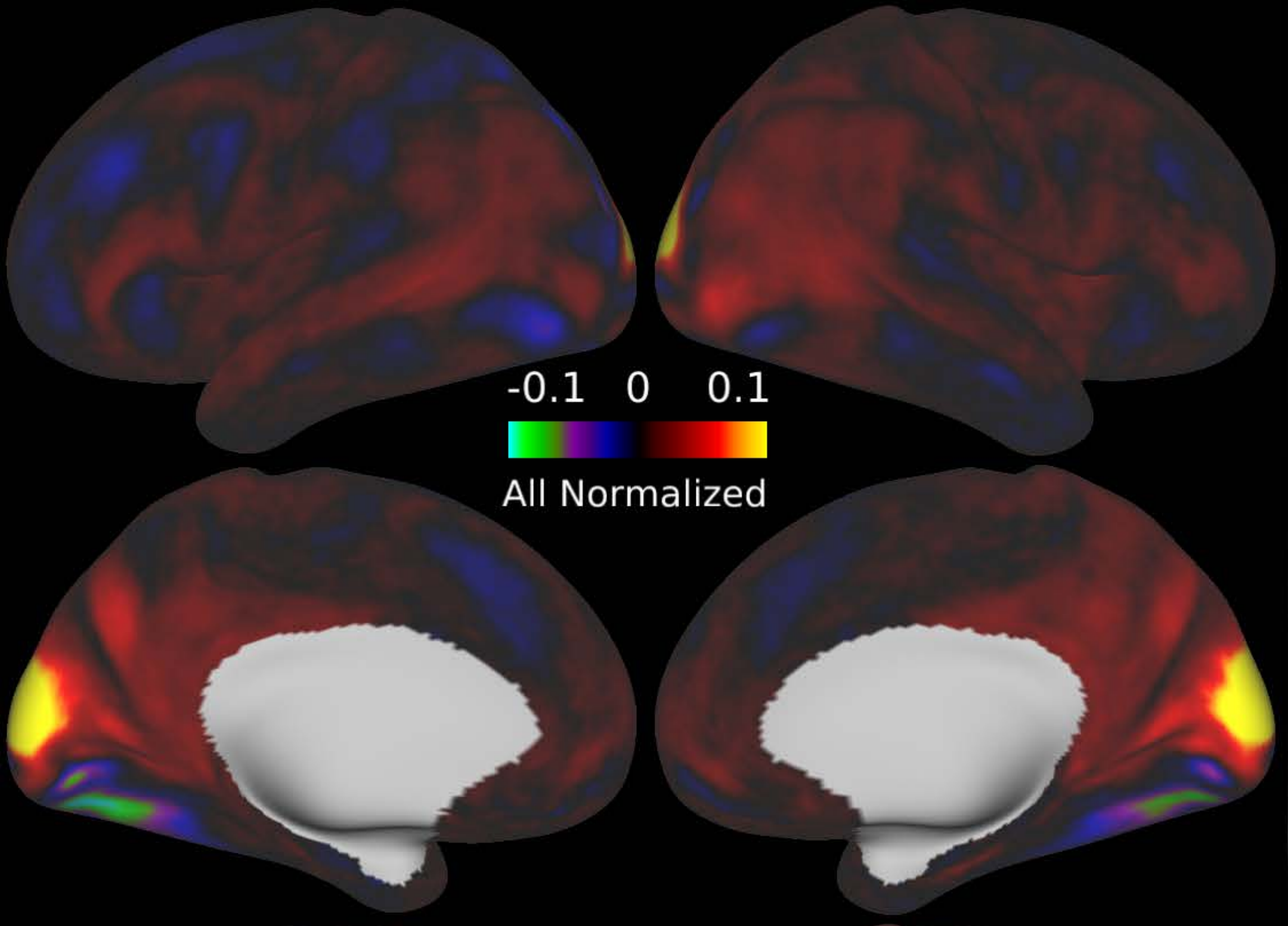


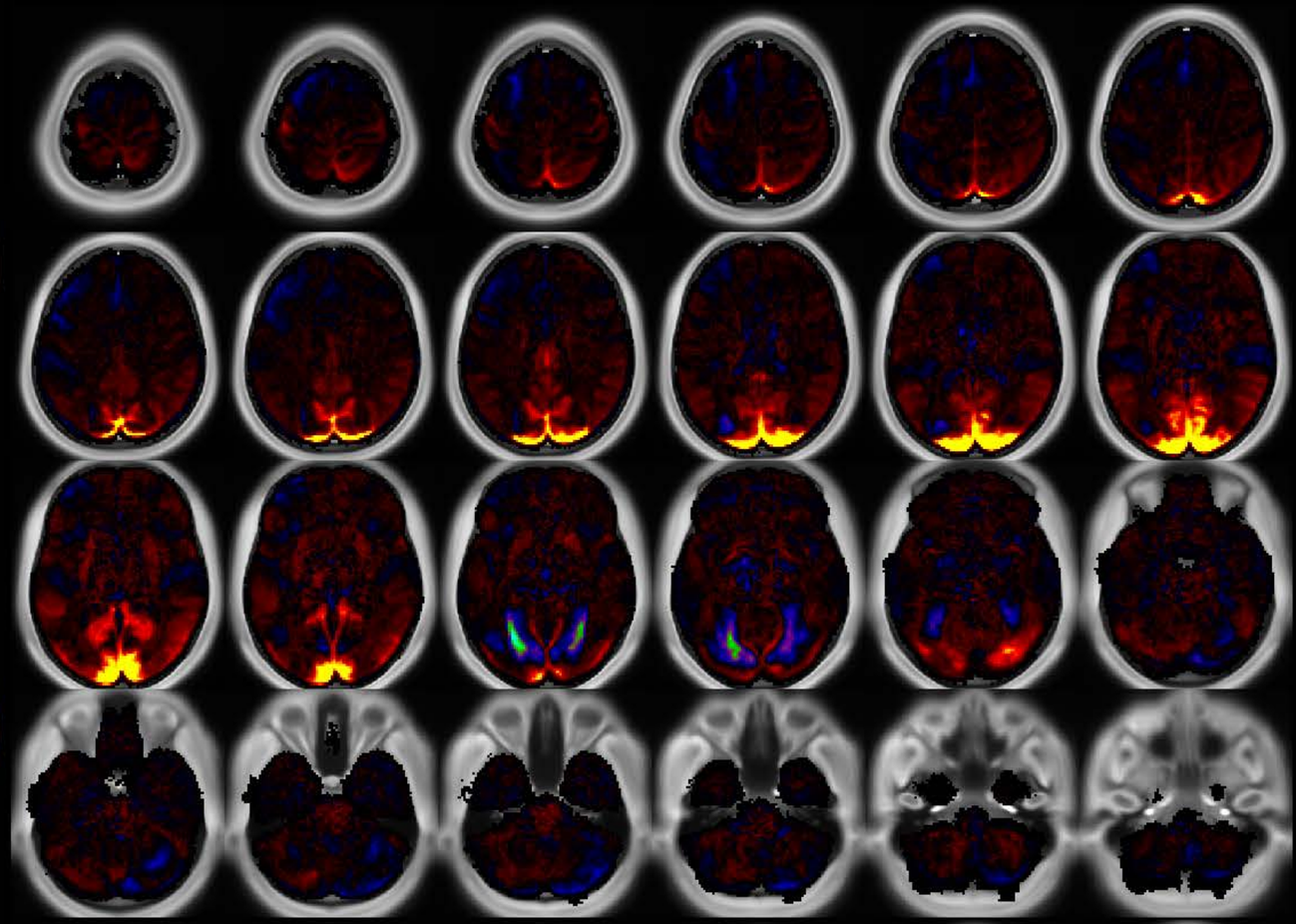
Seconds

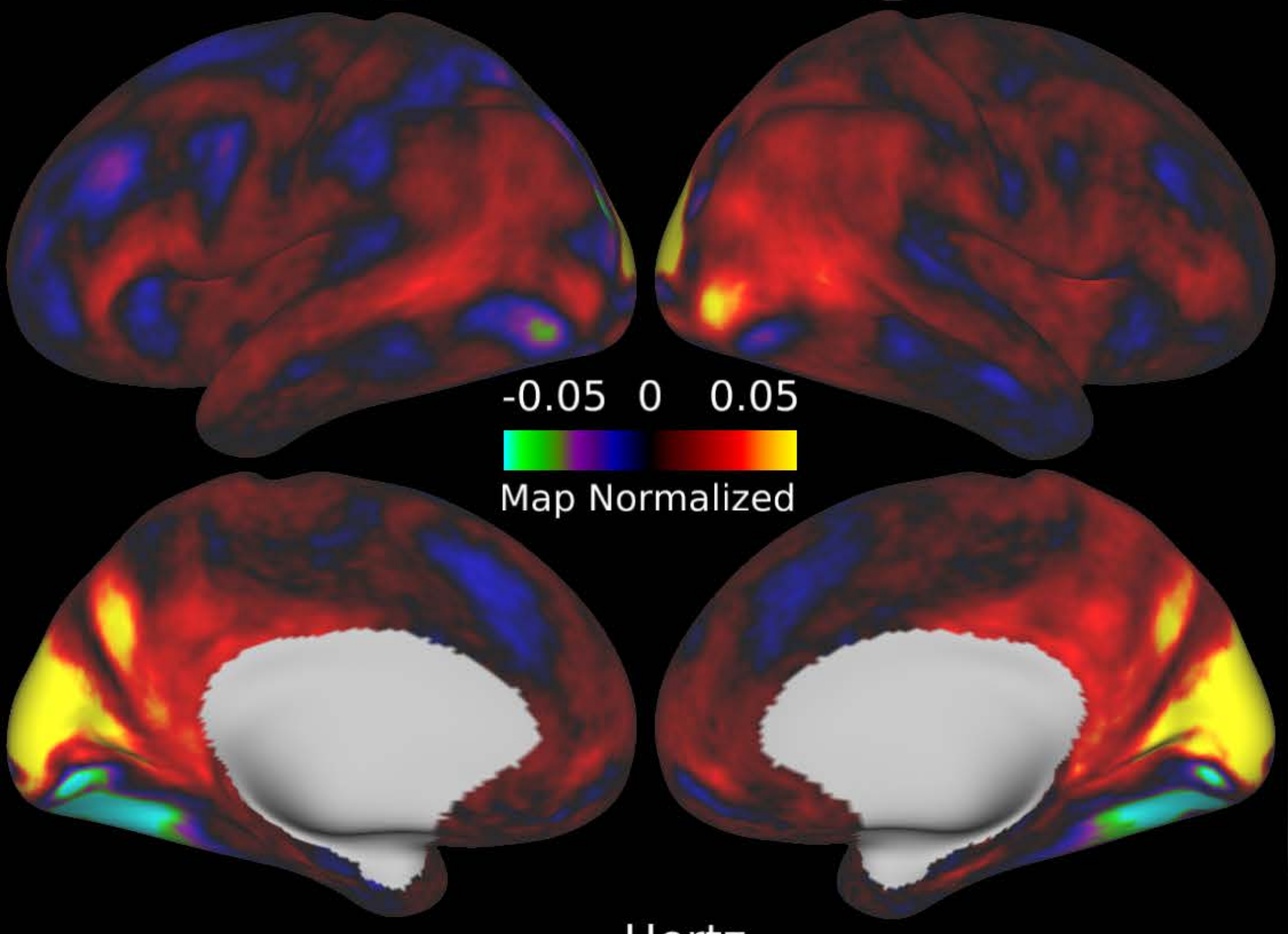




Number & Class: 66 Signal	Name: Extrastriate Visual Network	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.52	Globality Index: 0.46
Rest Component: No	Taskr Component: No	Task Modulated: No
