

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 - l_LTL_ch	5.222	29	1.370e-5	0.062	0.012	0.038	0.086	0.953	0.514	1.381

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

	W	p
l_LTL_em - l_LTL_ch	0.978	0.776

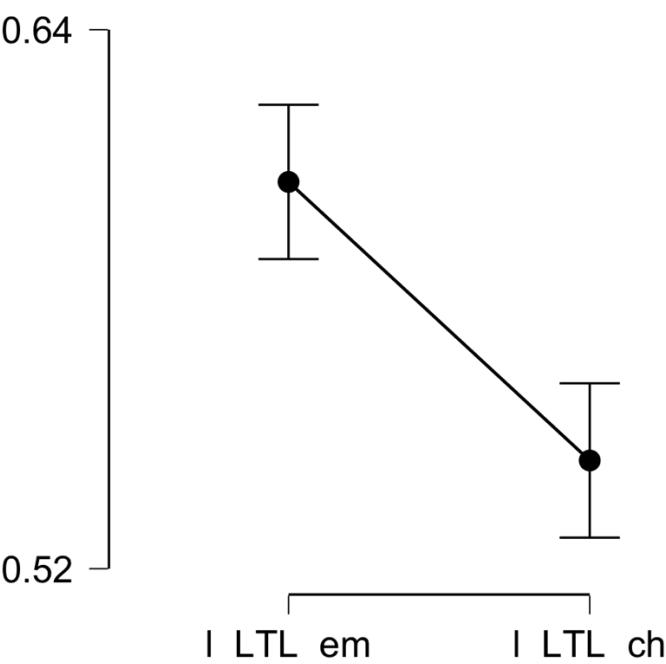
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_LTL_em	30	0.606	0.057	0.010
l_LTL_ch	30	0.544	0.034	0.006

Descriptives Plot



Bayesian Paired Samples T-Test

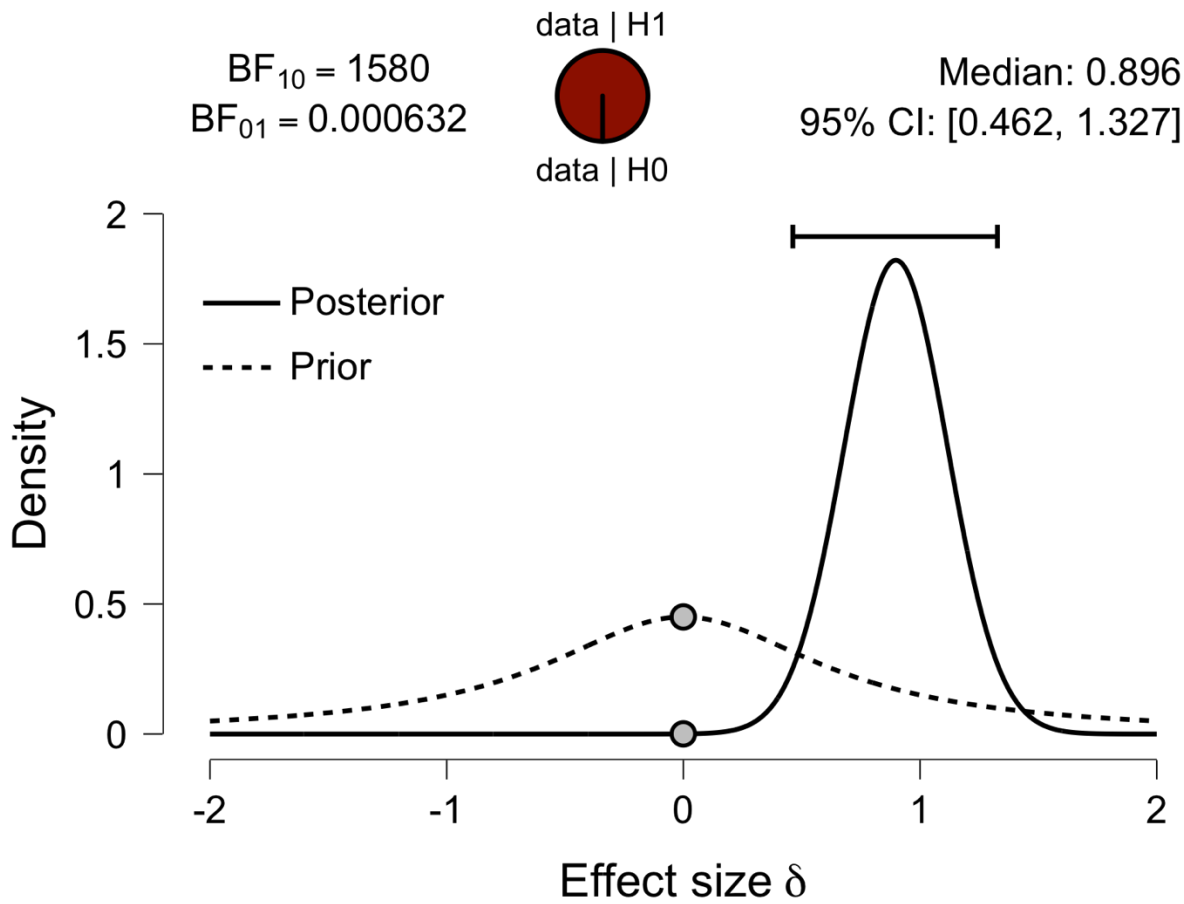
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_LTL_em - l_LTL_ch	1582.901	1.238e -6

