

# Results

## Paired Samples T-Test

Paired Samples T-Test

	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d	95% CI for Cohen's d	
						Lower	Upper		Lower	Upper
l_LTL_em - a_LTL_em	0.148	29	0.883	0.002	0.014	-0.027	0.031	0.027	-0.331	0.385

Note. Student's t-test.

## Assumption Checks

Test of Normality (Shapiro-Wilk)

	W	p
l_LTL_em - a_LTL_em	0.935	0.069

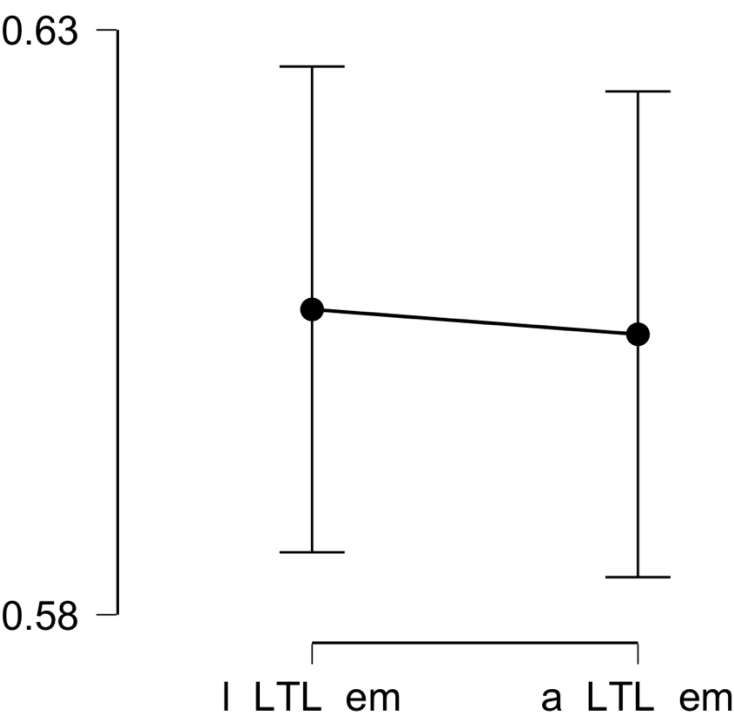
Note. Significant results suggest a deviation from normality.

## Descriptives

Descriptives

	N	Mean	SD	SE
l_LTL_em	30	0.606	0.057	0.010
a_LTL_em	30	0.604	0.039	0.007

Descriptives Plot



## Bayesian Paired Samples T-Test

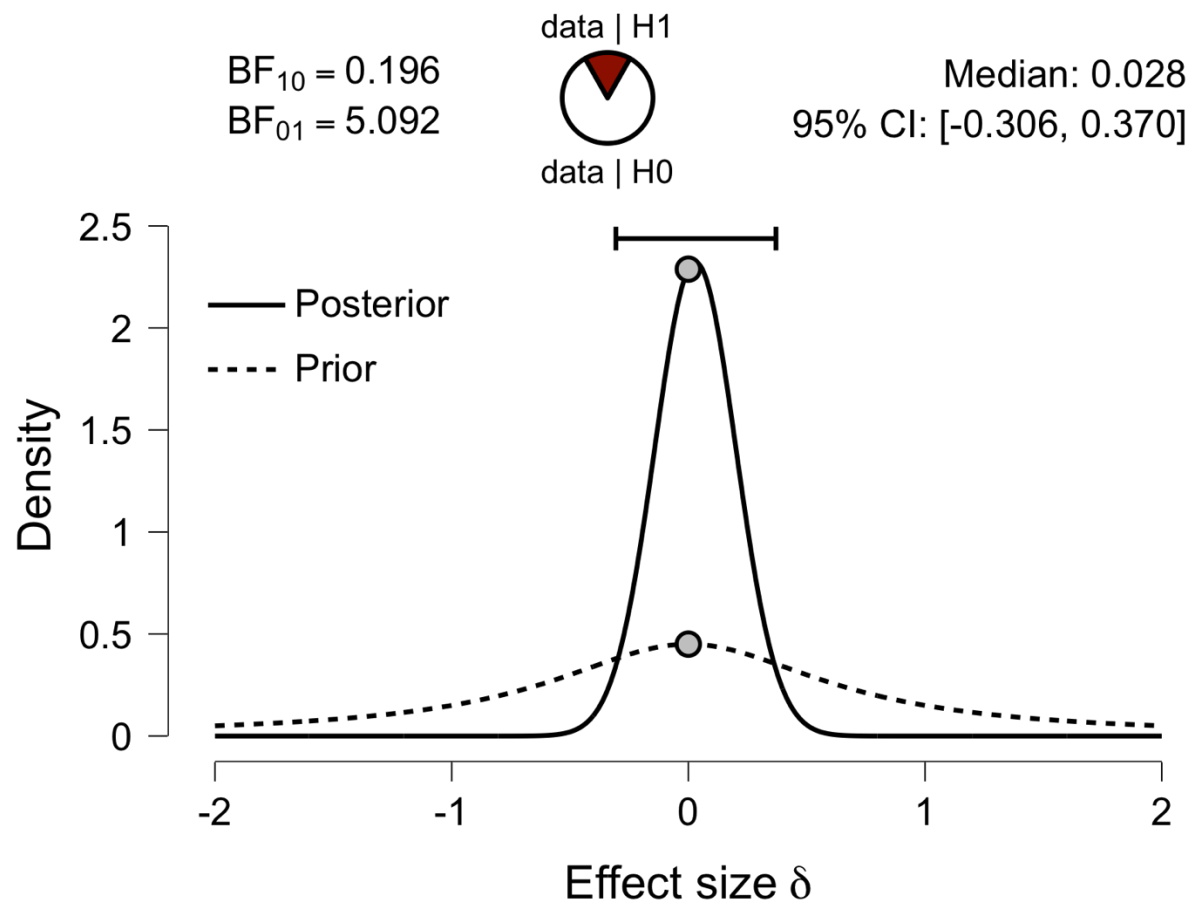
### Bayesian Paired Samples T-Test

	$BF_{10}$	error %
$l\_LTL\_em - a\_LTL\_em$	0.196	0.013

### Inferential Plots

$l\_LTL\_em - a\_LTL\_em$

Prior and Posterior



Paired Samples T-Test

Paired Samples T-Test

	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d	95% CI for Cohen's d	
						Lower	Upper		Lower	Upper
l_IFG_em - a_IFG_em	1.744	29	0.092	-0.021	0.012	-0.046	0.004	-0.318	-0.683	0.051