Rationale: Spatial map has elements of visuotopy and known RSNs though in an atypical arrangement		







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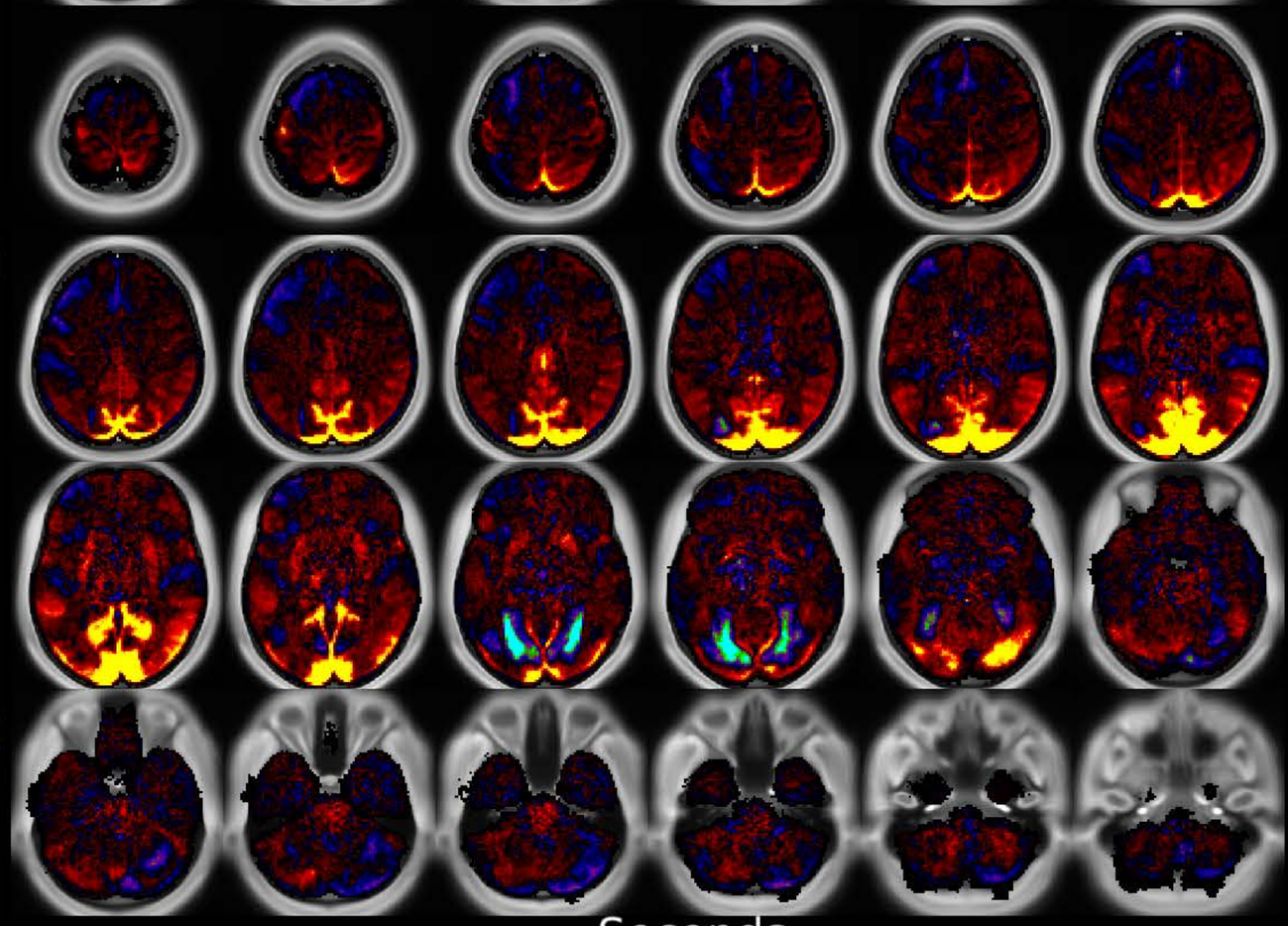
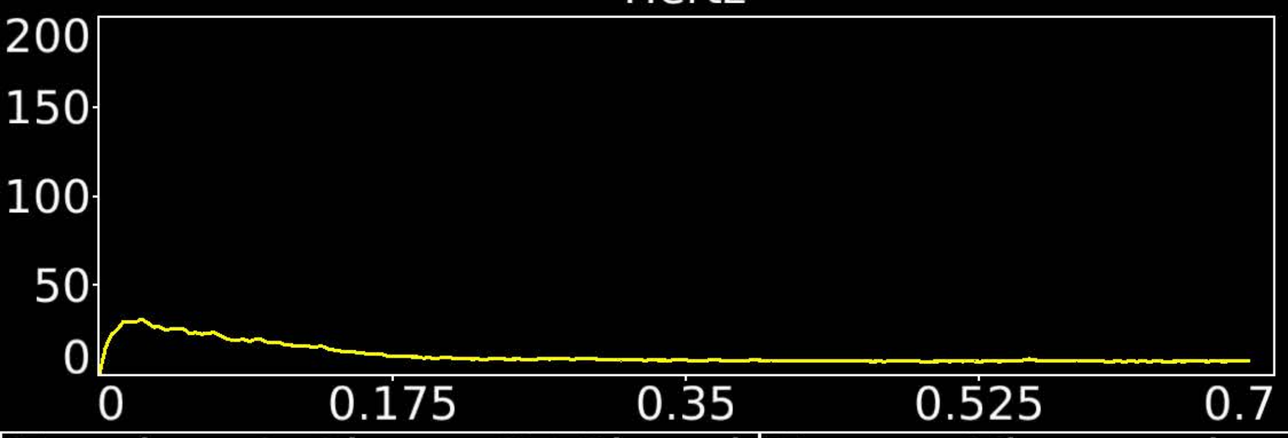
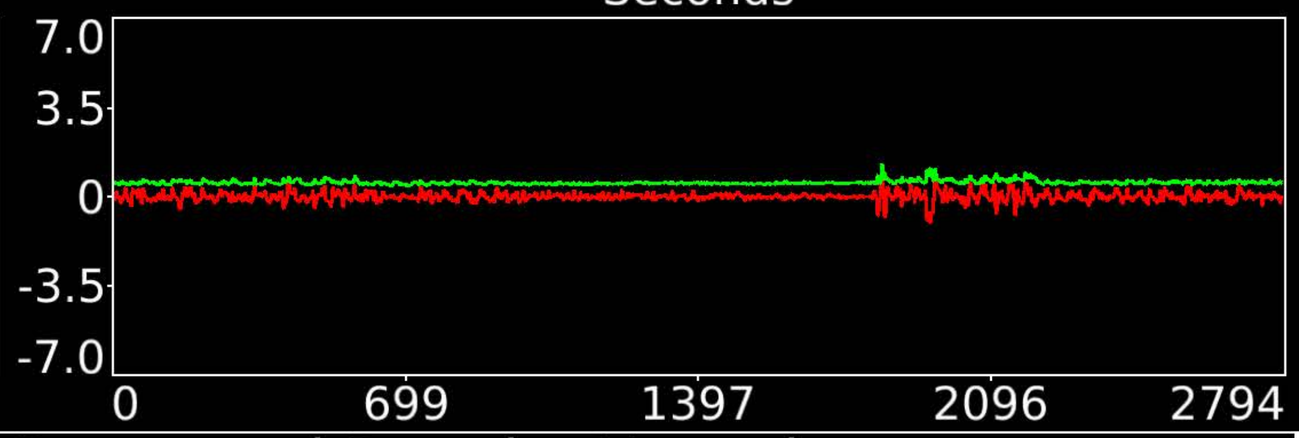