Inferential Plots

l_LTL_em - l_LTL_ch

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 - l_IFG_ch	4.238	29	2.088e-4	0.040	0.009	0.021	0.059	0.774	0.360	1.178

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_IFG_em	- l_IFG_ch	0.963	0.375

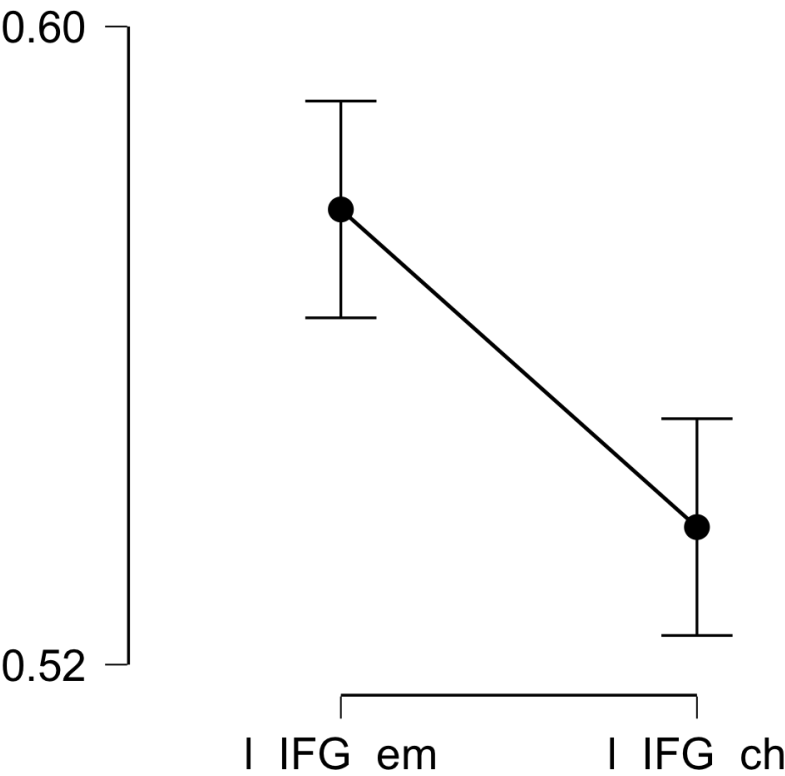
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_IFG_em	30	0.577	0.050	0.009
l_IFG_ch	30	0.537	0.029	0.005