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

	W	p
l_IFG_em - a_IFG_em	0.953	0.208

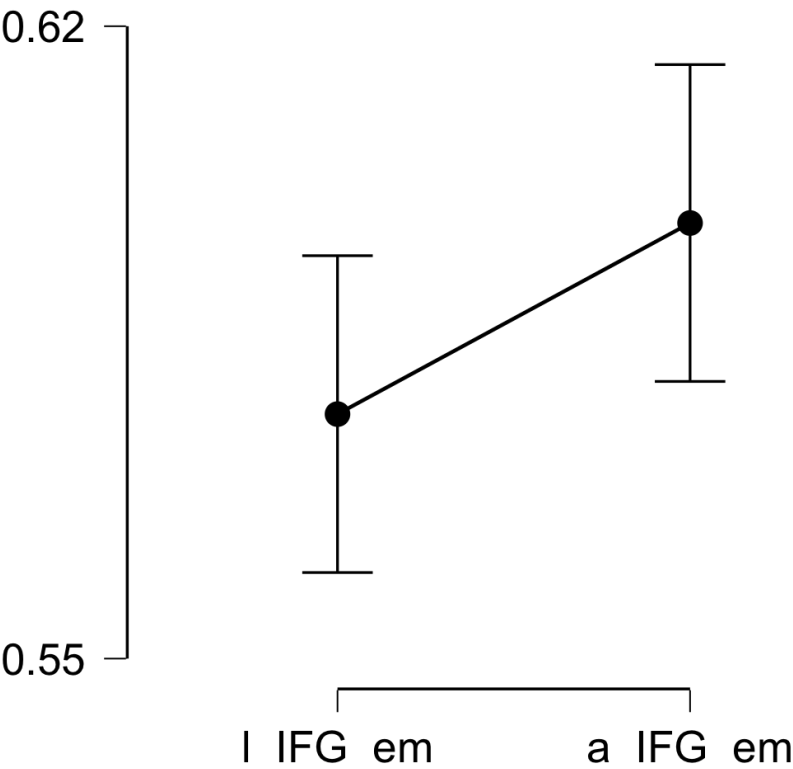
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_IFG_em	30	0.577	0.050	0.009
a_IFG_em	30	0.598	0.033	0.006

Descriptives Plot



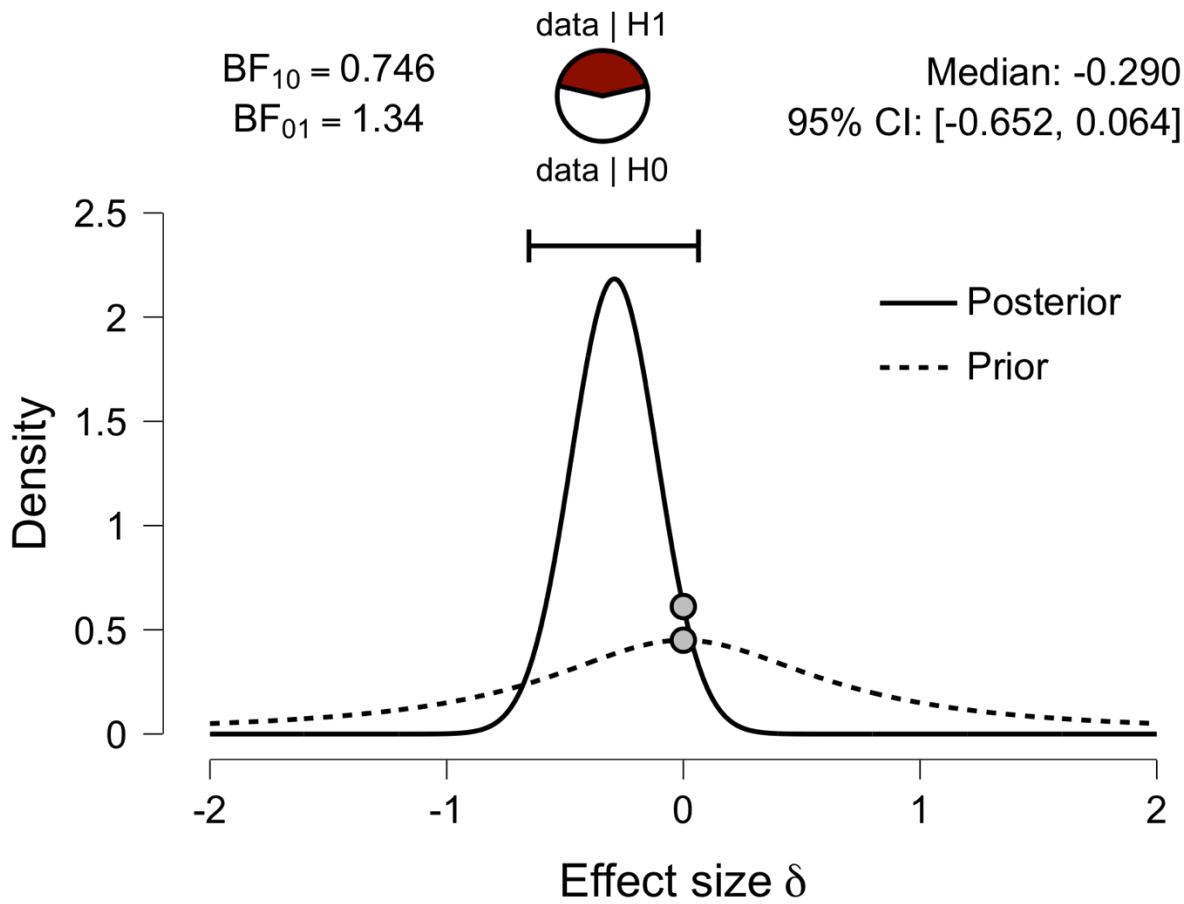
Bayesian Paired Samples T-Test

	BF <sub>10</sub>	error %
l_IFG_em - a_IFG_em	0.746	0.016

Inferential Plots

l\_IFG\_em - a\_IFG\_em

Prior and Posterior



Paired Samples T-Test

Paired Samples T-Test

	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d	95% CI for Cohen's d	
						Lower	Upper		Lower	Upper
l_Prec_em - a_Prec_em	0.354	29	0.726	-0.004	0.011	-0.025	0.018	-0.065	-0.422	0.294

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_Prec_em	- a_Prec_em	0.973	0.632