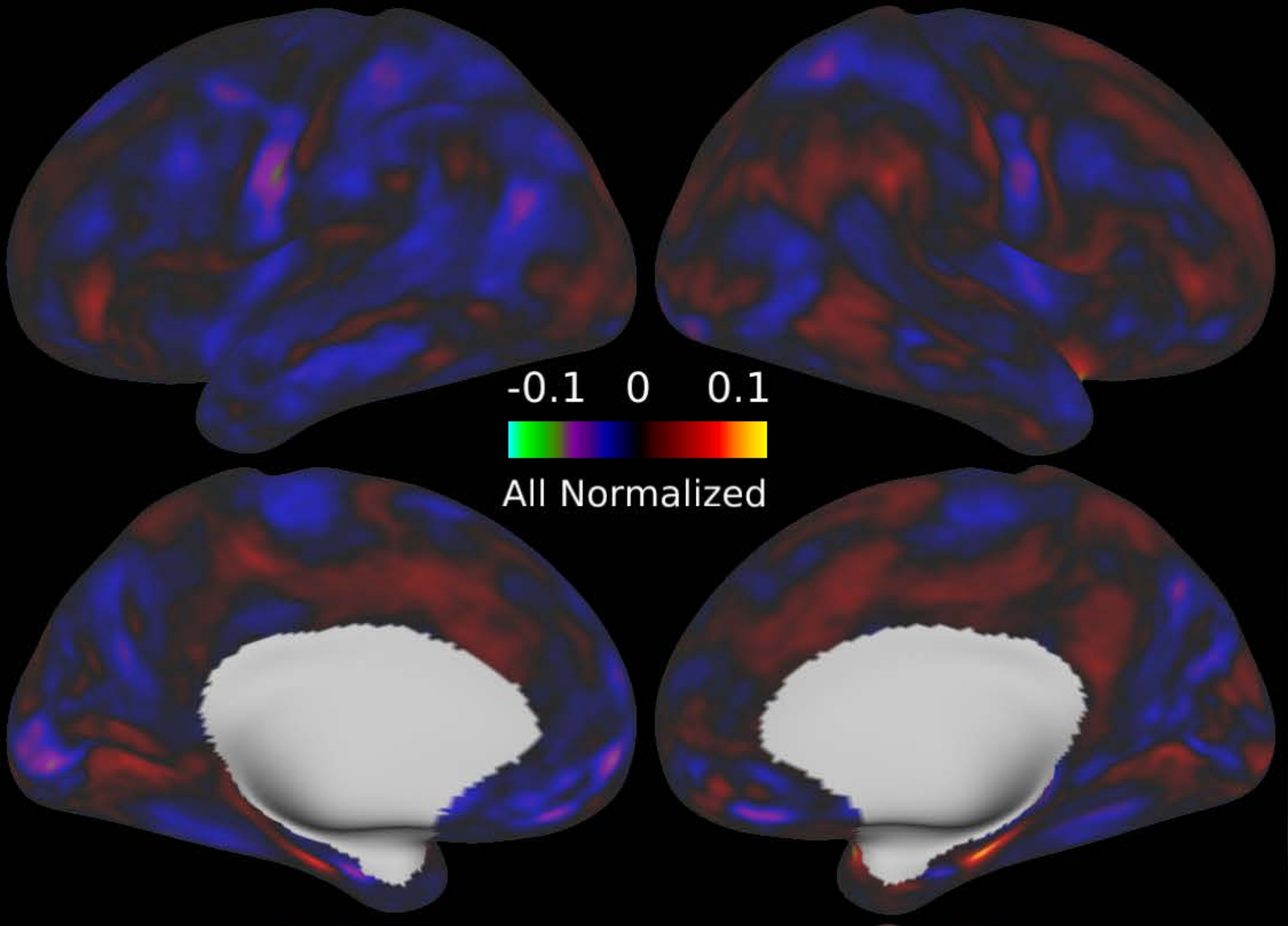
Seconds

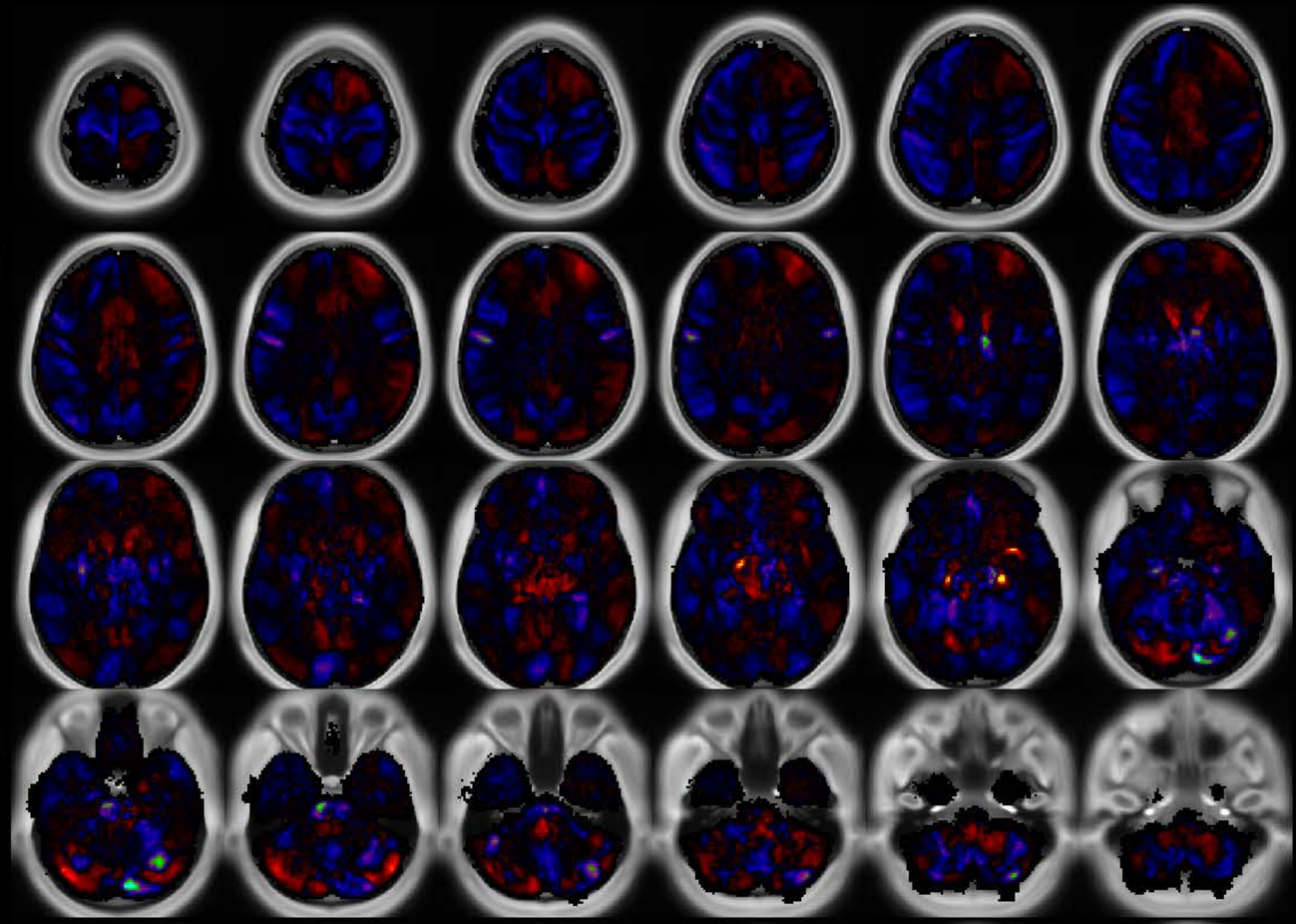


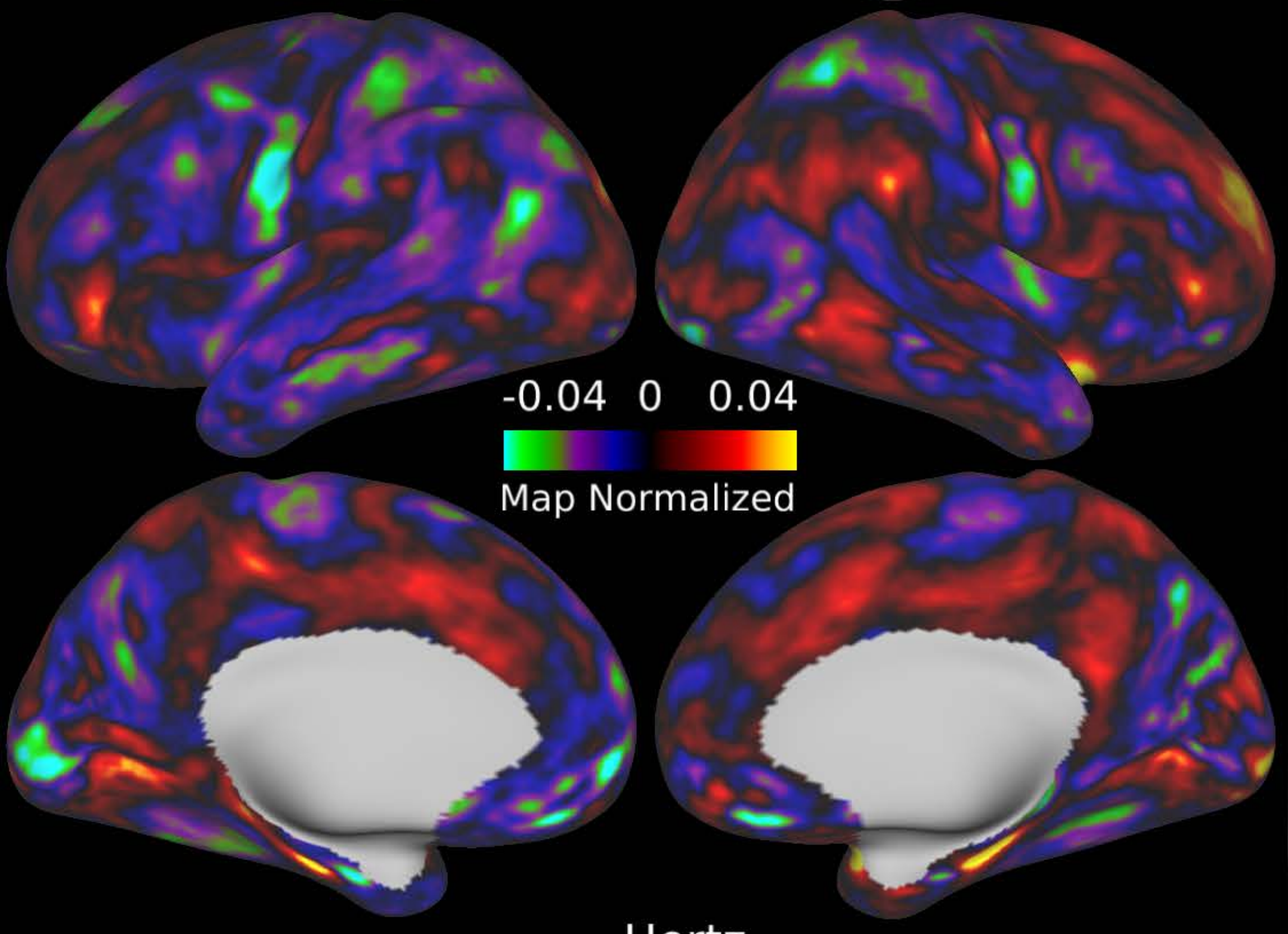


Number & Class: 67 Signal	Name: Visuotopic: Paracentral Dorsal > Ventral	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.52	Globality Index: 1.42
