

Results

Repeated Measures ANOVA

Within Subjects Effects

	Sphericity Correction	Sum of Squares	df	Mean Square	F	p	η^2	η^2_p
Region of interest	Greenhouse-Geisser	0.187 ^a	4.314 ^a	0.043 ^a	28.66 ^a	< .001 ^a	0.497	0.497
Residual	Greenhouse-Geisser	0.190	125.111	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	η^2_p
Residual	0.390	29	0.013				

Note. Type III Sum of Squares

Post Hoc Tests

Post Hoc Comparisons - Region of interest

		Mean Difference	SE	t	p _{bonf}	p _{holm}
LITG	IFG	0.030	0.007	4.476	0.004	0.002
	PREC	0.029	0.006	4.606	0.003	0.002
	ATL	0.074	0.010	7.746	< .001	< .001
	APFC	0.051	0.006	8.075	< .001	< .001
	AI	0.053	0.008	6.589	< .001	< .001
	ACC	0.038	0.007	5.245	< .001	< .001
	PCC	0.064	0.010	6.558	< .001	< .001
	V1	0.095	0.010	9.369	< .001	< .001
IFG	PREC	-8.036e -4	0.006	-0.134	1.000	1.000
	ATL	0.044	0.007	5.894	< .001	< .001
	APFC	0.021	0.007	3.120	0.147	0.049
	AI	0.023	0.005	4.669	0.002	0.001
	ACC	0.008	0.006	1.359	1.000	0.674
	PCC	0.033	0.007	4.975	< .001	< .001
	V1	0.065	0.009	7.299	< .001	< .001
PREC	ATL	0.045	0.008	5.507	< .001	< .001
	APFC	0.021	0.006	3.700	0.032	0.013
	AI	0.024	0.007	3.572	0.045	0.018
	ACC	0.009	0.005	1.638	1.000	0.674
	PCC	0.034	0.007	4.971	< .001	< .001
	V1	0.066	0.008	7.920	< .001	< .001
ATL	APFC	-0.024	0.008	-2.937	0.231	0.071
	AI	-0.021	0.007	-3.255	0.104	0.037
	ACC	-0.036	0.008	-4.311	0.006	0.003

Post Hoc Comparisons - Region of interest

		Mean Difference	SE	t	p _{bonf}	p _{holm}
	PCC	-0.011	0.007	-1.619	1.000	0.674
	V1	0.021	0.007	2.918	0.242	0.071
APFC	AI	0.002	0.008	0.293	1.000	1.000
	ACC	-0.013	0.006	-2.051	1.000	0.346
	PCC	0.013	0.008	1.515	1.000	0.674
	V1	0.044	0.010	4.402	0.005	0.003
AI	ACC	-0.015	0.006	-2.292	1.000	0.264
	PCC	0.011	0.005	2.115	1.000	0.345
	V1	0.042	0.006	7.192	< .001	< .001
ACC	PCC	0.025	0.006	4.143	0.010	0.004
	V1	0.057	0.009	6.084	< .001	< .001
PCC	V1	0.032	0.007	4.246	0.007	0.003

Descriptives

Descriptives

Region of interest	Mean	SD	N
LITG	0.466	0.067	30
IFG	0.436	0.051	30
PREC	0.436	0.049	30
ATL	0.392	0.039	30
APFC	0.415	0.059	30
AI	0.413	0.034	30
ACC	0.428	0.052	30
PCC	0.402	0.030	30
V1	0.371	0.030	30

Descriptives Plot