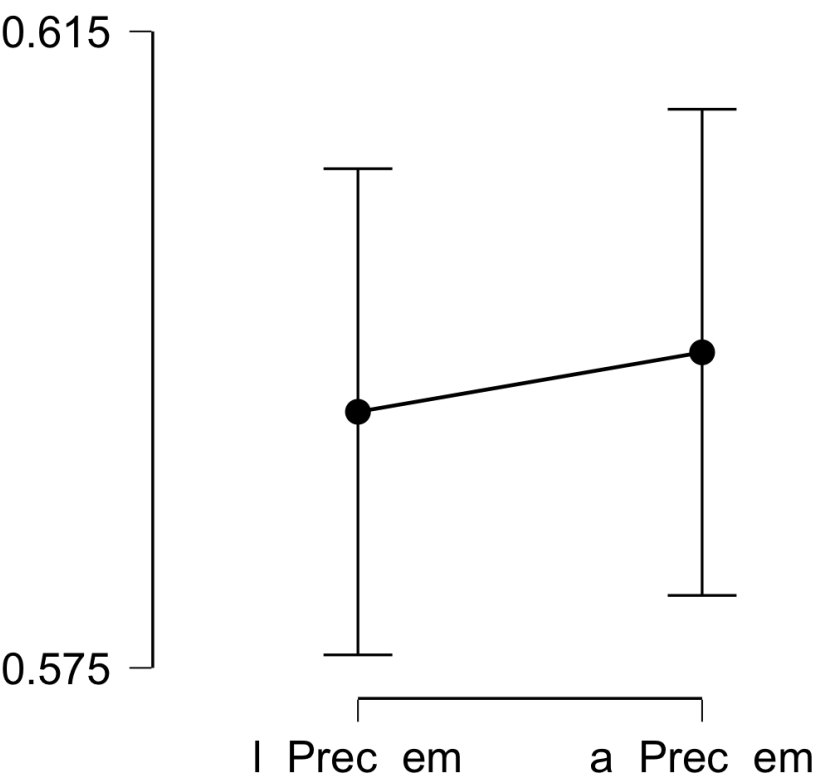
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_Prec_em	30	0.591	0.047	0.009
a_Prec_em	30	0.595	0.024	0.004

Descriptives Plot



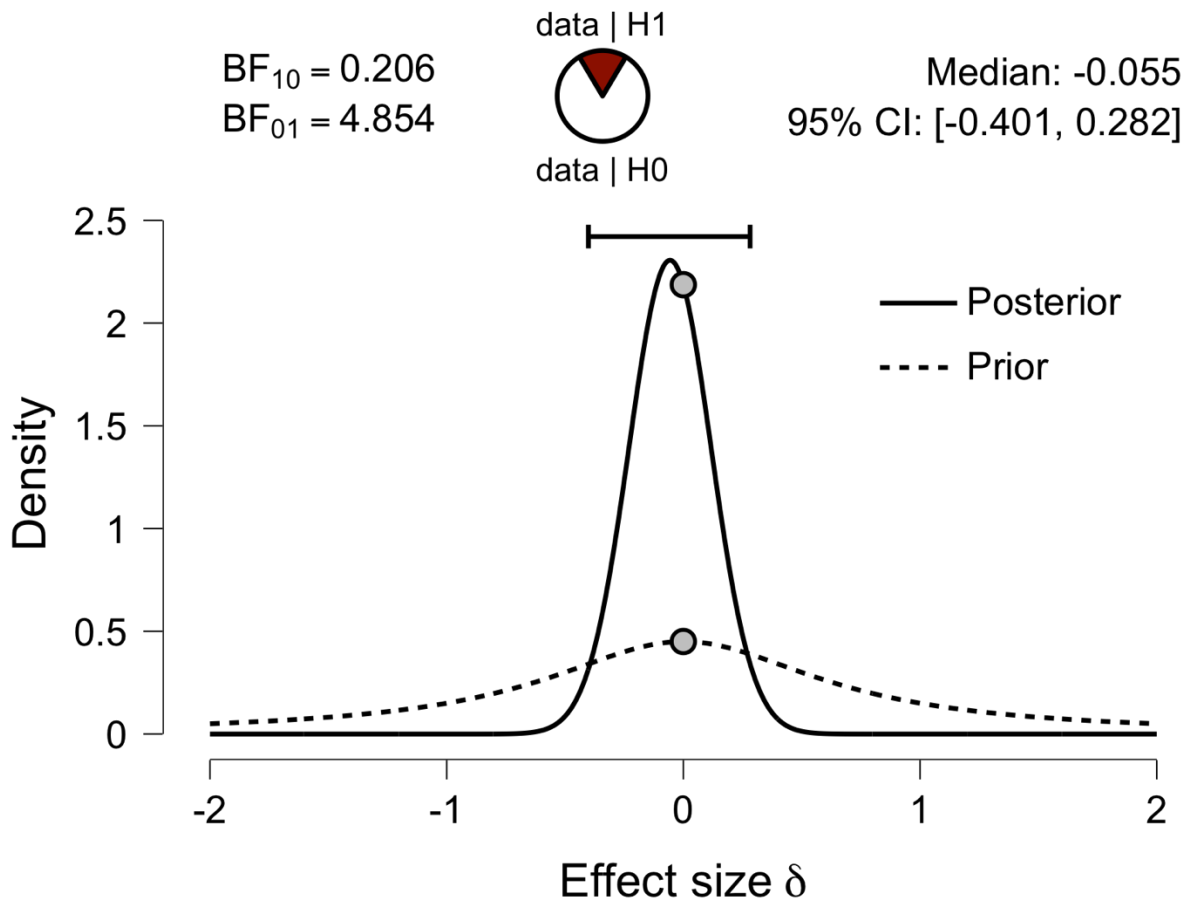
Bayesian Paired Samples T-Test

	BF <sub>10</sub>	error %
l_Prec_em - a_Prec_em	0.206	0.010

Inferential Plots

l\_Prec\_em - a\_Prec\_em

Prior and Posterior



Paired Samples T-Test

Paired Samples T-Test										
	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d	95% CI for Cohen's d	
						Lower	Upper		Lower	Upper
l_ATL_em - a_ATL_em	1.332	29	0.193	-0.014	0.011	-0.036	0.008	-0.243	-0.604	0.122

Note. Student's t-test.