Rest Component: -82	Taskr Component: 49	Task Modulated: No

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







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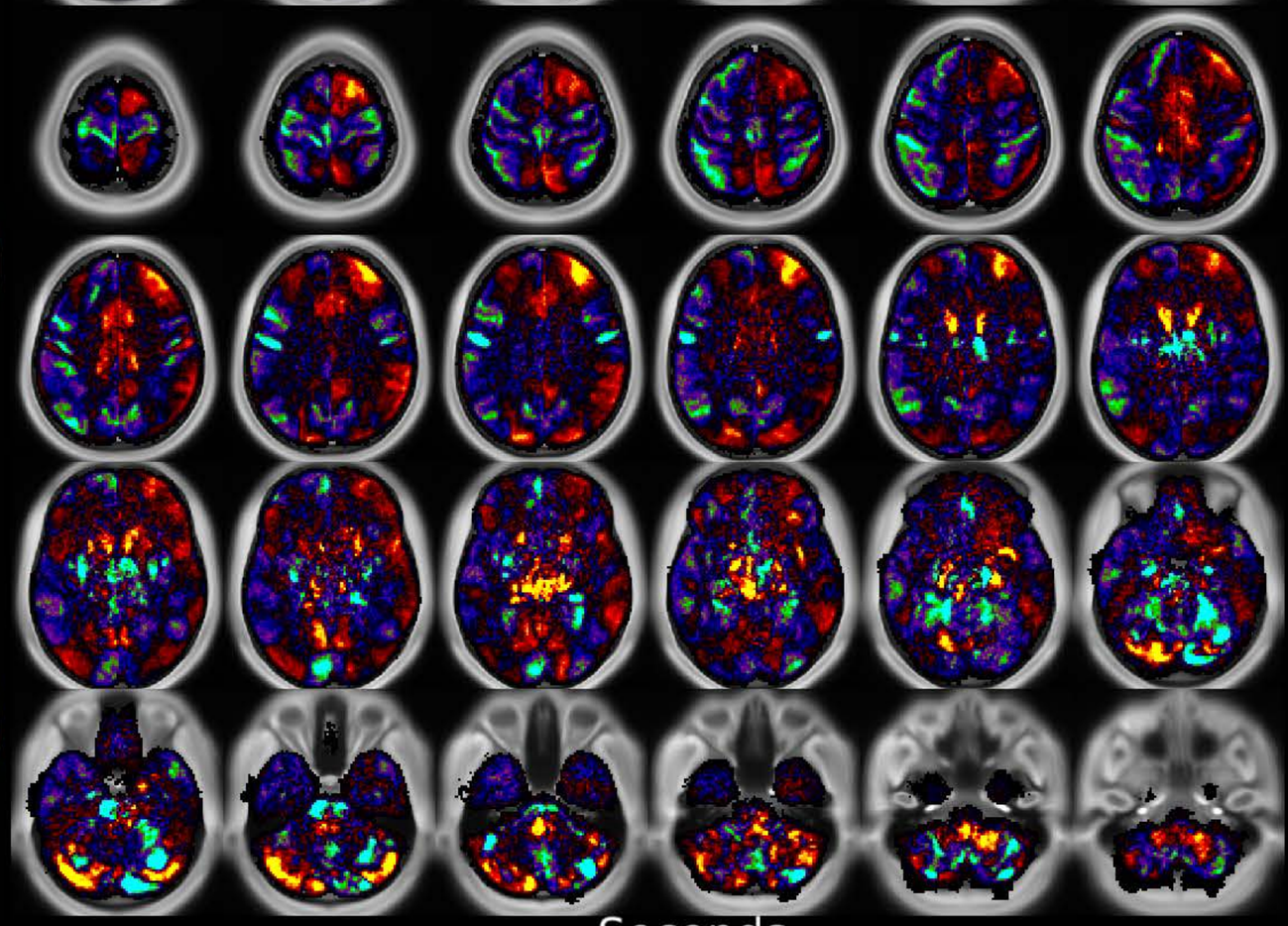
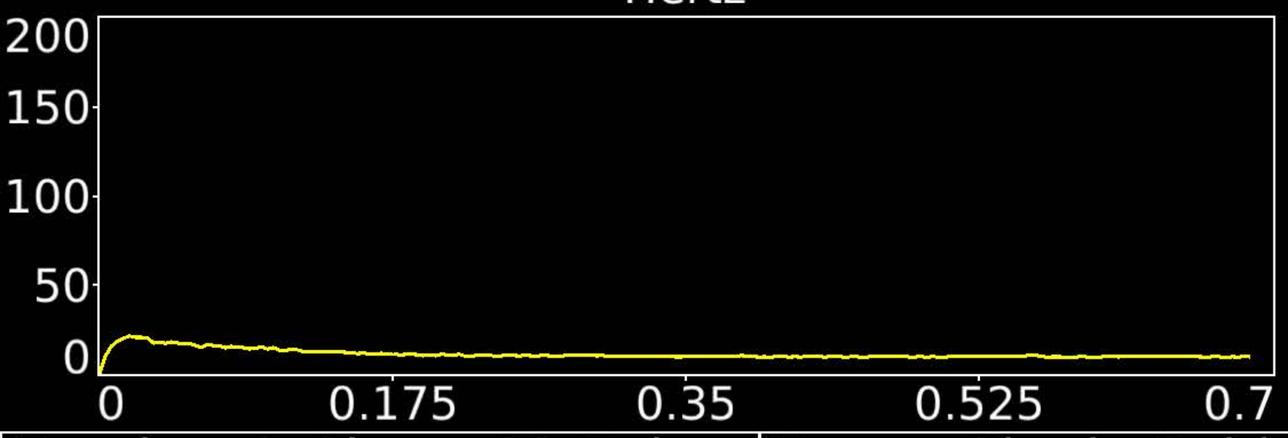
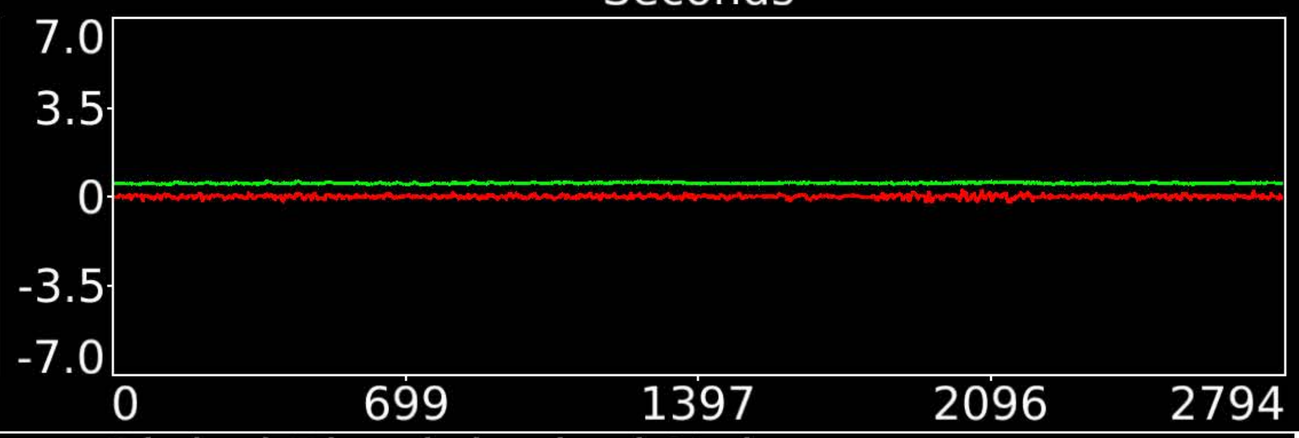