Descriptives Plot



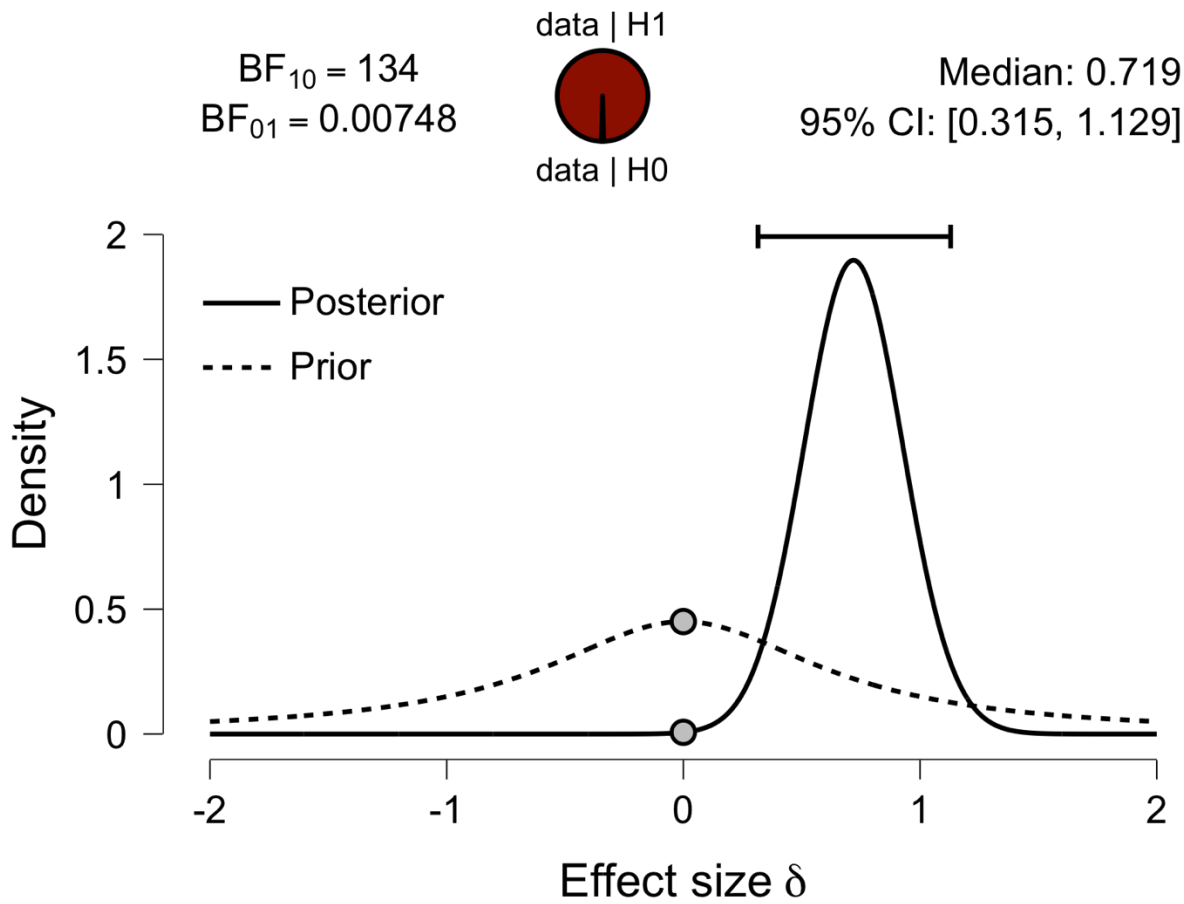
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_IFG_em - l_IFG_ch	133.738	2.000e -5

Inferential Plots

l_IFG_em - l_IFG_ch

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 - l_Prec_ch	4.887	29	$3.472e-5$	0.054	0.011	0.031	0.076	0.892	0.462	1.311

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_Prec_em	- l_Prec_ch	0.962	0.339

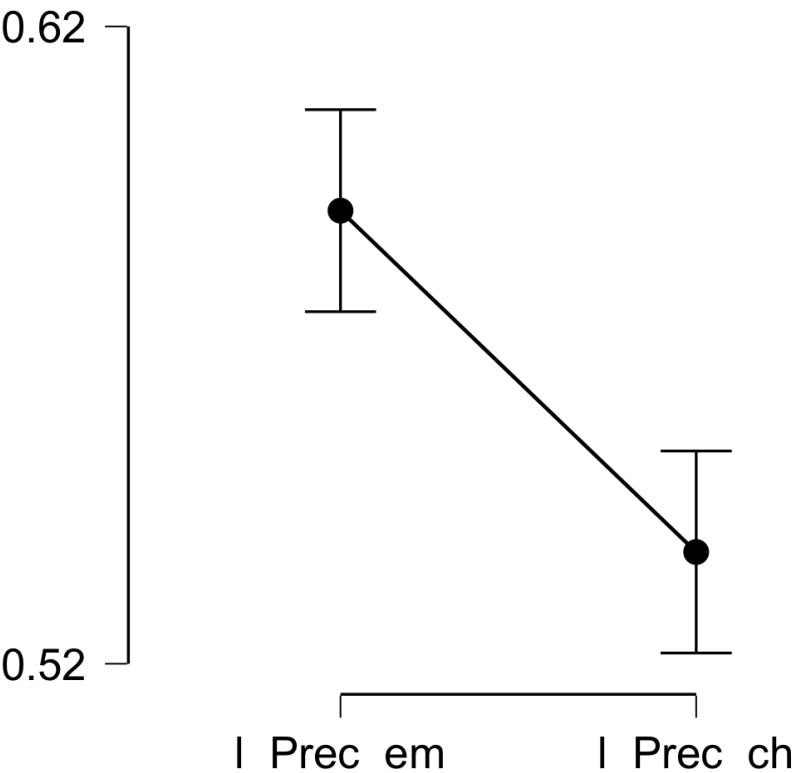
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_Prec_em	30	0.591	0.047	0.009
l_Prec_ch	30	0.538	0.032	0.006

