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]	< .001[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

		Mean Difference	95% CI of Mean Difference Lower	Upper	SE	t	Cohen's d	p holm	p bonf
ACC	ATL	0.053	0.022	0.084	0.009	5.999	1.095	< .001	< .001
	IFG	0.026	-0.006	0.058	0.009	2.907	0.531	0.102	0.250
	Ins	0.045	0.011	0.079	0.010	4.623	0.844	0.002	0.003
	LTL	-0.003	-0.030	0.024	0.008	-0.349	-0.064	1.000	1.000
	PCC	0.042	0.007	0.078	0.010	4.270	0.780	0.004	0.007
	Prec	0.012	-0.011	0.036	0.007	1.833	0.335	0.569	1.000
	V1	0.082	0.045	0.119	0.010	7.827	1.429	< .001	< .001
	aPFC	0.027	0.004	0.050	0.007	4.095	0.748	0.006	0.011
ATL	IFG	-0.026	-0.061	0.008	0.010	-2.714	-0.495	0.133	0.399
	Ins	-0.008	-0.035	0.019	0.008	-1.047	-0.191	1.000	1.000
	LTL	-0.055	-0.089	-0.022	0.010	-5.817	-1.062	< .001	< .001
	PCC	-0.010	-0.040	0.019	0.008	-1.233	-0.225	1.000	1.000
	Prec	-0.040	-0.068	-0.013	0.008	-5.166	-0.943	< .001	< .001
	V1	0.029	0.002	0.056	0.008	3.798	0.693	0.012	0.025
	aPFC	-0.026	-0.053	0.001	0.008	-3.392	-0.619	0.032	0.073
IFG	Ins	0.018	-0.004	0.041	0.006	2.915	0.532	0.102	0.244
	LTL	-0.029	-0.051	-0.007	0.006	-4.666	-0.852	0.002	0.002
	PCC	0.016	-0.009	0.042	0.007	2.238	0.409	0.330	1.000
	Prec	-0.014	-0.041	0.012	0.007	-1.873	-0.342	0.569	1.000
	V1	0.056	0.027	0.084	0.008	6.926	1.264	< .001	< .001
	aPFC	4.484e -4	-0.025	0.026	0.007	0.063	0.011	1.000	1.000
Ins	LTL	-0.047	-0.077	-0.018	0.008	-5.657	-1.033	< .001	< .001
	PCC	-0.002	-0.025	0.021	0.007	-0.359	-0.066	1.000	1.000
	Prec	-0.032	-0.059	-0.006	0.008	-4.329	-0.790	0.003	0.006
	V1	0.037	0.018	0.056	0.005	7.036	1.285	< .001	< .001
	aPFC	-0.018	-0.047	0.011	0.008	-2.173	-0.397	0.343	1.000
LTL	PCC	0.045	0.017	0.073	0.008	5.759	1.051	< .001	< .001
	Prec	0.015	-0.003	0.033	0.005	2.877	0.525	0.102	0.269
	V1	0.085	0.053	0.116	0.009	9.504	1.735	< .001	< .001
	aPFC	0.029	0.004	0.055	0.007	4.125	0.753	0.005	0.010

Post Hoc Comparisons - ROI

		Mean Difference	95% CI of Mean Difference		SE	t	Cohen's d	p holm	p bonf
			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	< .001	< .001
	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	< .001	< .001
	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	< .001	< .001

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