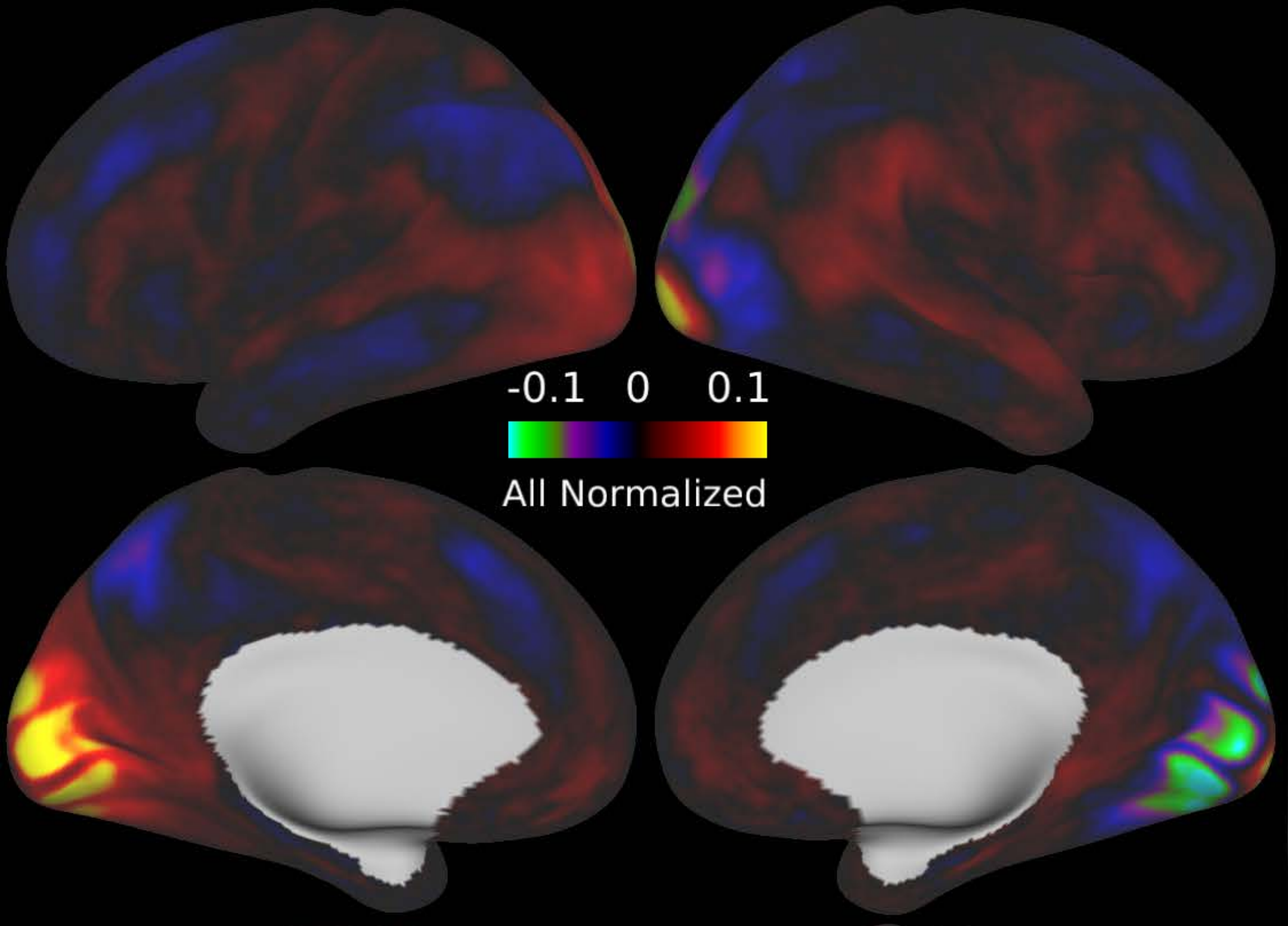
Seconds

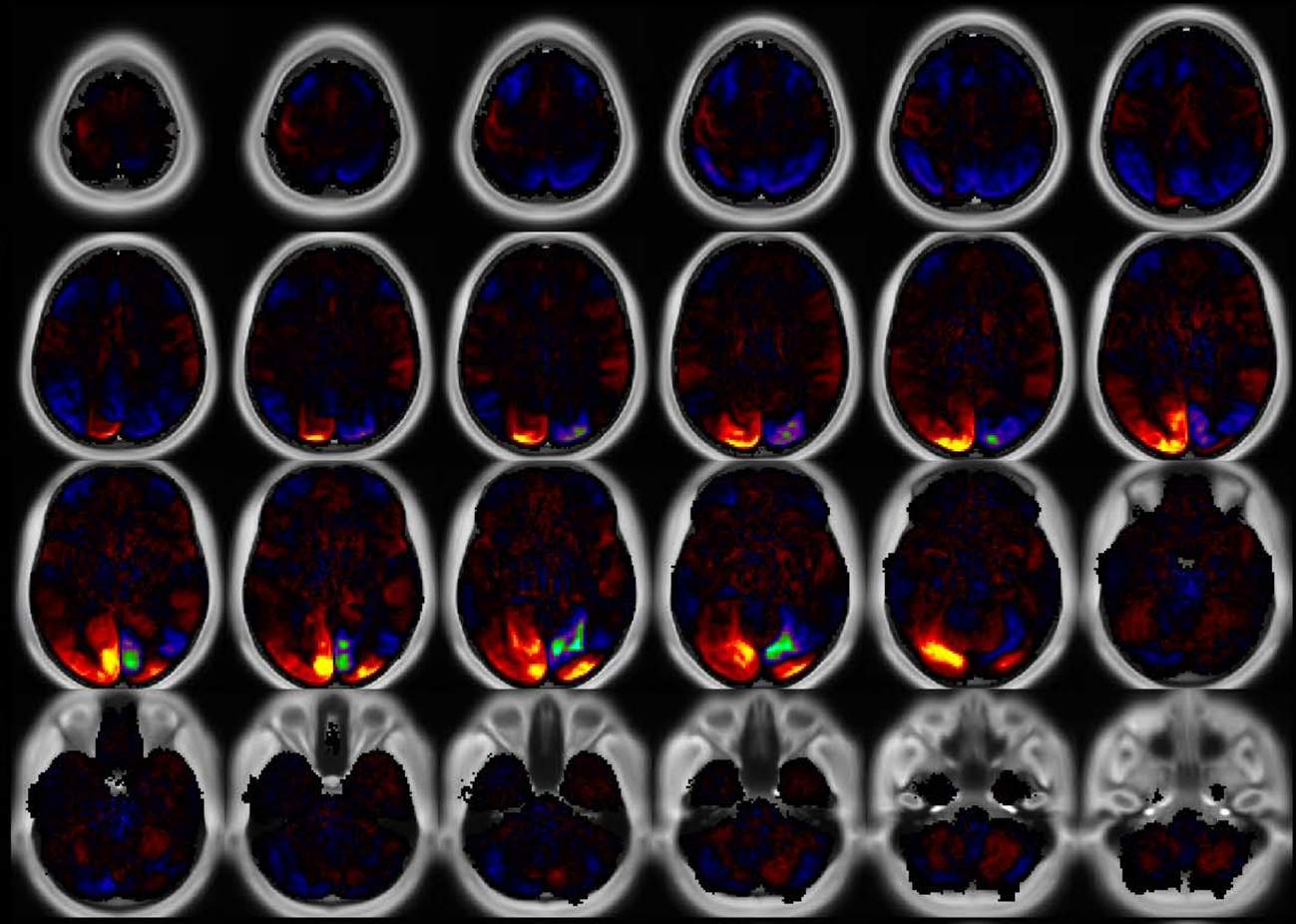


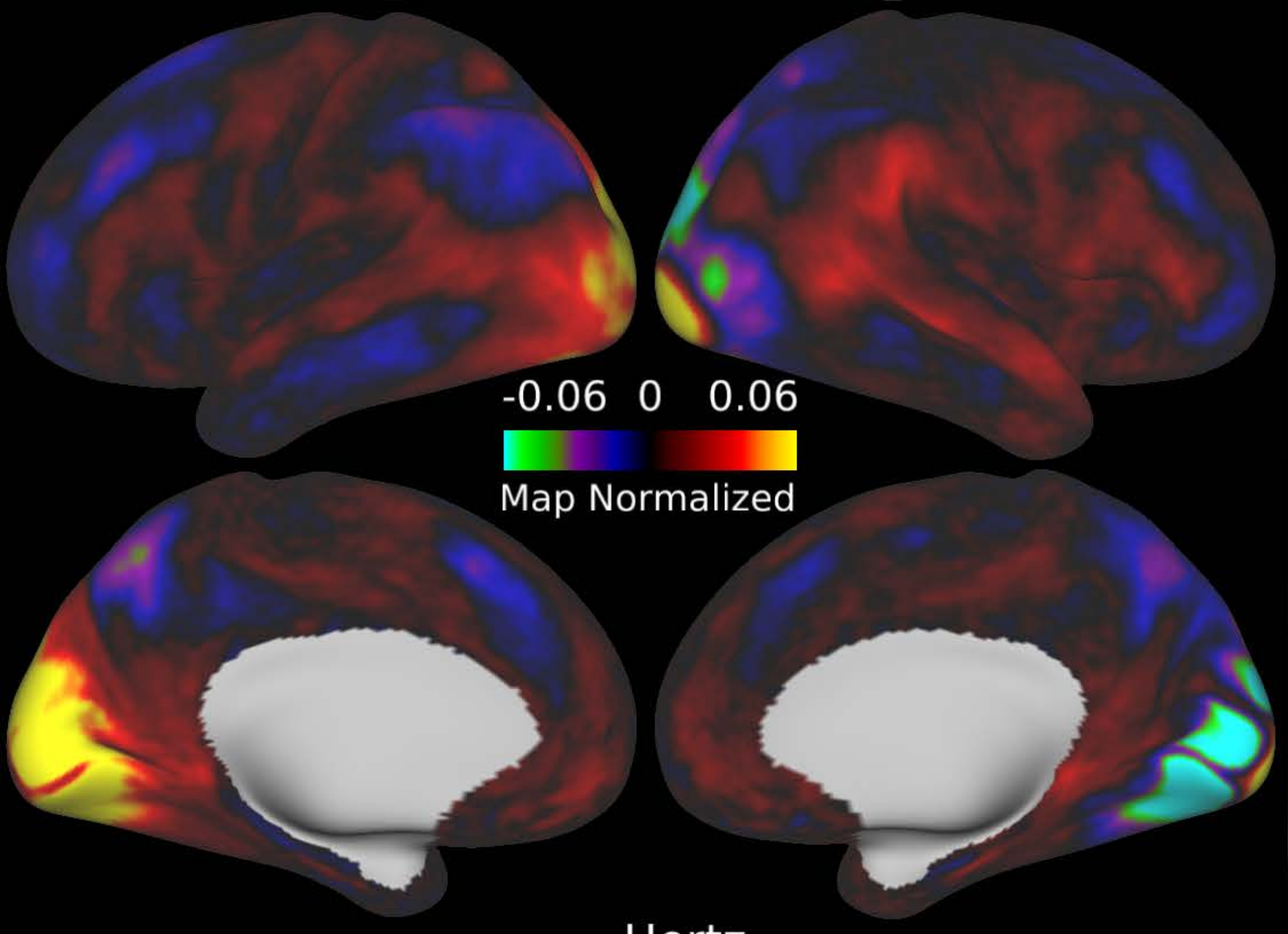


Number & Class: 68 Noise	Name: Single Subject Global Physiological Noise	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: Yes	% Variance Explained: 0.46	Globality Index: 0.41
Rest Component: No	Taskr Component: No	Task Modulated: No

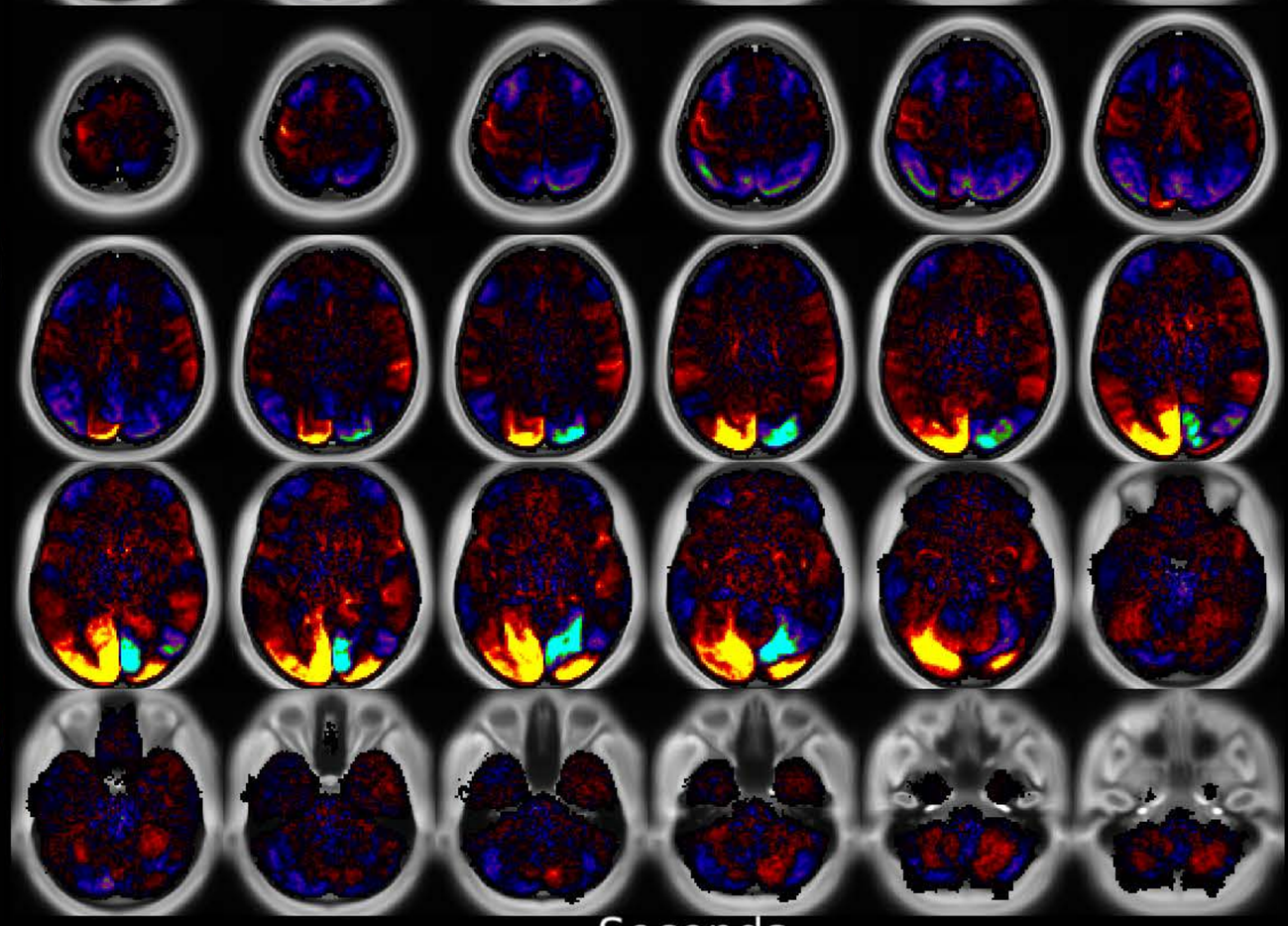
Rationale: Single subject component with high correlation to global timecourse
.