Assumption Checks

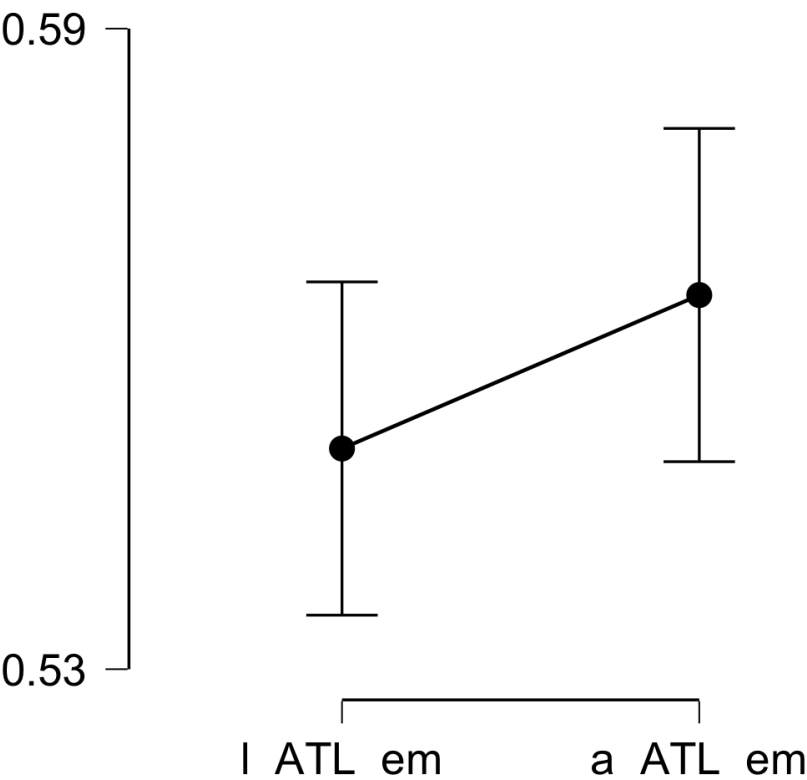
Test of Normality (Shapiro-Wilk)			
		W	p
l_ATL_em	- a_ATL_em	0.976	0.713

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_ATL_em	30	0.551	0.045	0.008
a_ATL_em	30	0.565	0.031	0.006

Descriptives Plot



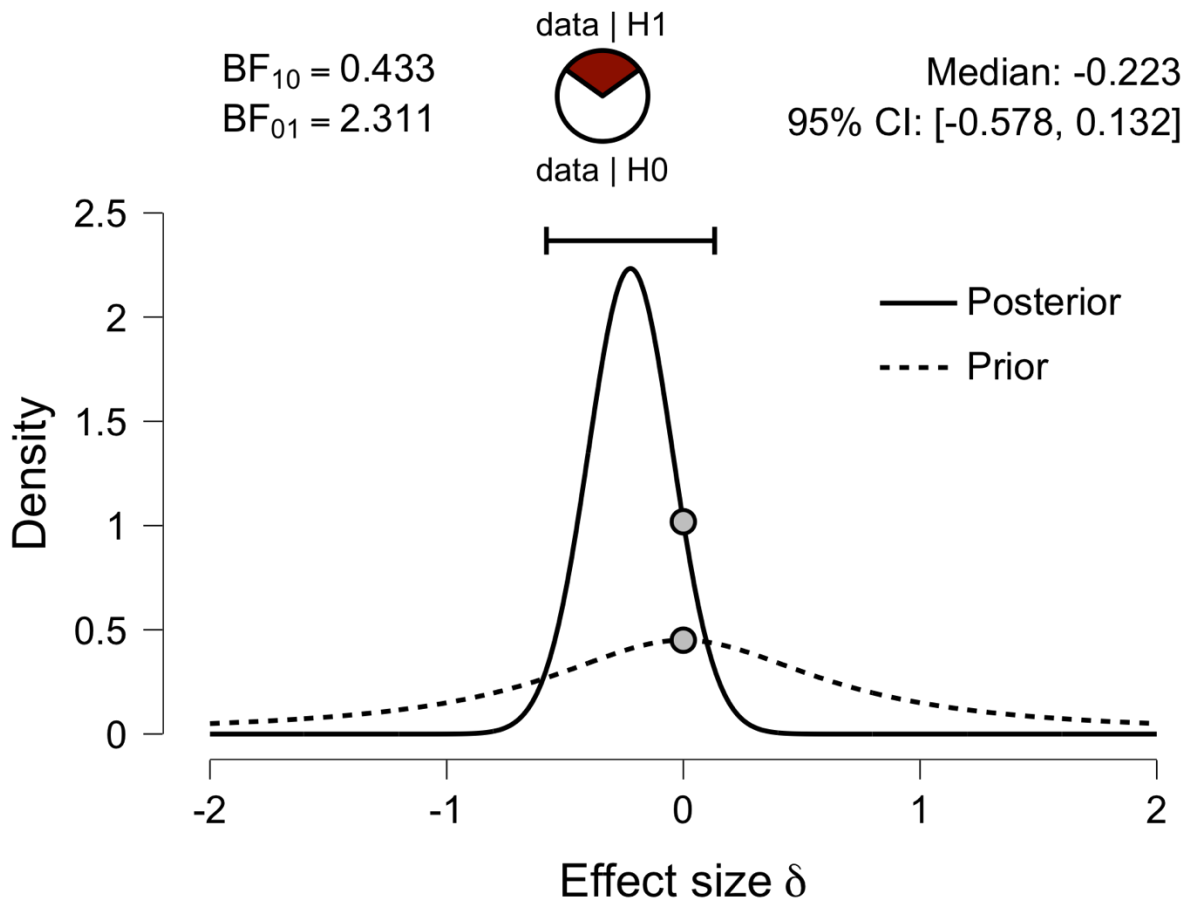
Bayesian Paired Samples T-Test

	BF <sub>10</sub>	error %
l_ATL_em - a_ATL_em	0.433	0.008

Inferential Plots

l\_ATL\_em - a\_ATL\_em

Prior and Posterior





Paired Samples T-Test

Paired Samples T-Test										
	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d	95% CI for Cohen's d	
						Lower	Upper		Lower	Upper
l_aPFC_em - a_aPFC_em	0.402	29	0.691	-0.006	0.014	-0.035	0.023	-0.073	-0.431	0.286

Note. Student's t-test.

Assumption Checks

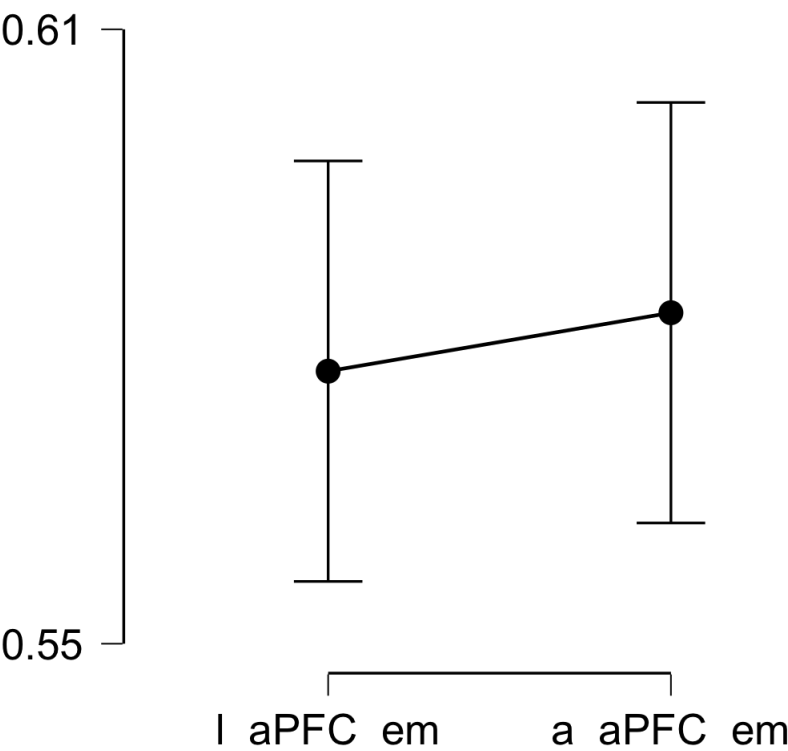
Test of Normality (Shapiro-Wilk)			
		W	p
l_aPFC_em	- a_aPFC_em	0.970	0.544

