

Final PTE results (All bands; updated)

1) DELTA PTEs:

> Omnibus_Delta_Left

model term	df1	df2	F.ratio	p.value
Direction	1	527	0.093	0.7600
Motor_Region	2	527	8.295	0.0003
Direction:Motor_Region	2	527	0.294	0.7451

> Delta_Main_Left

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
dPMC - M1	0.00327	0.00213	527	1.532	0.2770	0.830
dPMC - vPMC	0.00868	0.00225	527	3.867	<.0001	0.001
M1 - vPMC	0.00541	0.00301	527	1.799	0.1710	0.513

> Omnibus_Delta_Right

model term	df1	df2	F.ratio	p.value
Direction	1	527	1.096	0.2955
Motor_Region	2	527	5.967	0.0027
Direction:Motor_Region	2	527	0.264	0.7678

> Delta_Main_Right

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
dPMC - M1	0.00124	0.00212	527	0.587	0.8270	1.000
dPMC - vPMC	0.01111	0.00321	527	3.462	0.0020	0.005
M1 - vPMC	0.00986	0.00368	527	2.680	0.0210	0.062

2) THETA PTEs:

> Omnibus_Theta_Left

model term	df1	df2	F.ratio	p.value
Direction	1	527	5.383	0.0207
Motor_Region	2	527	12.334	<.0001
Direction:Motor_Region	2	527	0.362	0.6968

> Theta_Left_Main

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.00366	0.00157	527	2.332	0.0200	0.02

> Omnibus_Theta_Right

model term	df1	df2	F.ratio	p.value
Direction	1	527	6.849	0.0091
Motor_Region	2	527	8.373	0.0003
Direction:Motor_Region	2	527	3.410	0.0338

> Theta_Right_Interaction

Motor_Region = dPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.00609	0.00161	527	3.789	<.0001	0.001

Motor_Region = M1:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.00318	0.00199	527	1.598	0.1110	0.332

Motor_Region = vPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.00372	0.00197	527	1.893	0.0590	0.177

3) ALPHA PTEs

> Omnibus_Alpha_Left

model term	df1	df2	F.ratio	p.value
Direction	1	527	22.571	<.0001
Motor_Region	2	527	7.519	0.0006
Direction:Motor_Region	2	527	12.089	<.0001

> Alpha_Left_Interaction

Motor_Region = dPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.0259	0.00463	527	-5.598	<.0001	0.000

Motor_Region = M1:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.0147	0.00481	527	-3.053	0.0020	0.007

Motor_Region = vPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.0210	0.00507	527	-4.137	<.0001	0.000

> Omnibus_Alpha_Right

model term	df1	df2	F.ratio	p.value
Direction	1	527	11.663	0.0007
Motor_Region	2	527	9.529	0.0001
Direction:Motor_Region	2	527	8.700	0.0002

> Alpha_Right_Interaction

Motor_Region = dPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.01864	0.00469	527	-3.978	<.0001	0.000

Motor_Region = M1:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.00929	0.00486	527	-1.912	0.0560	0.169

doesn't survive

Motor_Region = vPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.01866	0.00549	527	-3.399	0.0010	0.002

4) BETA PTEs

> Omnibus_Beta_Left

model term	df1	df2	F.ratio	p.value
Direction	1	527	0.689	0.4069
Motor_Region	2	527	16.023	<.0001
Direction:Motor_Region	2	527	6.106	0.0024

> Beta_Left_Interaction

Motor_Region = dPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.000179	0.00158	527	0.113	0.9100	1.000

Motor_Region = M1:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.005235	0.00215	527	2.435	0.0150	0.046

Motor_Region = vPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.001243	0.00205	527	-0.607	0.5440	1.000

> Omnibus_Beta_Right

model term	df1	df2	F.ratio	p.value
Direction	1	527	5.612	0.0182
Motor_Region	2	527	25.254	<.0001
Direction:Motor_Region	2	527	13.342	<.0001

> Beta_Right_Interaction

Motor_Region = dPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.005003	0.00188	527	2.658	0.0080	0.024

Motor_Region = M1:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.009388	0.00221	527	4.250	<.0001	0.000

Motor_Region = vPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.000356	0.00242	527	-0.147	0.8830	1.000

5) GAMMA1 PTEs:

> Omnibus_Gammal_Left

model	term	df1	df2	F.ratio	p.value
Direction		1	527	0.833	0.3618
Motor_Region		2	527	19.302	<.0001
Direction:Motor_Region		2	527	3.374	0.0350

> Gammal_Left_Interaction

Motor_Region = dPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.000981	0.000604	527	-1.625	0.1050	0.314

Motor_Region = M1:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.000517	0.000761	527	0.679	0.4970	1.000

Motor_Region = vPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.001135	0.000648	527	-1.750	0.0810	0.242

just a trend

> Omnibus_Gammal_Right

model	term	df1	df2	F.ratio	p.value
Direction		1	527	0.748	0.3875
Motor_Region		2	527	18.595	<.0001
Direction:Motor_Region		2	527	5.124	0.0063

> Gammal_Right_Interaction

Motor_Region = dPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.001328	0.000591	527	-2.246	0.0250	0.075

doesn't survive

Motor_Region = M1:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.000985	0.000846	527	1.165	0.2450	0.734

Motor_Region = vPMC:

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	-0.001209	0.000688	527	-1.758	0.0790	0.238

just a trend

6) GAMMA2 PTEs:

> Omnibus_Gamma2_Left

model term	df1	df2	F.ratio	p.value
Direction	1	527	14.888	0.0001
Motor_Region	2	527	10.841	<.0001
Direction:Motor_Region	2	527	2.324	0.0989

> Gamma2_MainEffect_Direction_Left

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.00104	0.000273	527	-3.832	<.0001	0

Degrees-of-freedom method: user-specified

> Omnibus_Gamma2_Right

model term	df1	df2	F.ratio	p.value
Direction	1	527	7.329	0.0070
Motor_Region	2	527	12.456	<.0001
Direction:Motor_Region	2	527	1.667	0.1897

> Gamma2_MainEffect_Direction_Right

contrast	estimate	SE	df	t.ratio	p.value	bonferroni
M2S - S2M	0.000744	0.000276	527	-2.689	0.0070	0.007