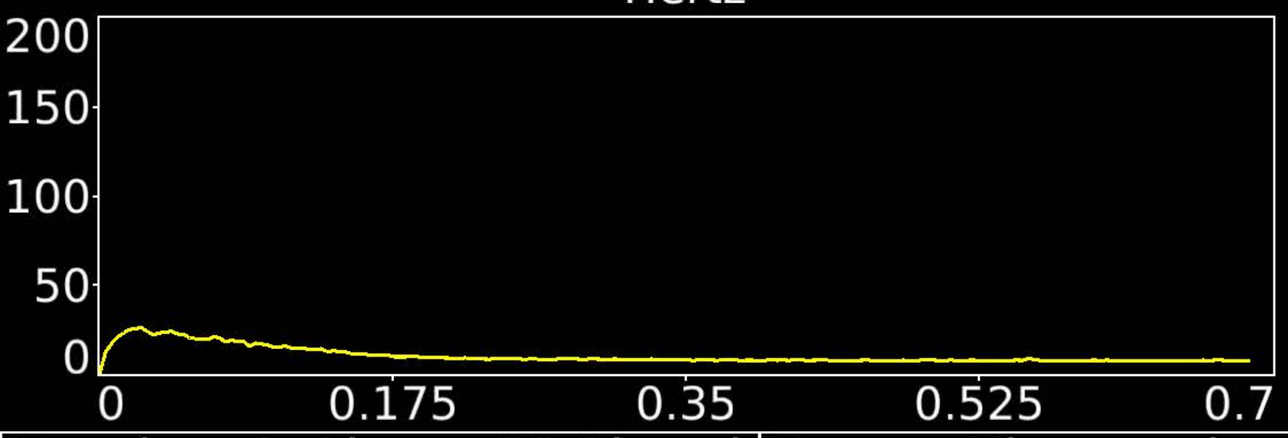


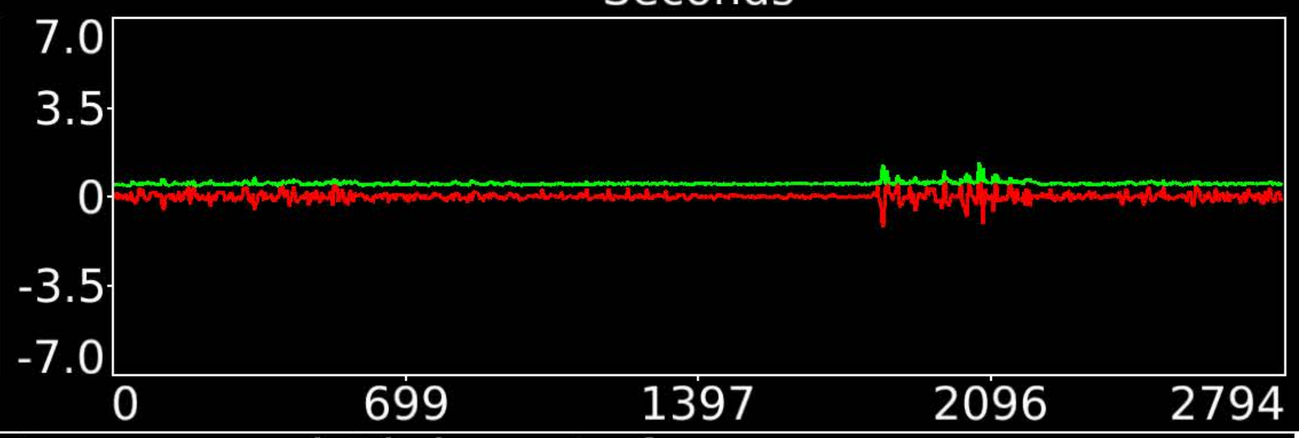


Hertz



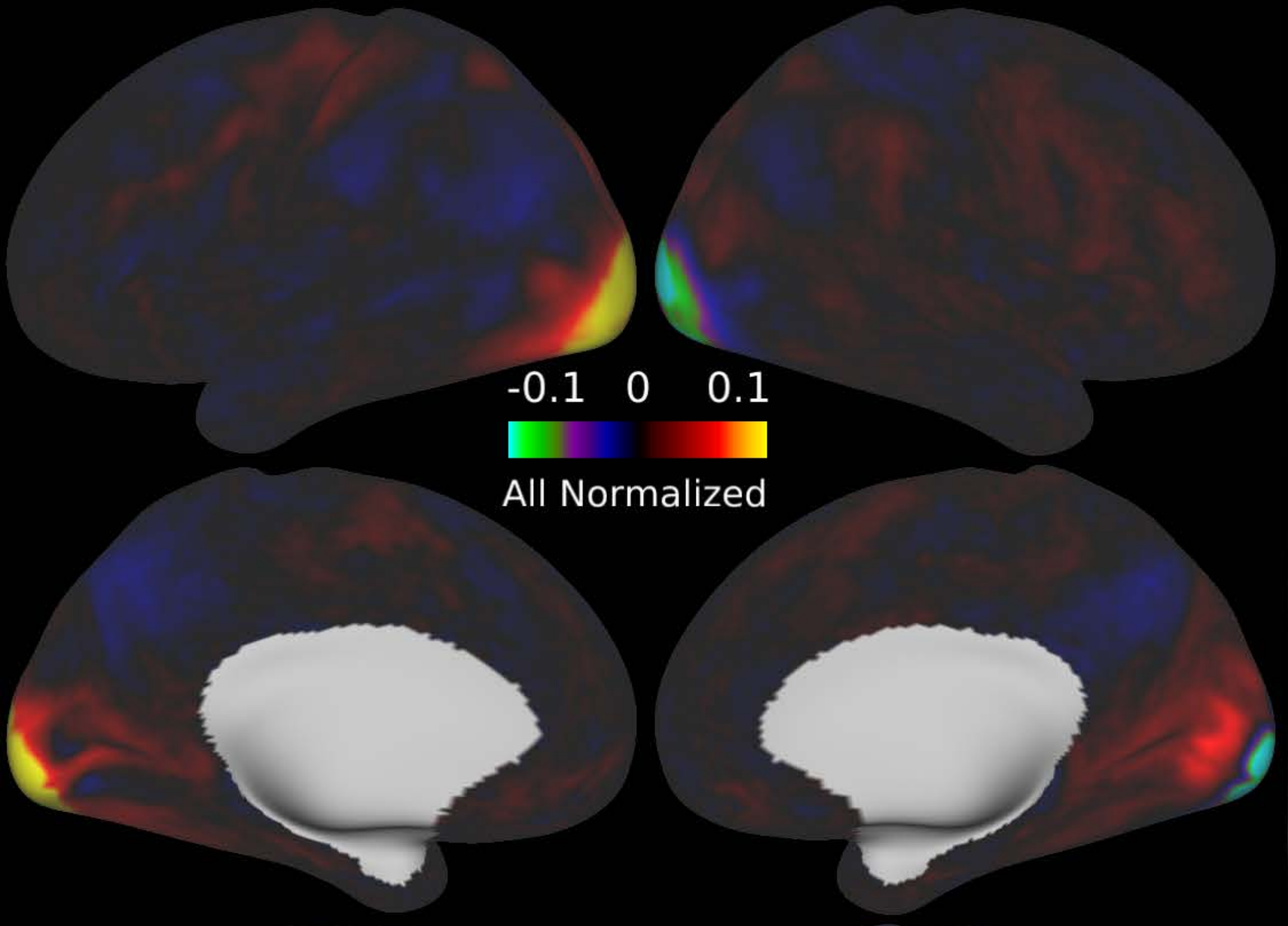
Seconds

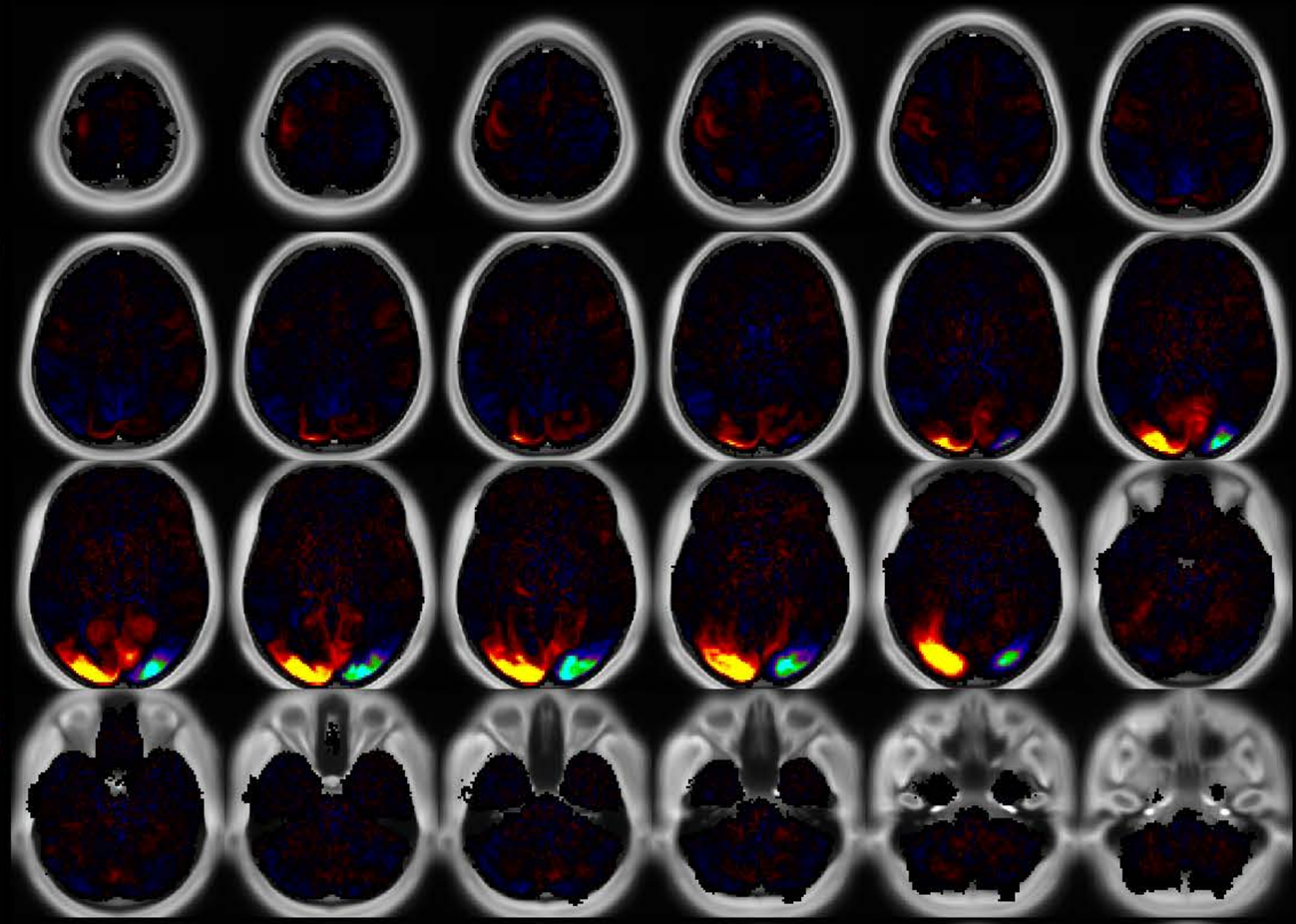


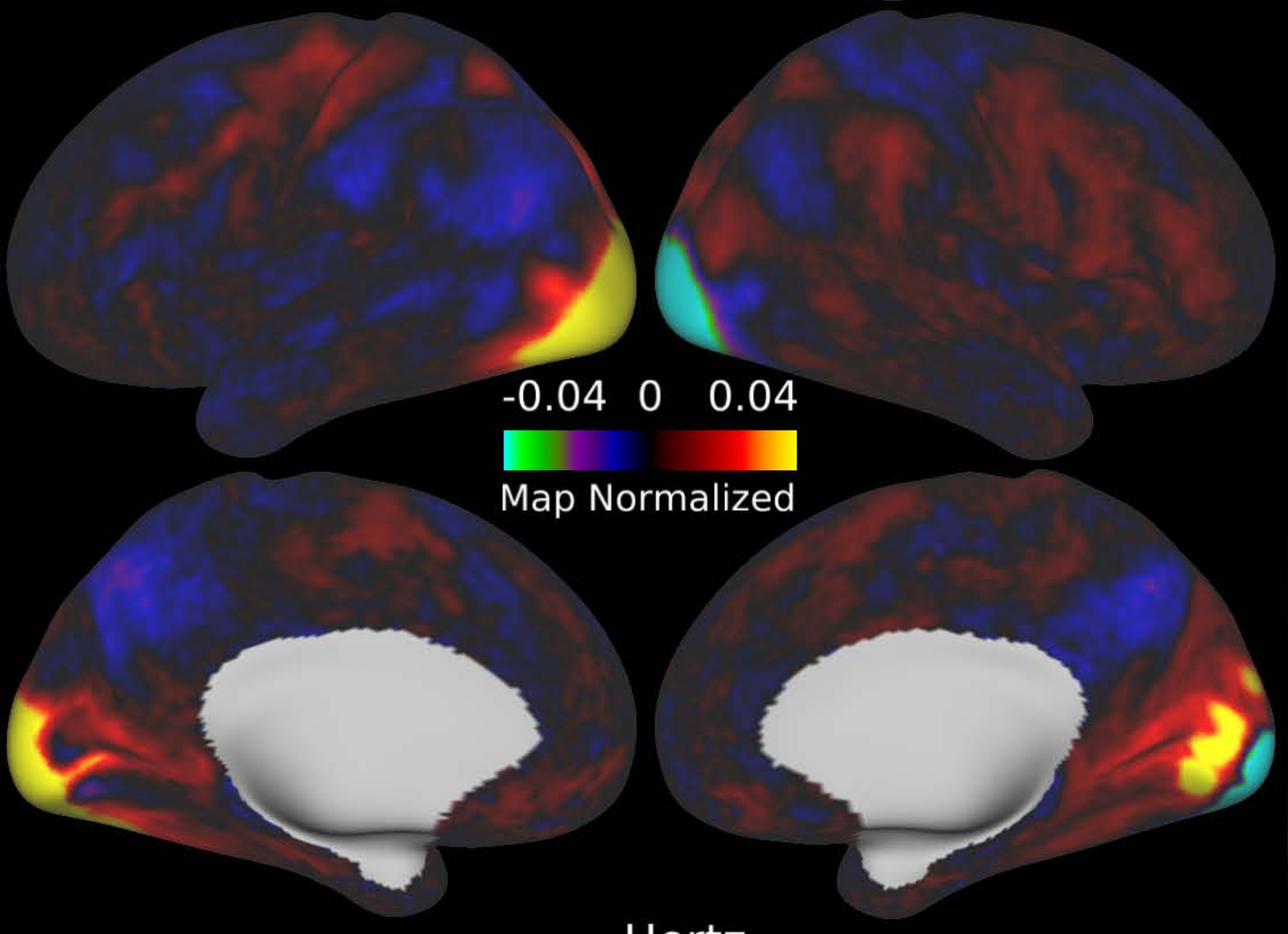


Number & Class: 69 Signal	Name: Visuotopic: Paracentral Right > Left	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.45	Globality Index: 0.65
Rest Component: 84	Taskr Component: -57	Task Modulated: No

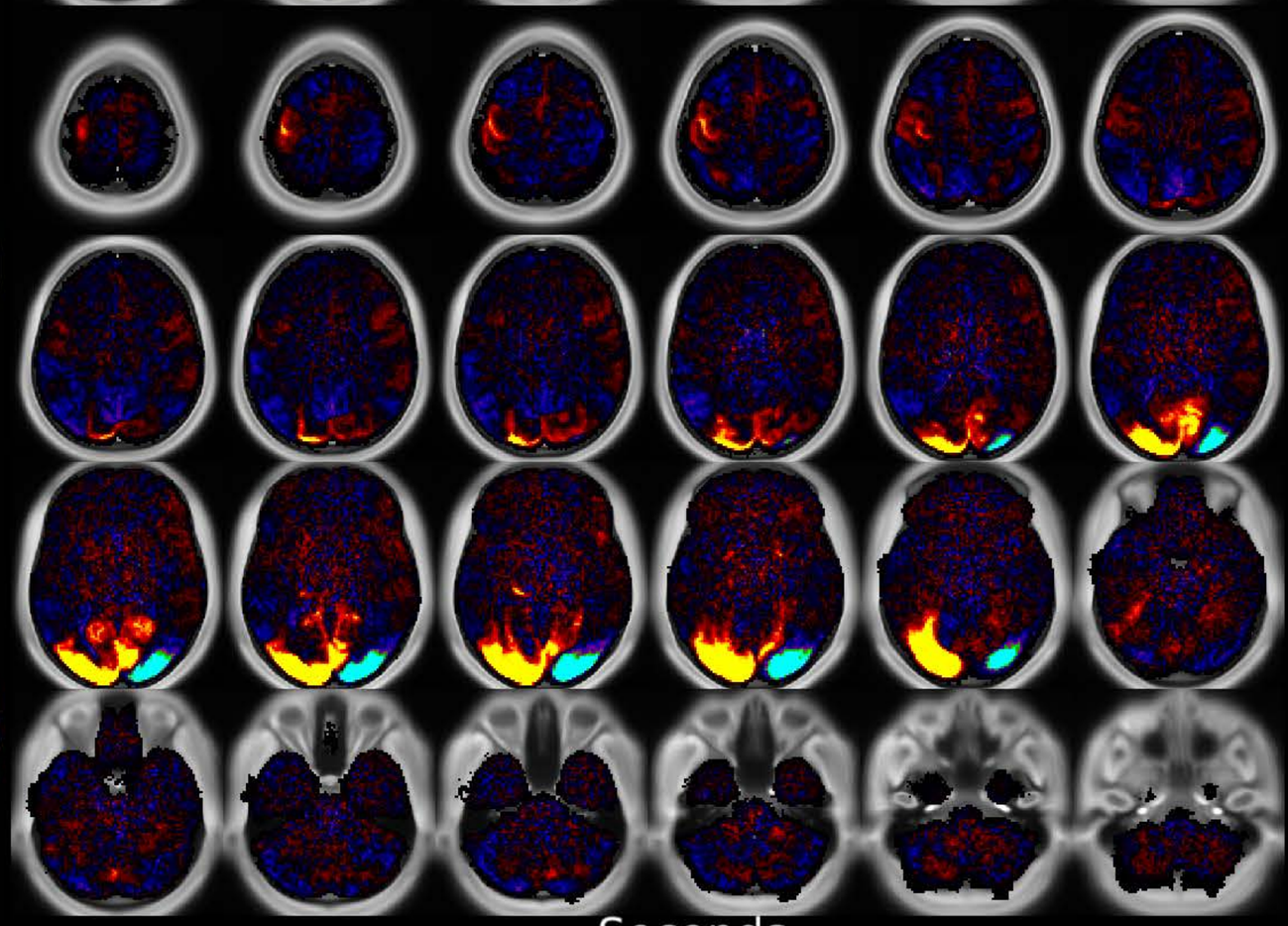