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_aPFC_em	30	0.577	0.058	0.011
a_aPFC_em	30	0.582	0.034	0.006

Descriptives Plot



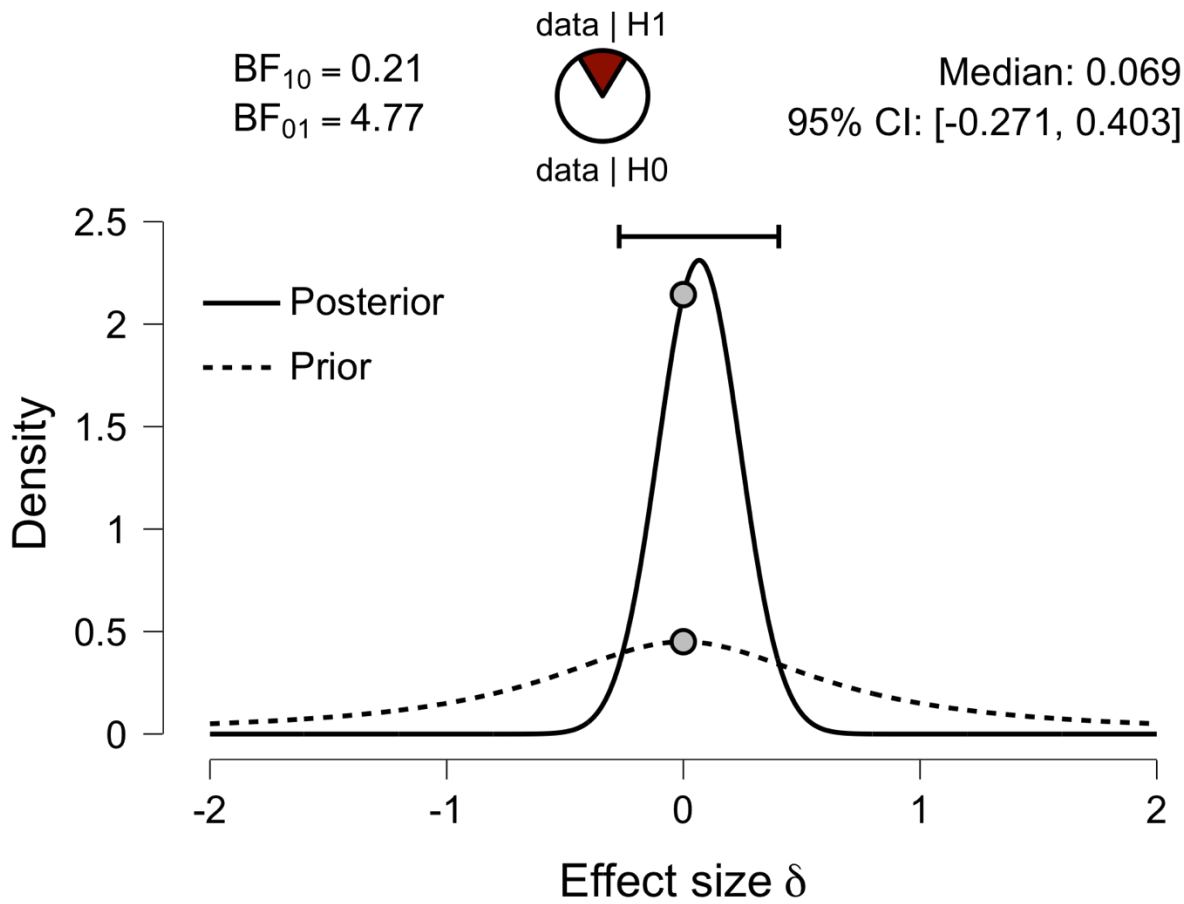
Bayesian Paired Samples T-Test

	BF <sub>10</sub>	error %
a_aPFC_em - l_aPFC_em	0.210	0.009

Inferential Plots

a\_aPFC\_em - l\_aPFC\_em

Prior and Posterior



Paired Samples T-Test

Paired Samples T-Test										
	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d	95% CI for Cohen's d	
						Lower	Upper		Lower	Upper
l_Ins_em - a_Ins_em	-4.623	29	7.215e-5	-0.036	0.008	-0.052	-0.020	-0.844	-1.257	-0.421

Note. Student's t-test.

Assumption Checks

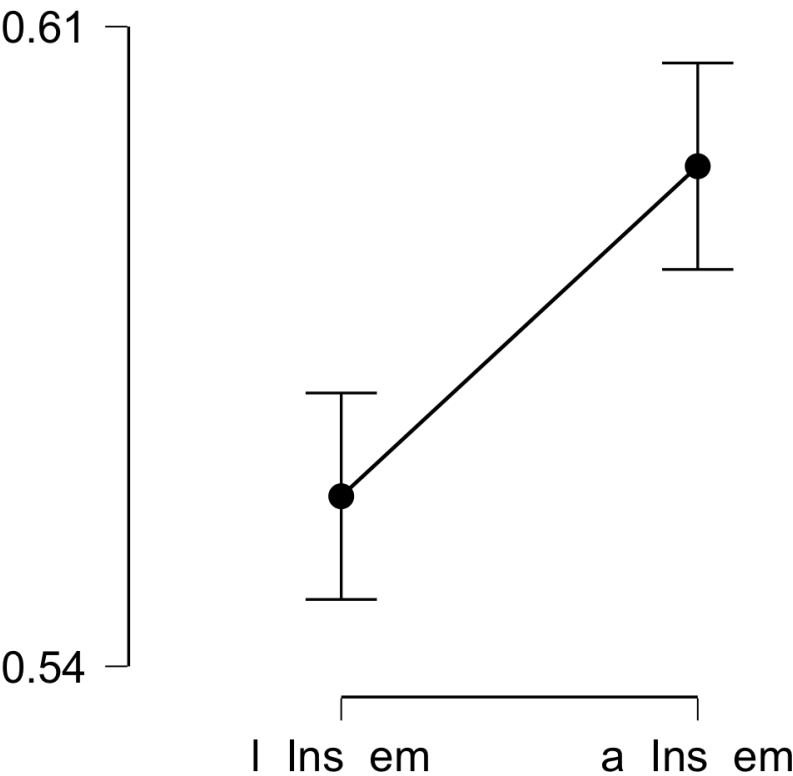
Test of Normality (Shapiro-Wilk)			
		W	p
l_Ins_em	- a_Ins_em	0.981	0.843