Descriptives Plot



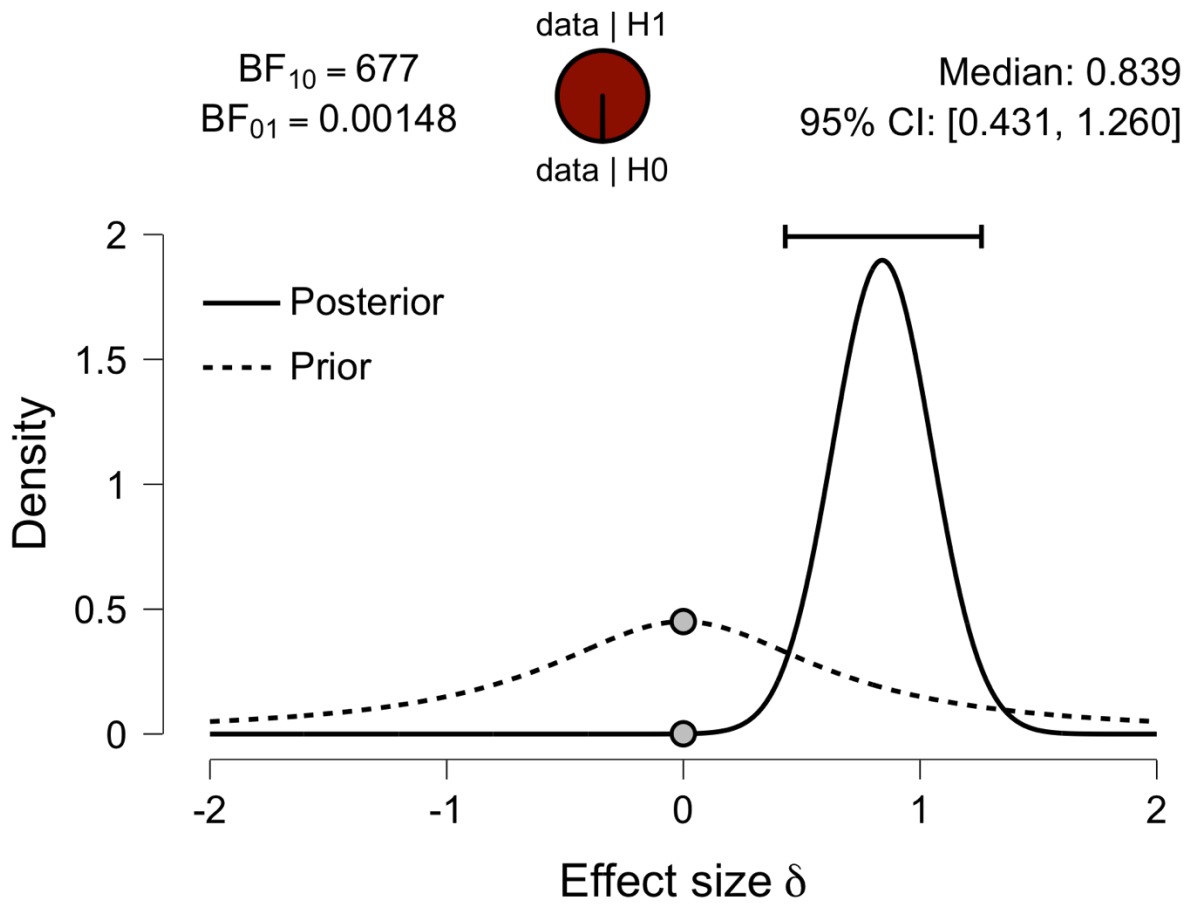
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_Prec_em - l_Prec_ch	677.416	1.037e-6

Inferential Plots

l_Prec_em - l_Prec_ch

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 - l_ATL_ch	2.248	29	0.032	0.025	0.011	0.002	0.048	0.410	0.034	0.780

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_ATL_em	- l_ATL_ch	0.982	0.865

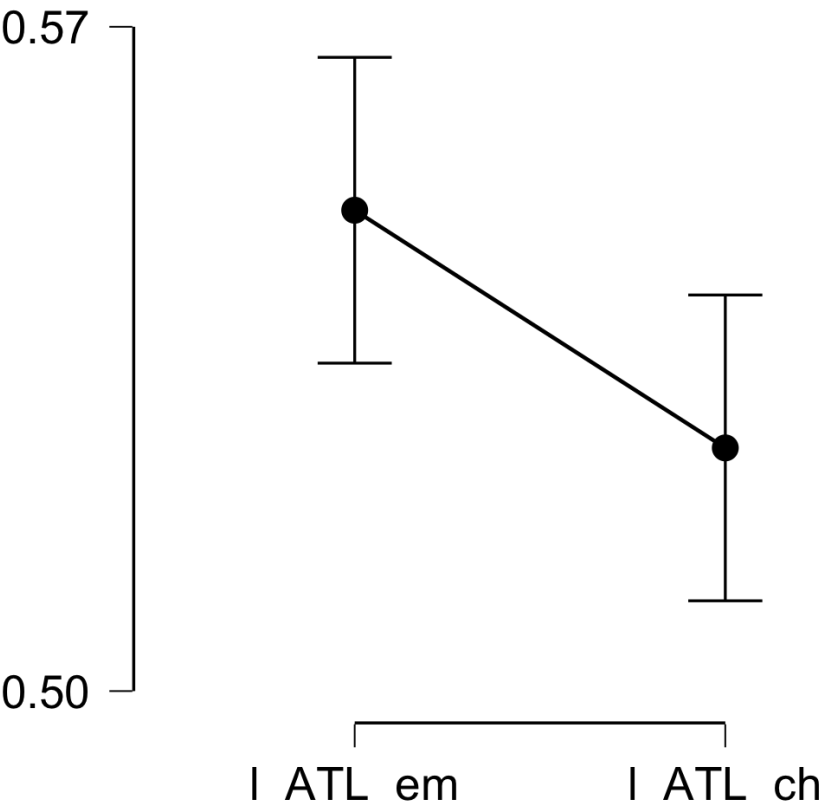
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_ATL_em	30	0.551	0.045	0.008
l_ATL_ch	30	0.526	0.030	0.005