Rationale: Spatial map includes positive and negative patches that respect known retinotopic visual organization (Foveal Right vs Left)



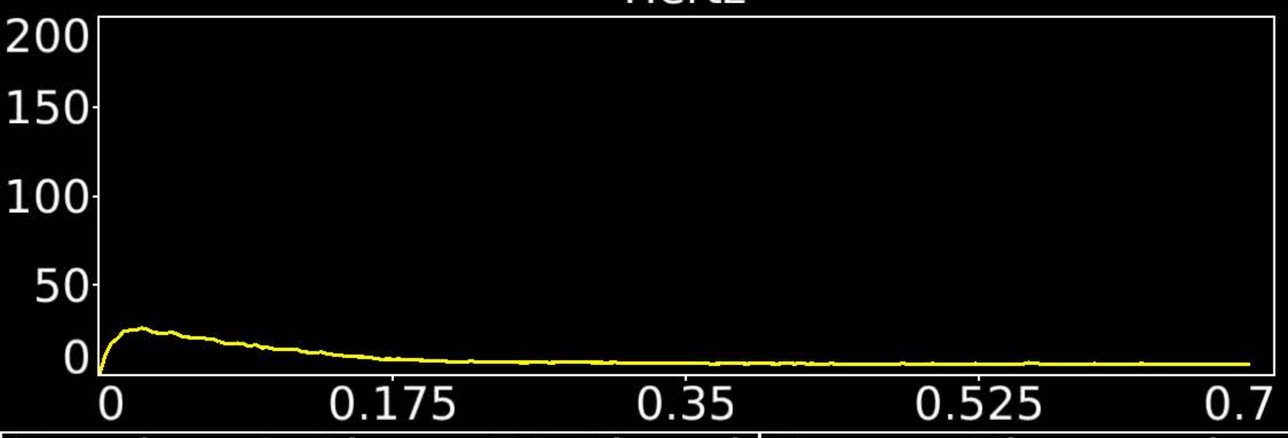


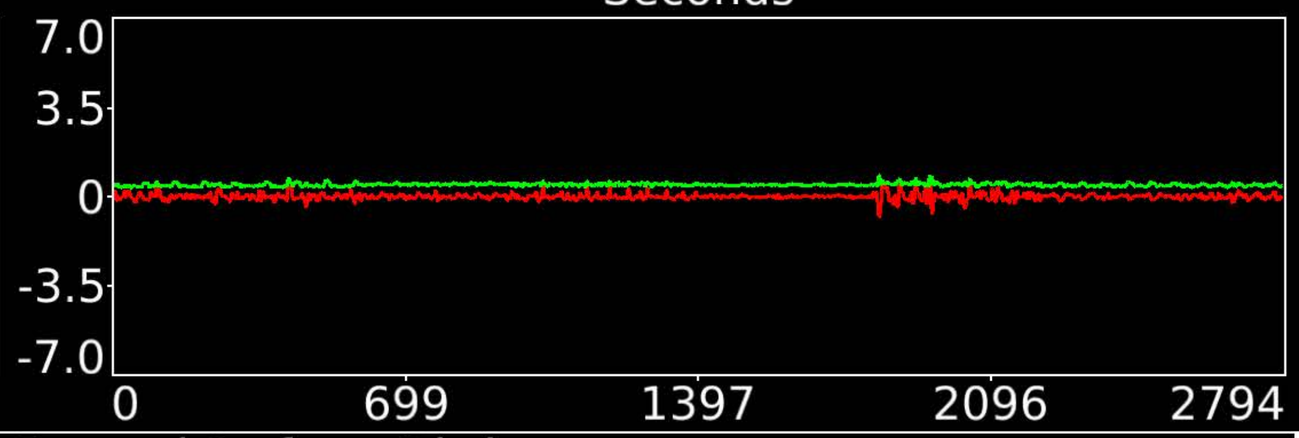


Hertz



Seconds





Number & Class: 70 Signal	Name: Visuotopic: Foveal Left > Right	
RVT Correlated: No	DVARS Dip Associated: No	Cross-Subject Variable: No
Single Subject: No	% Variance Explained: 0.37	Globality Index: 0.26
Rest Component: 81	Taskr Component: 58	Task Modulated: No

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