Results

Repeated Measures ANOVA

Within Subjects Effects

	Sphericity Correction	Sum of Squares	df	Mean Square	F	p	ω²
ROI	Greenhouse-Geisser	0.174 [a]	5.468 [a]	0.032 [a]	24.366 [a]	< .001 [a]	0.314
Residual	Greenhouse-Geisser	0.207	158.571	0.001			
Class	Greenhouse-Geisser	0.046	1.000	0.046	3.642	0.066	0.059
Residual	Greenhouse-Geisser	0.365	29.000	0.013			
ROI ✳ Class	Greenhouse-Geisser	0.049 [a]	5.066 [a]	0.010 [a]	7.429 [a]	< .001 [a]	0.108
Residual	Greenhouse-Geisser	0.190	146.928	0.001			

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	ω²
Residual	0.146	29	0.005			

Note. Type III Sum of Squares

Post Hoc Tests

Post Hoc Comparisons - ROI

		Mean Difference	SE	t	Cohen's d	p bonf	p holm
LTL	IFG	0.017	0.005	3.693	0.674	0.041	0.020
	Prec	0.012	0.004	3.153	0.576	0.168	0.064
	ATL	0.047	0.007	7.138	1.303	< .001	< .001
	aPFC	0.026	0.005	4.822	0.880	0.002	0.001
	Ins	0.028	0.004	6.325	1.155	< .001	< .001
	ACC	0.007	0.005	1.449	0.265	1.000	1.000
	PCC	0.032	0.005	6.510	1.189	< .001	< .001
	V1	0.059	0.005	11.062	2.020	< .001	< .001
	PM	0.033	0.006	5.384	0.983	< .001	< .001
IFG	Prec	-0.005	0.005	-1.026	-0.187	1.000	1.000
	ATL	0.030	0.006	4.786	0.874	0.002	0.001
	aPFC	0.008	0.005	1.648	0.301	1.000	1.000

Post Hoc Comparisons - ROI

		Mean Difference	SE	t	Cohen's d	p_{bonf}	p_{holm}
	Ins	0.011	0.004	2.926	0.534	0.297	0.099
	ACC	-0.010	0.006	-1.615	-0.295	1.000	1.000
	PCC	0.014	0.004	3.872	0.707	0.025	0.014
	V1	0.041	0.005	8.712	1.591	< .001	< .001
	PM	0.015	0.004	3.587	0.655	0.055	0.025
Prec	ATL	0.035	0.005	6.451	1.178	< .001	< .001
	aPFC	0.013	0.004	3.118	0.569	0.184	0.065
	Ins	0.016	0.005	3.404	0.621	0.088	0.037
	ACC	-0.005	0.004	-1.192	-0.218	1.000	1.000
	PCC	0.020	0.005	4.032	0.736	0.017	0.010
	V1	0.047	0.005	9.565	1.746	< .001	< .001
	PM	0.021	0.006	3.301	0.603	0.115	0.046
ATL	aPFC	-0.022	0.005	-4.127	-0.754	0.013	0.008
	Ins	-0.019	0.005	-3.521	-0.643	0.065	0.029
	ACC	-0.040	0.007	-5.999	-1.095	< .001	< .001
	PCC	-0.015	0.006	-2.761	-0.504	0.445	0.138
	V1	0.012	0.005	2.354	0.430	1.000	0.333
	PM	-0.014	0.006	-2.302	-0.420	1.000	0.344
aPFC	Ins	0.003	0.004	0.633	0.116	1.000	1.000
	ACC	-0.018	0.005	-3.837	-0.701	0.028	0.015
	PCC	0.006	0.005	1.226	0.224	1.000	1.000
	V1	0.033	0.006	5.745	1.049	< .001	< .001
	PM	0.007	0.006	1.258	0.230	1.000	1.000
Ins	ACC	-0.021	0.006	-3.787	-0.691	0.032	0.016
	PCC	0.003	0.004	0.884	0.161	1.000	1.000
	V1	0.030	0.003	9.127	1.666	< .001	< .001
	PM	0.004	0.003	1.277	0.233	1.000	1.000
ACC	PCC	0.025	0.006	4.157	0.759	0.012	0.008
	V1	0.051	0.006	8.235	1.503	< .001	< .001
	PM	0.025	0.006	4.024	0.735	0.017	0.010
PCC	V1	0.027	0.004	6.290	1.148	< .001	< .001
	PM	8.625e-4	0.005	0.186	0.034	1.000	1.000
V1	PM	-0.026	0.005	-5.420	-0.990	< .001	< .001

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

Post Hoc Comparisons - Class

	Mean Difference	SE	t	Cohen's d	p_{bonf}	p_{holm}
Affect Likableness	0.017	0.009	1.909	0.348	0.066	0.066

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

Descriptives

Descriptives

ROI	Class	Mean	SD	N
LTL	Affect	0.604	0.039	30
	Likableness	0.606	0.057	30
IFG	Affect	0.598	0.033	30
	Likableness	0.577	0.050	30
Prec	Affect	0.595	0.024	30
	Likableness	0.591	0.047	30
ATL	Affect	0.565	0.031	30
	Likableness	0.551	0.045	30
aPFC	Affect	0.582	0.034	30
	Likableness	0.577	0.058	30
Ins	Affect	0.595	0.023	30
	Likableness	0.559	0.032	30
ACC	Affect	0.592	0.034	30
	Likableness	0.603	0.061	30
PCC	Affect	0.585	0.026	30
	Likableness	0.561	0.036	30
V1	Affect	0.571	0.025	30
	Likableness	0.521	0.029	30
PM	Affect	0.589	0.037	30
	Likableness	0.556	0.039	30

Descriptives Plot