Results

Repeated Measures ANOVA

Within Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p
ROI	0.040	8	0.005	8.195	9.305e -10	0.220
Residual	0.140	232	6.028e -4			

Note. Type III Sum of Squares

Between Subjects Effects

	Sum of Squares	df	Mean Square	F	p	η^2_p
Residual	0.100	29	0.003			

Note. Type III Sum of Squares

Post Hoc Tests

Post Hoc Comparisons - ROI

		Mean Difference	95% CI of Mean Difference Lower	95% CI of Mean Difference Upper	SE	t	Cohen's d	p_{holm}	p_{bonf}
ACC	ATL	0.027	5.262e -4	0.053	0.007	3.606	0.658	0.032	0.042
	IFG	-0.006	-0.031	0.019	0.007	-0.889	-0.162	1.000	1.000
	Ins	-0.003	-0.024	0.018	0.006	-0.465	-0.085	1.000	1.000
	LTL	-0.012	-0.033	0.009	0.006	-1.984	-0.362	0.965	1.000
	PCC	0.007	-0.014	0.027	0.006	1.141	0.208	1.000	1.000
	Prec	-0.003	-0.018	0.012	0.004	-0.660	-0.120	1.000	1.000
	V1	0.021	-0.006	0.047	0.007	2.795	0.510	0.228	0.328
	aPFC	0.010	-0.011	0.030	0.006	1.673	0.305	1.000	1.000
ATL	IFG	-0.033	-0.059	-0.008	0.007	-4.625	-0.844	0.003	0.003
	Ins	-0.030	-0.054	-0.006	0.007	-4.387	-0.801	0.004	0.005
	LTL	-0.039	-0.067	-0.011	0.008	-4.896	-0.894	0.001	0.001
	PCC	-0.020	-0.045	0.004	0.007	-2.962	-0.541	0.157	0.218
	Prec	-0.030	-0.053	-0.007	0.007	-4.574	-0.835	0.003	0.003
	V1	-0.006	-0.029	0.017	0.007	-0.924	-0.169	1.000	1.000
	aPFC	-0.017	-0.041	0.006	0.007	-2.577	-0.471	0.352	0.551
IFG	Ins	0.003	-0.015	0.022	0.005	0.682	0.125	1.000	1.000
	LTL	-0.006	-0.031	0.020	0.007	-0.797	-0.146	1.000	1.000
	PCC	0.013	-0.008	0.034	0.006	2.165	0.395	0.736	1.000
	Prec	0.003	-0.017	0.024	0.006	0.583	0.106	1.000	1.000
	V1	0.027	8.223e -5	0.054	0.008	3.546	0.647	0.036	0.049
	aPFC	0.016	-0.005	0.037	0.006	2.675	0.488	0.292	0.438
Ins	LTL	-0.009	-0.031	0.012	0.006	-1.525	-0.278	1.000	1.000
	PCC	0.009	-0.010	0.028	0.005	1.740	0.318	1.000	1.000
	Prec	-1.129e -4	-0.017	0.016	0.005	-0.024	-0.004	1.000	1.000
	V1	0.024	0.005	0.042	0.005	4.586	0.837	0.003	0.003
	aPFC	0.012	-0.009	0.034	0.006	2.074	0.379	0.847	1.000
LTL	PCC	0.019	-0.008	0.045	0.008	2.450	0.447	0.432	0.740
	Prec	0.009	-0.009	0.028	0.005	1.745	0.319	1.000	1.000
	V1	0.033	0.006	0.060	0.008	4.314	0.788	0.005	0.006
	aPFC	0.022	0.002	0.041	0.005	3.949	0.721	0.014	0.017
PCC	Prec	-0.009	-0.027	0.009	0.005	-1.848	-0.337	1.000	1.000

