

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	0.176 ^a	4.639 ^a	0.038 ^a	23.531 ^a	3.497e-16 ^a	0.448	0.218
Residual	Greenhouse-Geisser	0.217	134.535	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	0.368	29	0.013				

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	0.053	0.022	0.084	0.009	5.999	1.095	4.954e-5
	IFG	0.026	-0.006	0.058	0.009	2.907	0.531	0.102
	Ins	0.045	0.011	0.079	0.010	4.623	0.844	0.002
	LTL	-0.003	-0.030	0.024	0.008	-0.349	-0.064	1.000
	PCC	0.042	0.007	0.078	0.010	4.270	0.780	0.004
	Prec	0.012	-0.011	0.036	0.007	1.833	0.335	0.569
	V1	0.082	0.045	0.119	0.010	7.827	1.429	4.227e-7
	aPFC	0.027	0.004	0.050	0.007	4.095	0.748	0.006
ATL	IFG	-0.026	-0.061	0.008	0.010	-2.714	-0.495	0.133
	Ins	-0.008	-0.035	0.019	0.008	-1.047	-0.191	1.000
	LTL	-0.055	-0.089	-0.022	0.010	-5.817	-1.062	7.634e-5
	PCC	-0.010	-0.040	0.019	0.008	-1.233	-0.225	1.000
	Prec	-0.040	-0.068	-0.013	0.008	-5.166	-0.943	3.998e-4
	V1	0.029	0.002	0.056	0.008	3.798	0.693	0.012
	aPFC	-0.026	-0.053	0.001	0.008	-3.392	-0.619	0.032
	IFG	0.018	-0.004	0.041	0.006	2.915	0.532	0.102
IFG	LTL	-0.029	-0.051	-0.007	0.006	-4.666	-0.852	0.002
	PCC	0.016	-0.009	0.042	0.007	2.238	0.409	0.330
	Prec	-0.014	-0.041	0.012	0.007	-1.873	-0.342	0.569
	V1	0.056	0.027	0.084	0.008	6.926	1.264	4.168e-6
	aPFC	4.484e-4	-0.025	0.026	0.007	0.063	0.011	1.000
	LTL	-0.047	-0.077	-0.018	0.008	-5.657	-1.033	1.066e-4
	PCC	-0.002	-0.025	0.021	0.007	-0.359	-0.066	1.000
	Prec	-0.032	-0.059	-0.006	0.008	-4.329	-0.790	0.003
Ins	V1	0.037	0.018	0.056	0.005	7.036	1.285	3.212e-6
	aPFC	-0.018	-0.047	0.011	0.008	-2.173	-0.397	0.343
	LTL	0.045	0.017	0.073	0.008	5.759	1.051	8.666e-5
	Prec	0.015	-0.003	0.033	0.005	2.877	0.525	0.102
LTL	V1	0.085	0.053	0.116	0.009	9.504	1.735	7.438e-9
	aPFC	0.029	0.004	0.055	0.007	4.125	0.753	0.005

Post Hoc Comparisons - ROI

		95% CI of Mean Difference			SE	t	Cohen's d	p _{holm}	p _{bonf}
		Mean Difference	Lower	Upper					
PCC	Prec	-0.030	-0.054	-0.007	0.007	-4.509	-0.823	0.002	0.004
	V1	0.039	0.016	0.063	0.007	5.971	1.090	5.178e-5	6.213e-5
	aPFC	-0.016	-0.047	0.016	0.009	-1.744	-0.318	0.569	1.000
Prec	V1	0.070	0.043	0.096	0.008	9.170	1.674	1.590e-8	1.635e-8
	aPFC	0.014	-0.008	0.036	0.006	2.327	0.425	0.298	0.977
V1	aPFC	-0.055	-0.089	-0.021	0.010	-5.744	-1.049	8.707e-5	1.161e-4

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

Note. Bonferroni adjusted confidence intervals.

Descriptives

Descriptives

ROI	Mean	SD	N
LTL	0.606	0.057	30
IFG	0.577	0.050	30
Prec	0.591	0.047	30
ATL	0.551	0.045	30
aPFC	0.577	0.058	30
Ins	0.559	0.032	30
ACC	0.603	0.061	30
PCC	0.561	0.036	30
V1	0.521	0.029	30

Descriptives Plot

