

Results

Repeated Measures ANOVA

Within Subjects Effects

	Sphericity Correction	Sum of Squares	df	Mean Square	F	p	η^2_p	ω^2
ROI	Greenhouse-Geisser	0.240 ^a	4.701 ^a	0.051 ^a	30.888 ^a	3.607e-20 ^a	0.516	0.267
Residual	Greenhouse-Geisser	0.225	136.332	0.002				

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	η^2_p	ω^2
Residual	0.392	29	0.014				

Note. Type III Sum of Squares

Post Hoc Tests

Post Hoc Comparisons - ROI

		95% CI of Mean Difference							
		Mean Difference	Lower	Upper	SE	t	Cohen's d	p holm	p bonf
ACC	ATL	0.058	0.029	0.088	0.008	7.025	1.283	3.001e -6	3.602e -6
	IFG	0.016	-0.012	0.044	0.008	2.004	0.366	0.424	1.000
	Ins	0.035	0.004	0.067	0.009	3.976	0.726	0.008	0.015
	LTL	-0.016	-0.043	0.012	0.008	-2.038	-0.372	0.424	1.000
	PCC	0.044	0.013	0.076	0.009	4.946	0.903	6.772e -4	0.001
	Prec	0.007	-0.017	0.032	0.007	1.091	0.199	0.793	1.000
	V1	0.087	0.052	0.121	0.010	8.911	1.627	2.784e -8	3.037e -8
	aPFC	0.021	-8.681e -4	0.043	0.006	3.396	0.620	0.026	0.072
ATL	IFG	-0.042	-0.075	-0.010	0.009	-4.670	-0.853	0.001	0.002
	Ins	-0.023	-0.050	0.004	0.008	-3.016	-0.551	0.061	0.190
	LTL	-0.074	-0.109	-0.039	0.010	-7.393	-1.350	1.181e -6	1.371e -6
	PCC	-0.014	-0.042	0.014	0.008	-1.756	-0.321	0.538	1.000
	Prec	-0.051	-0.079	-0.023	0.008	-6.379	-1.165	1.583e -5	2.036e -5
	V1	0.028	0.001	0.056	0.008	3.684	0.673	0.014	0.034
	aPFC	-0.037	-0.067	-0.007	0.008	-4.370	-0.798	0.003	0.005
	IFG	Ins	0.020	-0.003	0.042	0.006	3.029	0.553	0.061
LTL		-0.031	-0.055	-0.008	0.007	-4.711	-0.860	0.001	0.002
PCC		0.029	0.002	0.055	0.007	3.836	0.700	0.011	0.022
Prec		-0.008	-0.034	0.018	0.007	-1.138	-0.208	0.793	1.000
V1		0.071	0.041	0.100	0.008	8.498	1.551	7.393e -8	8.317e -8
aPFC		0.005	-0.019	0.030	0.007	0.784	0.143	0.793	1.000
Ins	LTL	-0.051	-0.083	-0.019	0.009	-5.578	-1.018	1.275e -4	1.837e -4
	PCC	0.009	-0.013	0.031	0.006	1.460	0.267	0.635	1.000
	Prec	-0.028	-0.054	-0.002	0.007	-3.811	-0.696	0.011	0.024
	V1	0.051	0.033	0.069	0.005	10.080	1.840	1.927e -9	1.982e -9
	aPFC	-0.014	-0.046	0.018	0.009	-1.571	-0.287	0.635	1.000
LTL	PCC	0.060	0.028	0.092	0.009	6.676	1.219	7.357e -6	9.133e -6
	Prec	0.023	-1.720e -4	0.047	0.007	3.509	0.641	0.021	0.054
	V1	0.102	0.065	0.140	0.011	9.699	1.771	4.470e -9	4.733e -9
	aPFC	0.037	0.010	0.063	0.008	4.917	0.898	7.022e -4	0.001

Post Hoc Comparisons - ROI

		95% CI of Mean Difference			SE	t	Cohen's d	p _{holm}	p _{bonf}
		Mean Difference	Lower	Upper					
PCC	Prec	-0.037	-0.063	-0.011	0.007	-4.978	-0.909	6.480e-4	9.720e-4
	V1	0.042	0.017	0.068	0.007	5.880	1.073	5.763e-5	7.980e-5
	aPFC	-0.023	-0.057	0.011	0.010	-2.394	-0.437	0.233	0.840
Prec	V1	0.079	0.052	0.107	0.008	10.147	1.853	1.706e-9	1.706e-9
	aPFC	0.014	-0.010	0.037	0.007	2.073	0.379	0.424	1.000
V1	aPFC	-0.065	-0.102	-0.029	0.010	-6.346	-1.159	1.671e-5	2.228e-5

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

Note. Bonferroni adjusted confidence intervals.

Descriptives

Descriptives

ROI	Mean	SD	N
LTL	0.682	0.065	30
IFG	0.651	0.048	30
Prec	0.659	0.049	30
ATL	0.608	0.047	30
aPFC	0.645	0.062	30
Ins	0.631	0.029	30
ACC	0.666	0.058	30
PCC	0.622	0.035	30
V1	0.580	0.028	30

Descriptives Plot