Post Hoc Comparisons - ROI

			95% CI of Mean Difference						
		Mean Difference	Lower	Upper	SE	t	Cohen's d	p holm	p bonf
	V1	0.014	-0.009	0.037	0.007	2.193	0.400	0.730	1.000
	aPFC	0.003	-0.019	0.025	0.006	0.492	0.090	1.000	1.000
Prec	V1	0.024	8.201e -4	0.047	0.006	3.662	0.669	0.029	0.036
	aPFC	0.013	-0.005	0.030	0.005	2.488	0.454	0.415	0.678
V1	aPFC	-0.011	-0.037	0.014	0.007	-1.556	-0.284	1.000	1.000

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

Note. Bonferroni adjusted confidence intervals.

Descriptives

Descriptives

ROI	Mean	SD	N
LTL	0.604	0.039	30
IFG	0.598	0.033	30
Prec	0.595	0.024	30
ATL	0.565	0.031	30
aPFC	0.582	0.034	30
Ins	0.595	0.023	30
ACC	0.592	0.034	30
PCC	0.585	0.026	30
V1	0.571	0.025	30

Descriptives Plot
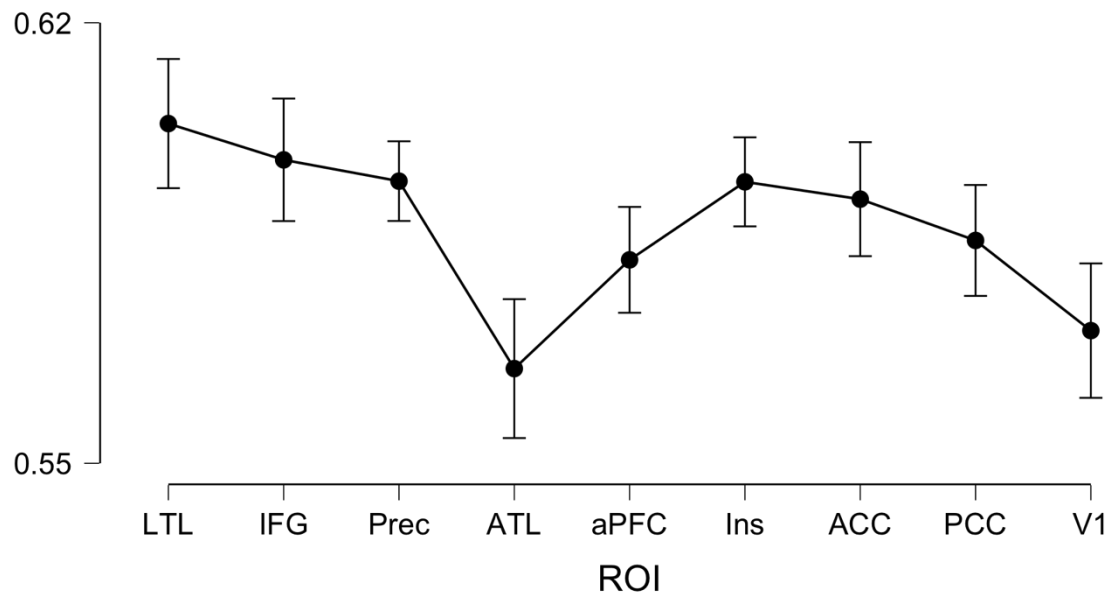
Repeated Measures ANOVA

Within Subjects Effects

	Sum of Squares	df	Mean Square	F	p
ROI	0.036	8	0.004	9.495	2.396e -11
Residual	0.109	232	4.700e -4		
Condition	0.362	1	0.362	71.839	2.439e -9
Residual	0.146	29	0.005		
ROI ∗ Condition	0.012	8	0.002	3.447	9.018e -4
Residual	0.102	232	4.397e -4		

Note. Type III Sum of Squares

Between Subjects Effects

	Sum of Squares	df	Mean Square	F	p
Residual	0.109	29	0.004		

Note. Type III Sum of Squares

Descriptives

Descriptives Plot