Descriptives Plot



Bayesian Paired Samples T-Test

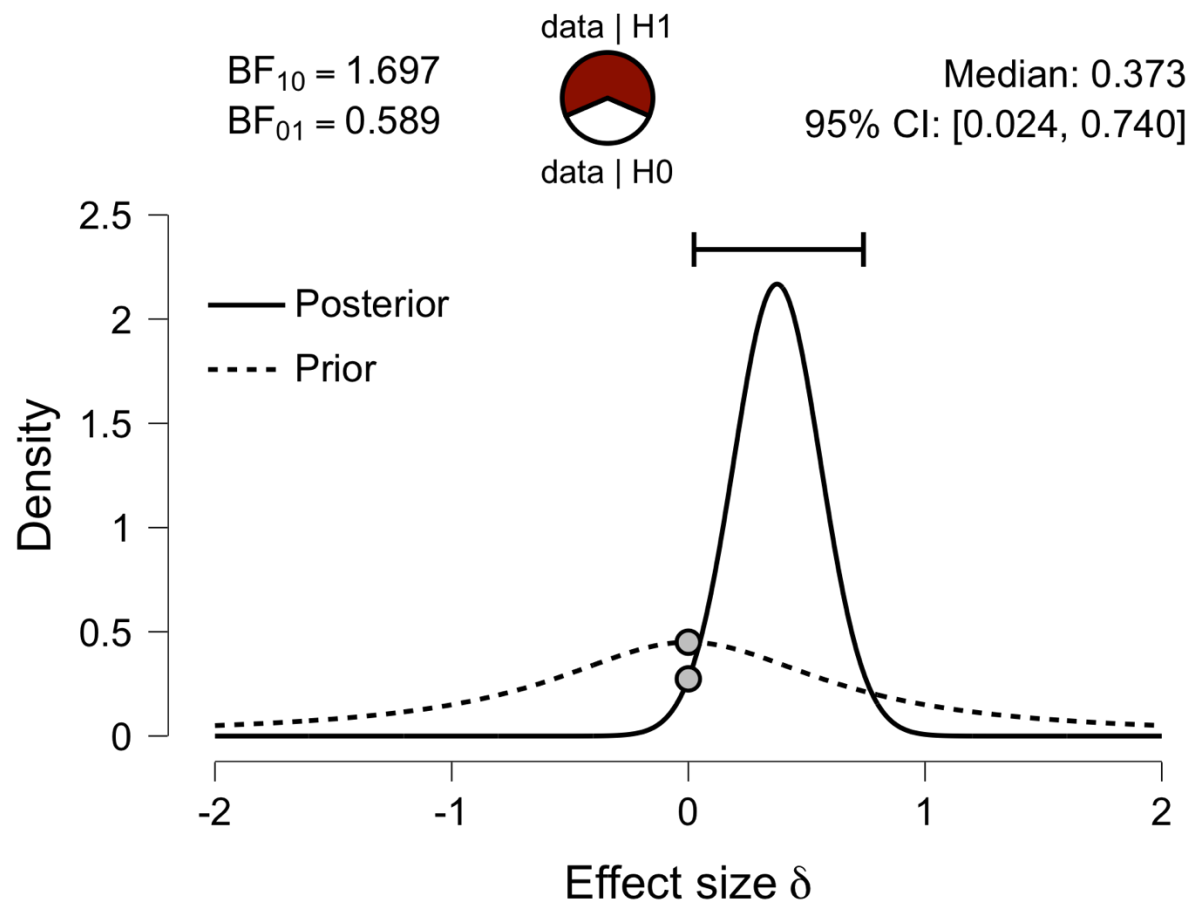
Bayesian Paired Samples T-Test

	BF_{10}	error %
$l_ATL_em - l_ATL_ch$	1.697	$4.191e-6$

Inferential Plots

$l_ATL_em - l_ATL_ch$

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 - l_aPFC_ch	3.717	29	8.568e-4	0.045	0.012	0.020	0.069	0.679	0.276	1.072

Note. Student's t-test.

