

Results

Repeated Measures ANOVA

Within Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p	ω^2
ROI	0.086	8	0.011	19.505	2.263e-22	0.402	0.244
Residual	0.128	232	5.508e-4				

Note. Type III Sum of Squares

Between Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p	ω^2
Residual	0.116	29	0.004				

Note. Type III Sum of Squares

Post Hoc Tests

Post Hoc Comparisons - ROI

		95% CI of Mean Difference			t	Cohen's d	p _{holm}	p _{bonf}
	Mean Difference	Lower	Upper	SE				
ACC	ATL	0.029	0.005	0.053	0.007	4.219	0.770	0.008
	IFG	-0.015	-0.039	0.010	0.007	-2.143	-0.391	0.406
	Ins	-0.005	-0.028	0.017	0.006	-0.833	-0.152	1.000
	LTL	-0.030	-0.051	-0.010	0.006	-5.167	-0.943	4.148e-4
	PCC	0.011	-0.010	0.032	0.006	1.830	0.334	0.698
	Prec	-0.012	-0.028	0.005	0.005	-2.525	-0.461	0.225
	V1	0.025	3.201e-4	0.049	0.007	3.582	0.654	0.023
	aPFC	0.002	-0.020	0.023	0.006	0.252	0.046	1.000
ATL	IFG	-0.044	-0.066	-0.021	0.006	-6.777	-1.237	6.400e-6
	Ins	-0.034	-0.054	-0.015	0.006	-6.165	-1.126	3.142e-5
	LTL	-0.059	-0.084	-0.035	0.007	-8.446	-1.542	9.456e-8
	PCC	-0.018	-0.040	0.003	0.006	-2.991	-0.546	0.090
	Prec	-0.041	-0.060	-0.021	0.006	-7.392	-1.350	1.298e-6
	V1	-0.004	-0.025	0.016	0.006	-0.758	-0.138	1.000
	aPFC	-0.027	-0.052	-0.003	0.007	-3.996	-0.730	0.008
	IFG	0.009	-0.010	0.029	0.005	1.716	0.313	0.775
IFG	LTL	-0.016	-0.039	0.007	0.006	-2.417	-0.441	0.266
	PCC	0.025	0.003	0.048	0.006	4.048	0.739	0.008
	Prec	0.003	-0.015	0.021	0.005	0.599	0.109	1.000
	V1	0.039	0.015	0.063	0.007	5.823	1.063	7.522e-5
	aPFC	0.016	-0.004	0.037	0.006	2.779	0.507	0.142
	LTL	-0.025	-0.047	-0.004	0.006	-4.148	-0.757	0.006
	PCC	0.016	-0.002	0.034	0.005	3.129	0.571	0.068
	Prec	-0.006	-0.024	0.011	0.005	-1.302	-0.238	1.000
Ins	V1	0.030	0.014	0.046	0.005	6.613	1.207	9.632e-6
	aPFC	0.007	-0.016	0.030	0.006	1.055	0.193	1.000
	LTL	0.041	0.015	0.068	0.007	5.503	1.005	1.696e-4
	Prec	0.019	0.002	0.036	0.005	3.920	0.716	0.010
	V1	0.055	0.031	0.079	0.007	8.030	1.466	2.602e-7
	aPFC	0.032	0.012	0.052	0.006	5.679	1.037	1.080e-4
	PCC	-0.022	-0.040	-0.005	0.005	-4.457	-0.814	0.003
	Prec							0.004

Post Hoc Comparisons - ROI

		95% CI of Mean Difference			t	Cohen's d	p _{holm}	p _{bonf}	
	Mean Difference	Lower	Upper	SE					
Prec	V1	0.014	-0.008	0.035	0.006	2.274	0.415	0.336	1.000
	aPFC	-0.009	-0.033	0.015	0.007	-1.345	-0.246	1.000	1.000
	V1	0.036	0.014	0.058	0.006	5.837	1.066	7.486e-5	8.983e-5
	aPFC	0.013	-0.005	0.032	0.005	2.560	0.467	0.223	0.574
V1	aPFC	-0.023	-0.047	6.760e-4	0.007	-3.435	-0.627	0.033	0.065

Note. Cohen's d does not correct for multiple comparisons.

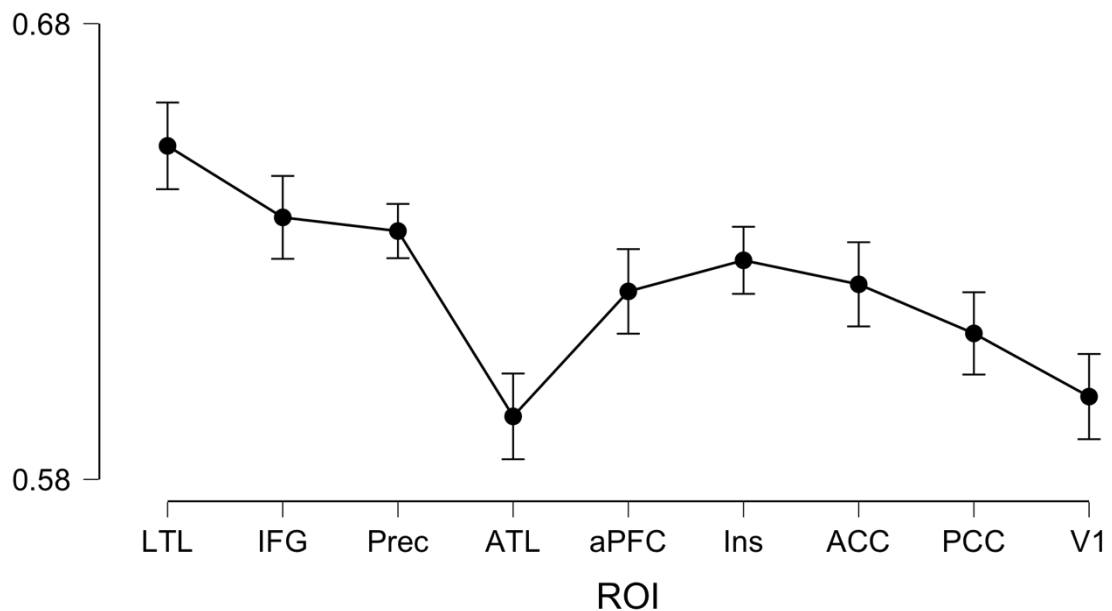
Note. Bonferroni adjusted confidence intervals.

Descriptives

Descriptives

ROI	Mean	SD	N
LTL	0.653	0.038	30
IFG	0.637	0.034	30
Prec	0.634	0.028	30
ATL	0.594	0.025	30
aPFC	0.621	0.037	30
Ins	0.628	0.024	30
ACC	0.623	0.034	30
PCC	0.612	0.027	30
V1	0.598	0.024	30

Descriptives Plot



Repeated Measures ANOVA

Within Subjects Effects

	Sum of Squares	df	Mean Square	F	p
ROI	0.066	8	0.008	18.265	4.052e -21
Residual	0.105	232	4.517e -4		
Condition	1.057	1	1.057	272.996	2.705e -16
Residual	0.112	29	0.004		
ROI * Condition	0.028 ^a	8 ^a	0.003 ^a	8.209 ^a	8.932e -10 ^a
Residual	0.098	232	4.207e -4		

Note. Type III Sum of Squares

^a Mauchly's test of sphericity indicates that the assumption of sphericity is violated ($p < .05$).

Between Subjects Effects

	Sum of Squares	df	Mean Square	F	p
Residual	0.189	29	0.007		

Note. Type III Sum of Squares

Descriptives

Descriptives Plot