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_Ins_em	30	0.559	0.032	0.006
a_Ins_em	30	0.595	0.023	0.004

Descriptives Plot



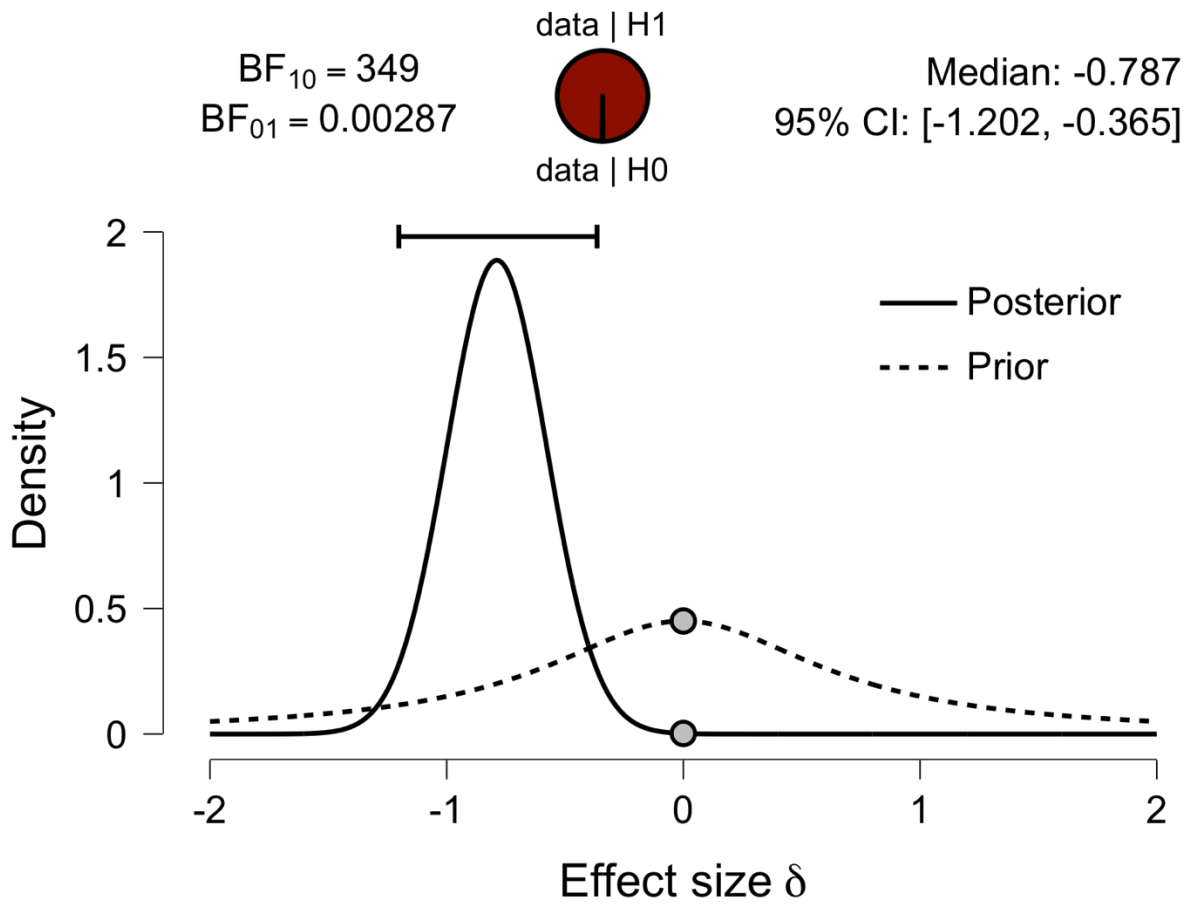
Bayesian Paired Samples T-Test

	BF <sub>10</sub>	error %
l_Ins_em - a_Ins_em	348.681	1.206e -6

Inferential Plots

l\_Ins\_em - a\_Ins\_em

Prior and Posterior



Paired Samples T-Test

Paired Samples T-Test

	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d	95% CI for Cohen's d	
						Lower	Upper		Lower	Upper
l_ACC_em - a_ACC_em	0.831	29	0.413	0.011	0.014	-0.017	0.040	0.152	-0.209	0.510

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

	W	p
l_ACC_em - a_ACC_em	0.948	0.147

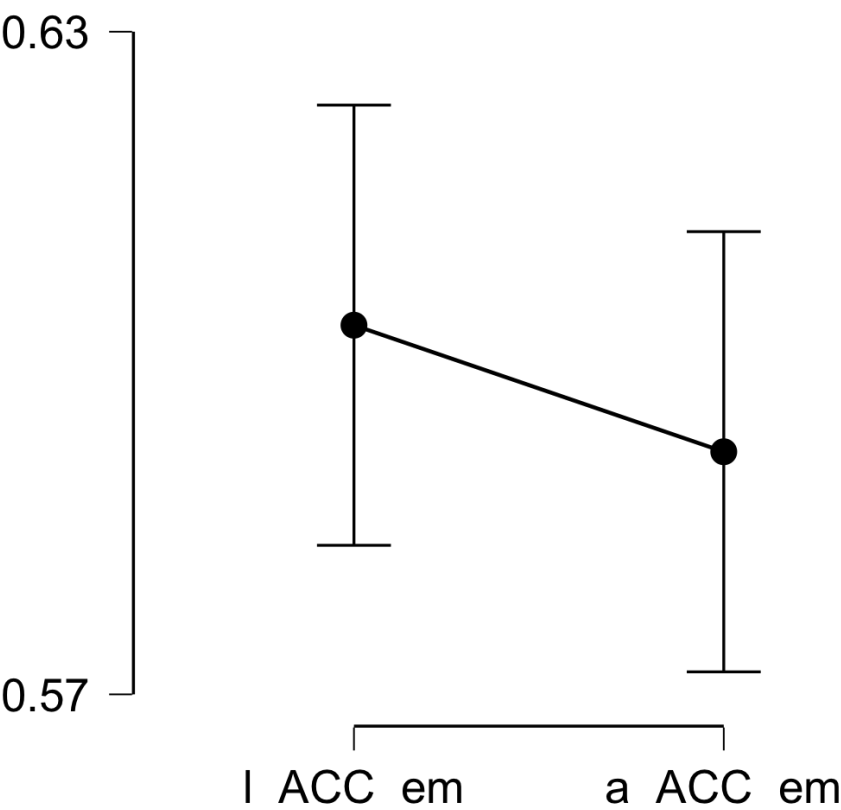
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_ACC_em	30	0.603	0.061	0.011
a_ACC_em	30	0.592	0.034	0.006