Assumption Checks

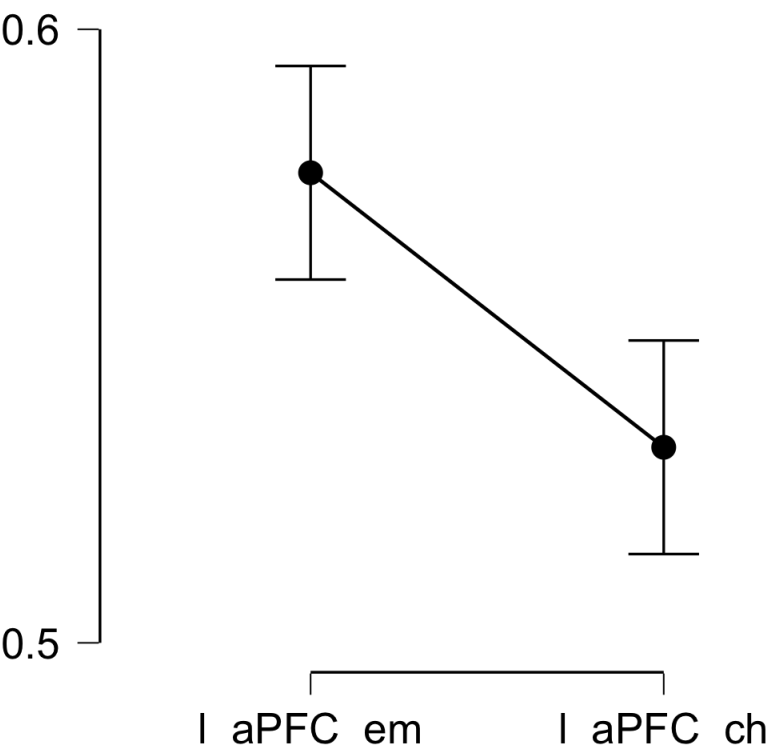
Test of Normality (Shapiro-Wilk)			
		W	p
l_aPFC_em - l_aPFC_ch		0.984	0.917

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_aPFC_em	30	0.577	0.058	0.011
l_aPFC_ch	30	0.532	0.032	0.006

Descriptives Plot



Bayesian Paired Samples T-Test

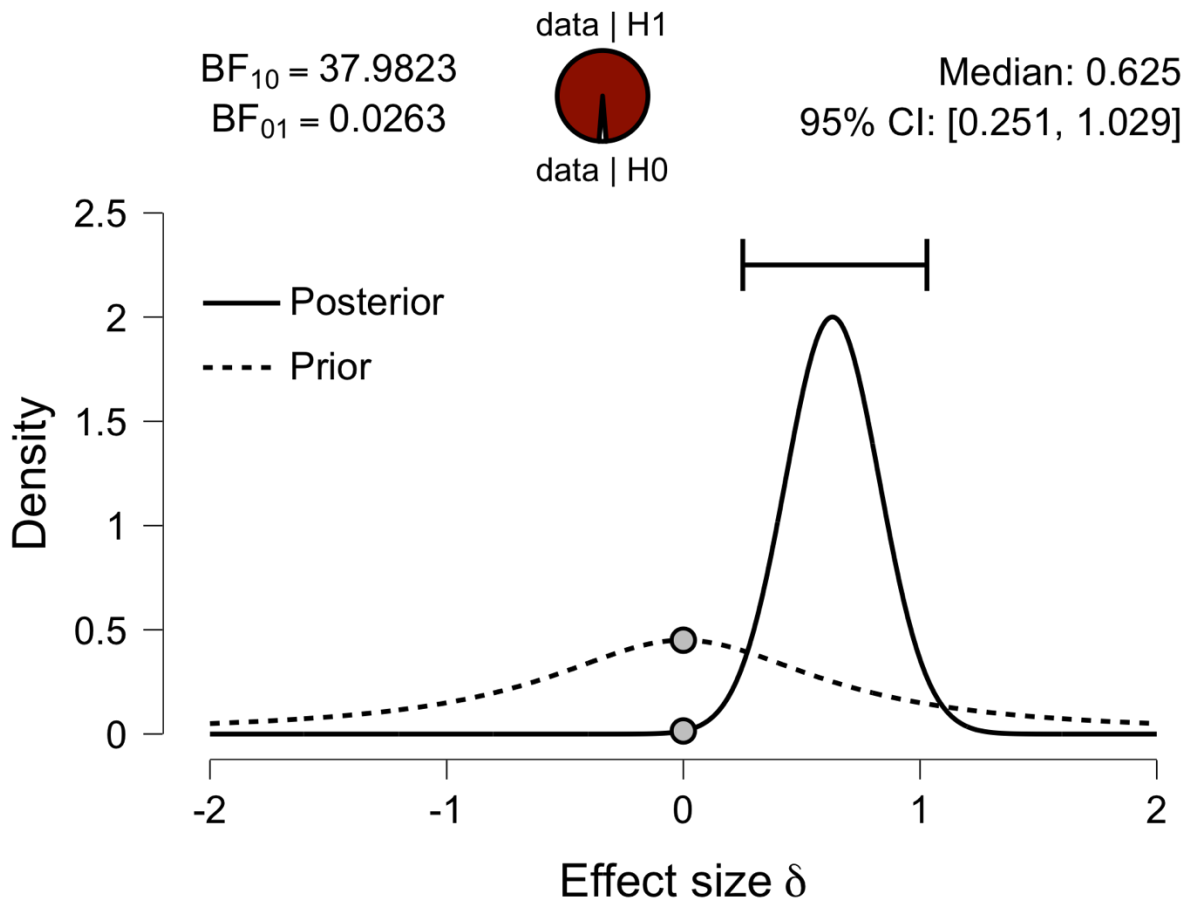
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_aPFC_em - l_aPFC_ch	37.982	2.651e -4

