

# Results

## Repeated Measures ANOVA

Within Subjects Effects									
	Sphericity Correction	Sum of Squares	df	Mean Square	F	p	$\eta^2$	$\eta^2_p$	$\omega^2$
ROI	Greenhouse-Geisser	0.580 <sup>a</sup>	6.039 <sup>a</sup>	0.096 <sup>a</sup>	53.890 <sup>a</sup>	< .001 <sup>a</sup>	0.650	0.650	0.511
Residual	Greenhouse-Geisser	0.312	175.125	0.002					
CLASS	Greenhouse-Geisser	0.043	1.000	0.043	2.563	0.120	0.081	0.081	0.035
Residual	Greenhouse-Geisser	0.486	29.000	0.017					
ROI * CLASS	Greenhouse-Geisser	0.026 <sup>a</sup>	5.577 <sup>a</sup>	0.005 <sup>a</sup>	2.512 <sup>a</sup>	0.027 <sup>a</sup>	0.080	0.080	0.029
Residual	Greenhouse-Geisser	0.300	161.738	0.002					

Note. Type III Sum of Squares

<sup>a</sup> 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	$\eta^2$	$\eta^2_p$	$\omega^2$	
Residual	0.215	29	0.007						

Note. Type III Sum of Squares

## Assumption Checks

Test of Sphericity				
	Mauchly's W	p	Greenhouse-Geisser $\epsilon$	Huynh-Feldt $\epsilon$
ROI	0.062	0.006	0.671	0.867
CLASS	1.000 <sup>a</sup>	NaN <sup>a</sup>	1.000 <sup>a</sup>	1.000 <sup>a</sup>
ROI * CLASS	0.028	< .001	0.620	0.784

<sup>a</sup> Singular error SSP matrix: The repeated measure has only two levels, or more levels than observations. When the repeated measure has two levels, the assumption of sphericity is always met.

## Post Hoc Tests

Post Hoc Comparisons - ROI								
	Mean Difference	SE	t	Cohen's d	p <sub>bonf</sub>	p <sub>holm</sub>		
LTL IFG	0.022	0.006	3.358	0.613	0.100	0.031		
Prec	-0.005	0.005	-0.934	-0.170	1.000	1.000		
ATL	0.087	0.008	11.223	2.049	< .001	< .001		
aPFC	0.050	0.007	7.187	1.312	< .001	< .001		
Ins	0.002	0.006	0.389	0.071	1.000	1.000		

### Post Hoc Comparisons - ROI

		Mean Difference	SE	t	Cohen's d	p <sub>bonf</sub>	p <sub>holm</sub>
	ACC	0.012	0.005	2.238	0.409	1.000	0.330
	PCC	0.038	0.007	5.192	0.948	<.001	<.001
	V1	0.080	0.007	11.589	2.116	<.001	<.001
	PM	0.019	0.008	2.477	0.452	0.870	0.213
IFG	Prec	-0.027	0.005	-5.297	-0.967	<.001	<.001
	ATL	0.065	0.008	8.626	1.575	<.001	<.001
	aPFC	0.028	0.007	4.147	0.757	0.012	0.005
	Ins	-0.020	0.004	-4.483	-0.819	0.005	0.002
	ACC	-0.010	0.006	-1.635	-0.298	1.000	0.903
	PCC	0.017	0.005	3.040	0.555	0.224	0.060
	V1	0.058	0.006	10.299	1.880	<.001	<.001
	PM	-0.003	0.005	-0.564	-0.103	1.000	1.000
Prec	ATL	0.092	0.006	14.905	2.721	<.001	<.001
	aPFC	0.055	0.006	8.677	1.584	<.001	<.001
	Ins	0.007	0.005	1.577	0.288	1.000	0.903
	ACC	0.017	0.004	4.639	0.847	0.003	0.002
	PCC	0.044	0.006	7.458	1.362	<.001	<.001
	V1	0.085	0.006	13.614	2.486	<.001	<.001
	PM	0.024	0.006	4.107	0.750	0.013	0.005
ATL	aPFC	-0.037	0.007	-5.532	-1.010	<.001	<.001
	Ins	-0.085	0.007	-12.057	-2.201	<.001	<.001
	ACC	-0.075	0.007	-10.750	-1.963	<.001	<.001
	PCC	-0.049	0.007	-6.771	-1.236	<.001	<.001
	V1	-0.007	0.006	-1.194	-0.218	1.000	1.000
	PM	-0.068	0.007	-9.083	-1.658	<.001	<.001
aPFC	Ins	-0.048	0.006	-7.698	-1.406	<.001	<.001
	ACC	-0.038	0.007	-5.661	-1.033	<.001	<.001
	PCC	-0.011	0.008	-1.400	-0.256	1.000	1.000
	V1	0.030	0.008	3.895	0.711	0.024	0.009
	PM	-0.031	0.007	-4.194	-0.766	0.011	0.005
Ins	ACC	0.010	0.005	2.043	0.373	1.000	0.452
	PCC	0.036	0.006	5.955	1.087	<.001	<.001
	V1	0.078	0.005	15.324	2.798	<.001	<.001
	PM	0.017	0.004	4.045	0.738	0.016	0.006
ACC	PCC	0.027	0.007	3.701	0.676	0.040	0.013
	V1	0.068	0.007	10.113	1.846	<.001	<.001
	PM	0.007	0.006	1.185	0.216	1.000	1.000
PCC	V1	0.042	0.007	6.330	1.156	<.001	<.001
	PM	-0.019	0.006	-3.138	-0.573	0.175	0.051
V1	PM	-0.061	0.005	-11.110	-2.028	<.001	<.001

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

### Post Hoc Comparisons - CLASS

	Mean Difference	SE	t	Cohen's d	p <sub>bonf</sub>	p <sub>holm</sub>
Affect Likableness	-0.017	0.011	-1.601	-0.292	0.120	0.120

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

Descriptives

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ROI	CLASS	Mean	SD	N
LTL	Affect	0.700	0.048	30
	Likableness	0.729	0.070	30
IFG	Affect	0.684	0.037	30
	Likableness	0.701	0.051	30
Prec	Affect	0.706	0.030	30
	Likableness	0.733	0.051	30
ATL	Affect	0.618	0.043	30
	Likableness	0.637	0.053	30
aPFC	Affect	0.655	0.055	30
	Likableness	0.675	0.073	30
Ins	Affect	0.708	0.030	30
	Likableness	0.717	0.043	30
ACC	Affect	0.683	0.038	30
	Likableness	0.722	0.059	30
PCC	Affect	0.670	0.033	30
	Likableness	0.682	0.046	30
V1	Affect	0.640	0.037	30
	Likableness	0.629	0.043	30
PM	Affect	0.691	0.042	30
	Likableness	0.700	0.042	30

Descriptives Plot