Descriptives Plot



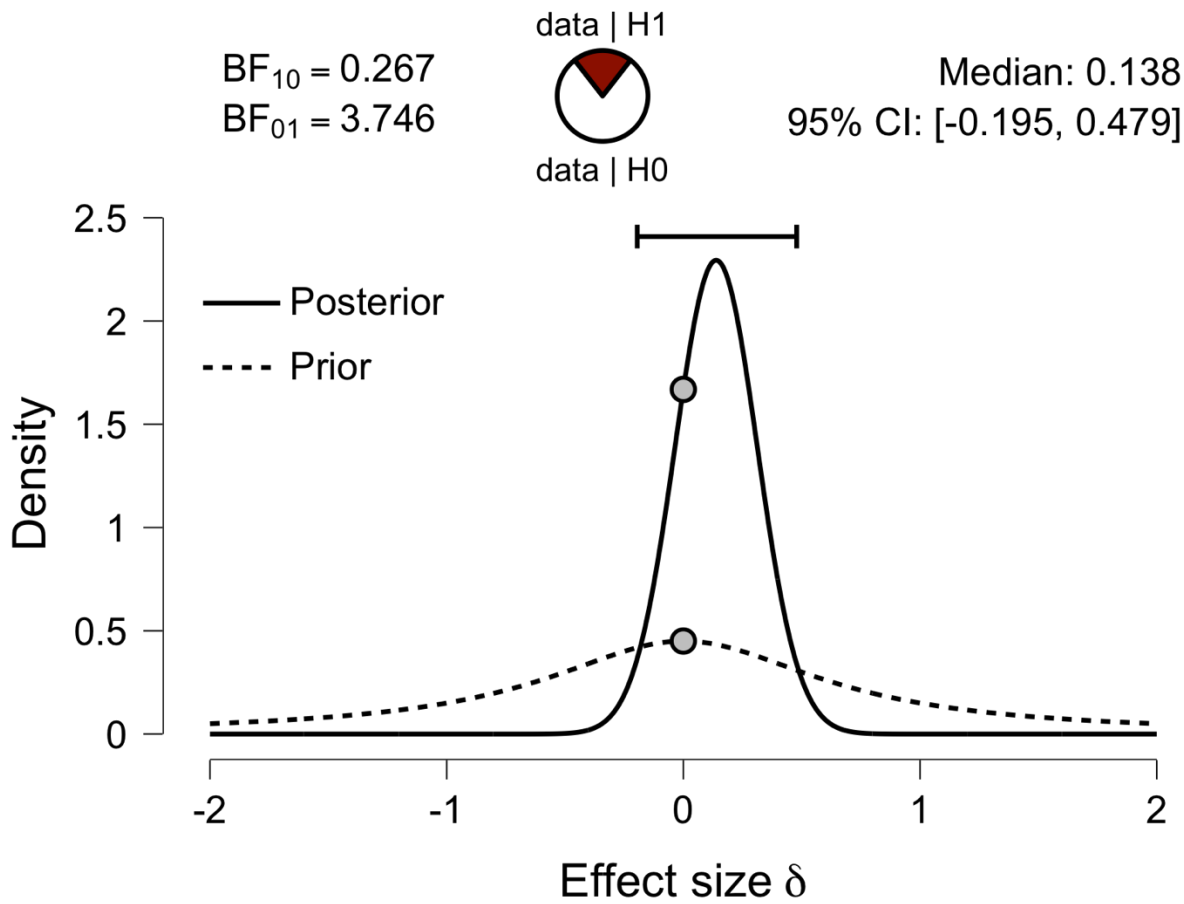
Bayesian Paired Samples T-Test

	$BF_{10}$	error %
$l\_ACC\_em - a\_ACC\_em$	0.267	$6.238e-4$

Inferential Plots

$l\_ACC\_em - a\_ACC\_em$

Prior and Posterior



Paired Samples T-Test

Paired Samples T-Test										
	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d	95% CI for Cohen's d	
						Lower	Upper		Lower	Upper
l_PCC_em - a_PCC_em	2.915	29	0.007	-0.024	0.008	-0.042	-0.007	-0.532	-0.911	-0.145

Note. Student's t-test.

Assumption Checks

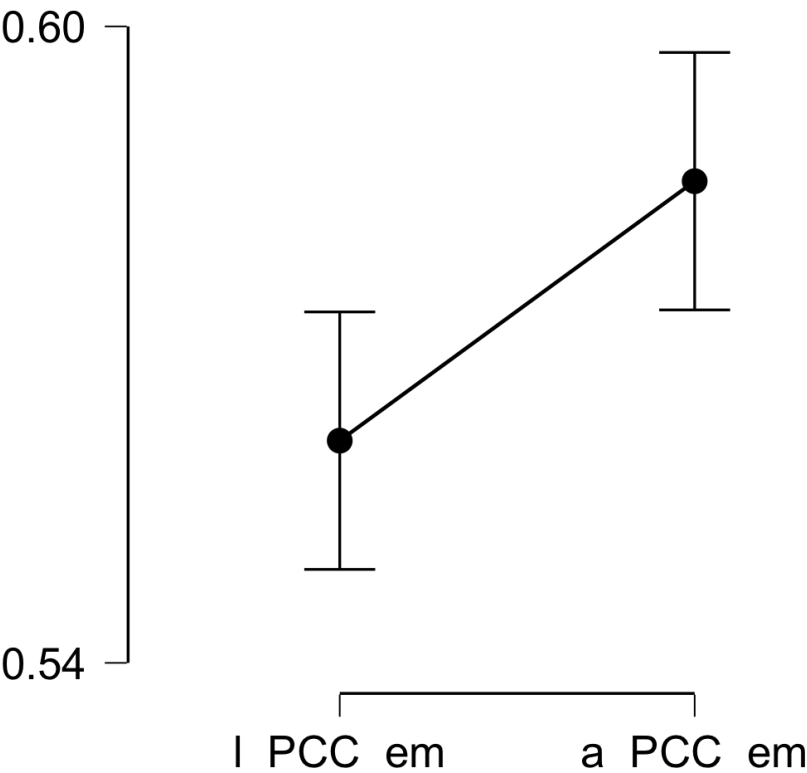
Test of Normality (Shapiro-Wilk)			
		W	p
l_PCC_em	- a_PCC_em	0.971	0.571

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_PCC_em	30	0.561	0.036	0.007
a_PCC_em	30	0.585	0.026	0.005