Inferential Plots

l_aPFC_em - l_aPFC_ch

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 - l_Ins_ch	2.244	29	0.033	0.016	0.007	0.001	0.031	0.410	0.034	0.779

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_Ins_em	- l_Ins_ch	0.966	0.440

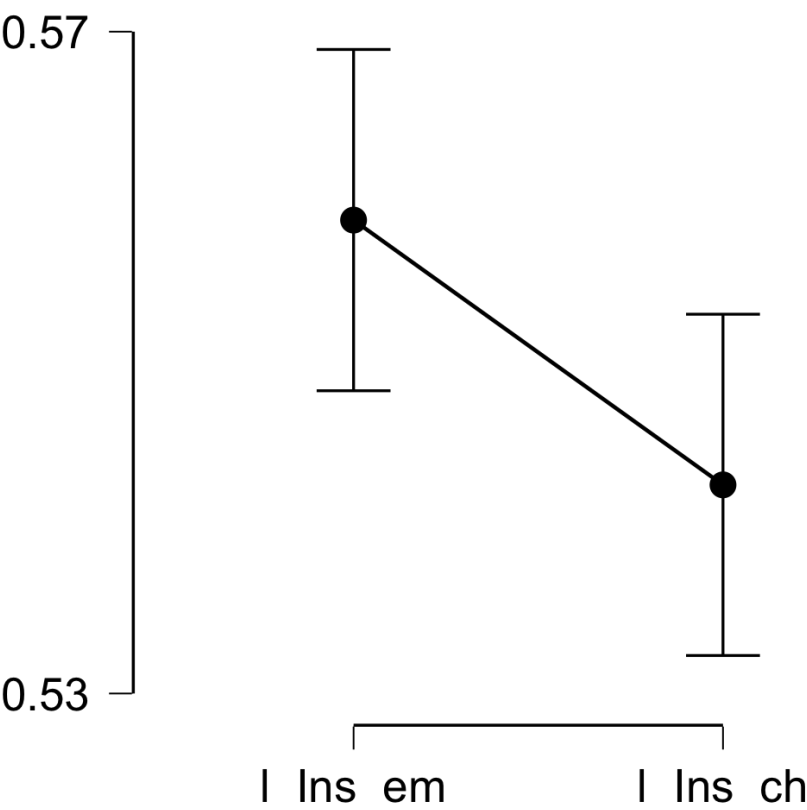
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mea n	SD	SE
l_Ins_em	30	0.559	0.032	0.006
l_Ins_ch	30	0.543	0.029	0.005