Descriptives Plot



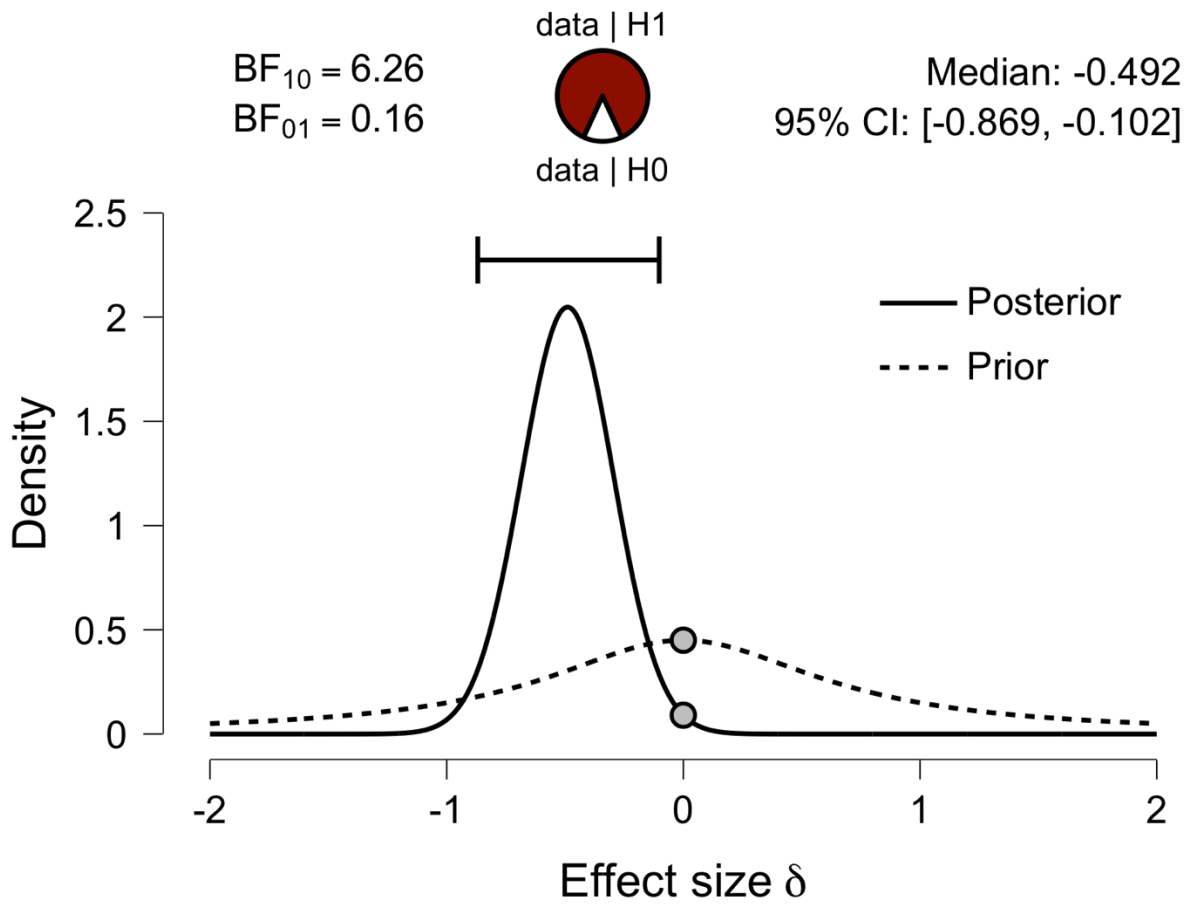
Bayesian Paired Samples T-Test

	$BF_{10}$	error %
$l\_PCC\_em - a\_PCC\_em$	6.258	$2.533e-6$

Inferential Plots

$l\_PCC\_em - a\_PCC\_em$

Prior and Posterior





Paired Samples T-Test

Paired Samples T-Test										
	t	df	p	Mean Difference	SE Difference	95% CI for Mean Difference		Cohen's d	95% CI for Cohen's d	
						Lower	Upper		Lower	Upper
l_V1_em - a_V1_em	6.310	29	6.827e-7	-0.050	0.008	-0.066	-0.034	-1.152	-1.610	-0.682

Note. Student's t-test.

Assumption Checks

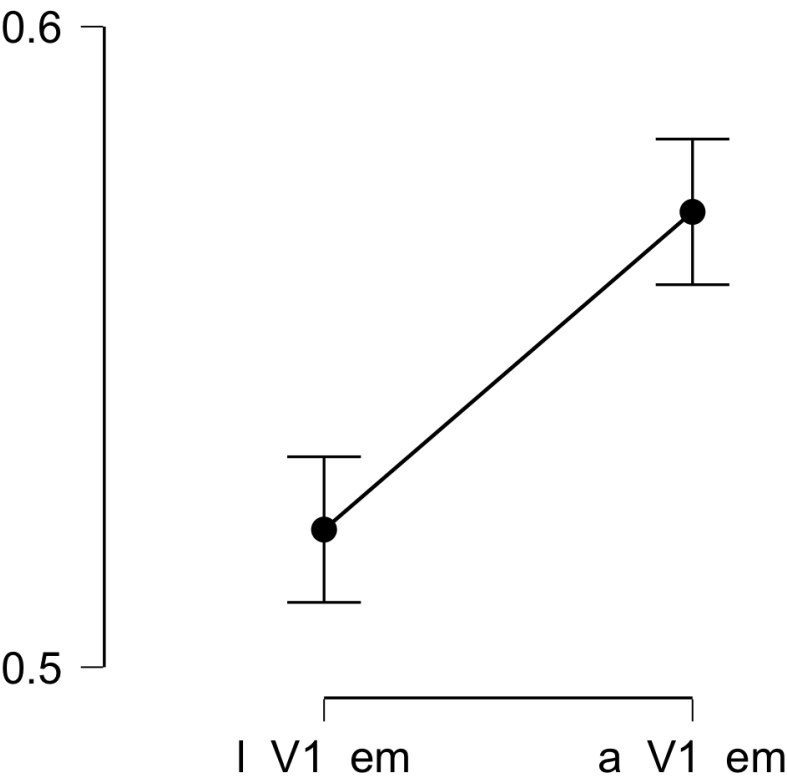
Test of Normality (Shapiro-Wilk)			
		W	p
l_V1_em	- a_V1_em	0.969	0.515

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_V1_em	30	0.521	0.029	0.005
a_V1_em	30	0.571	0.025	0.005

Descriptives Plot



Bayesian Paired Samples T-Test

Bayesian Paired Samples T-Test

	BF <sub>10</sub>	error %
l_V1_em - a_V1_em	25125.913	1.486e-7

Inferential Plots

l\_V1\_em - a\_V1\_em

Prior and Posterior