Descriptives Plot



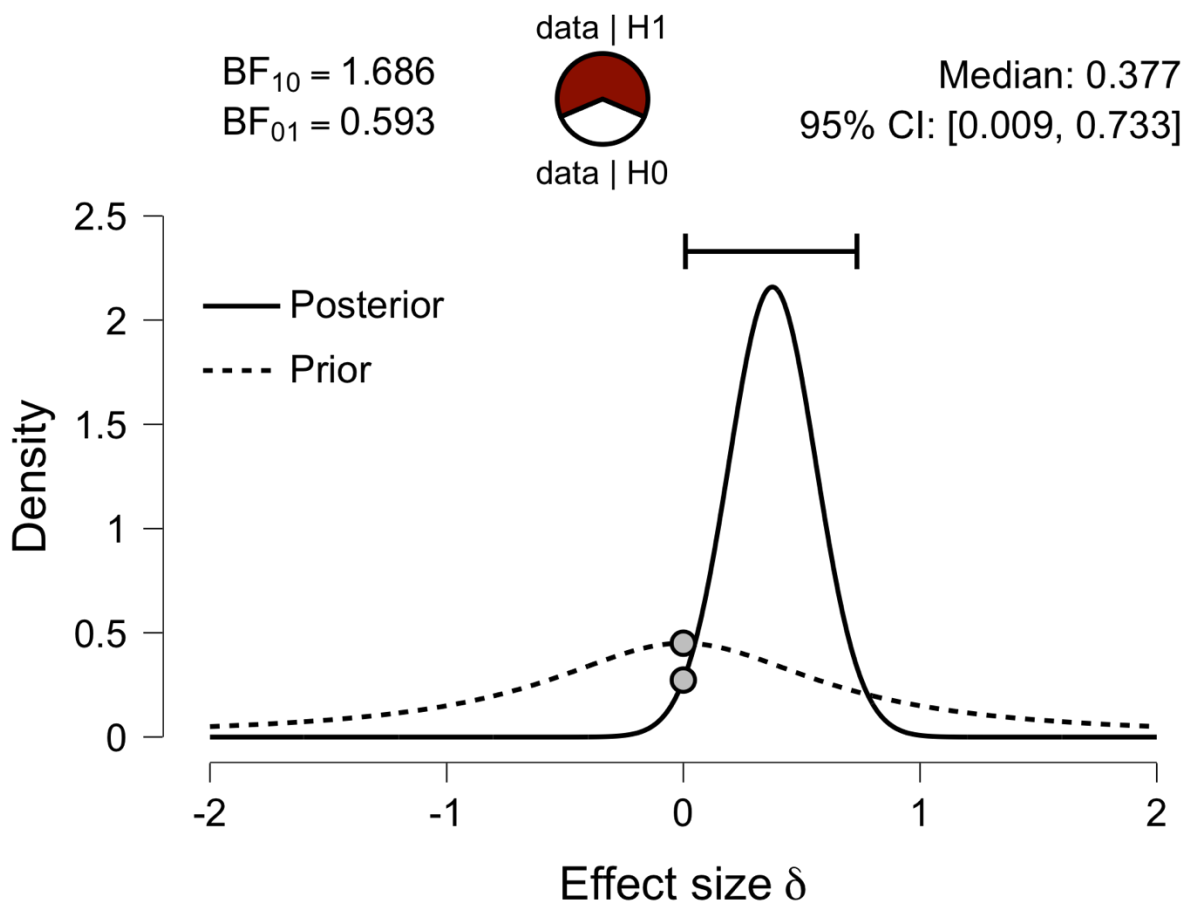
Bayesian Paired Samples T-Test

Bayesian Paired Samples T-Test		
	BF ₁₀	error %
l_Ins_em - l_Ins_ch	1.686	4.204e-6

Inferential Plots

l_Ins_em - l_Ins_ch

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 - l_ACC_ch	5.027	29	2.350e-5	0.066	0.013	0.039	0.093	0.918	0.484	1.341

Note. Student's t-test.

Assumption Checks

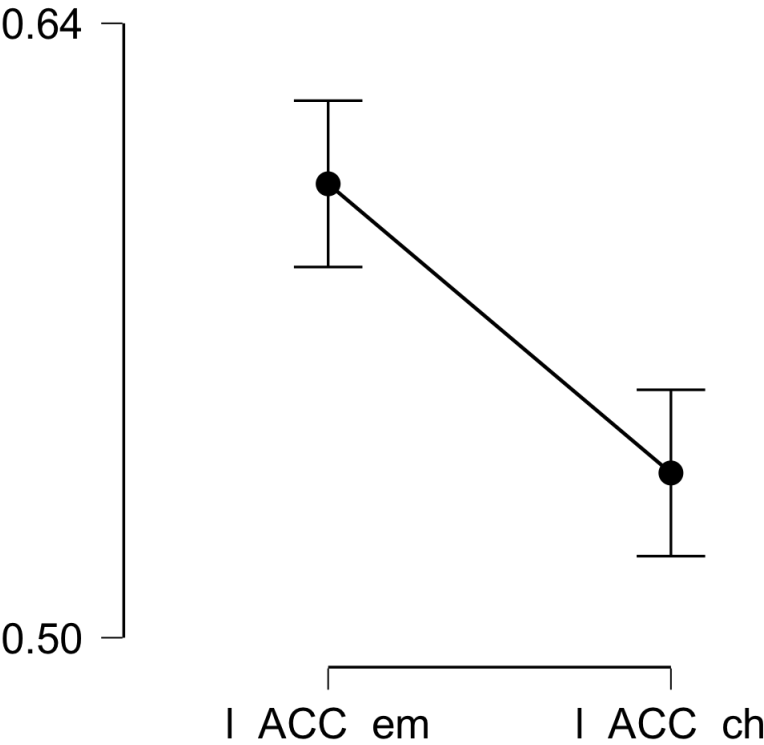
Test of Normality (Shapiro-Wilk)			
		W	p
l_ACC_em - l_ACC_ch		0.976	0.713

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_ACC_em	30	0.603	0.061	0.011
l_ACC_ch	30	0.538	0.023	0.004

Descriptives Plot



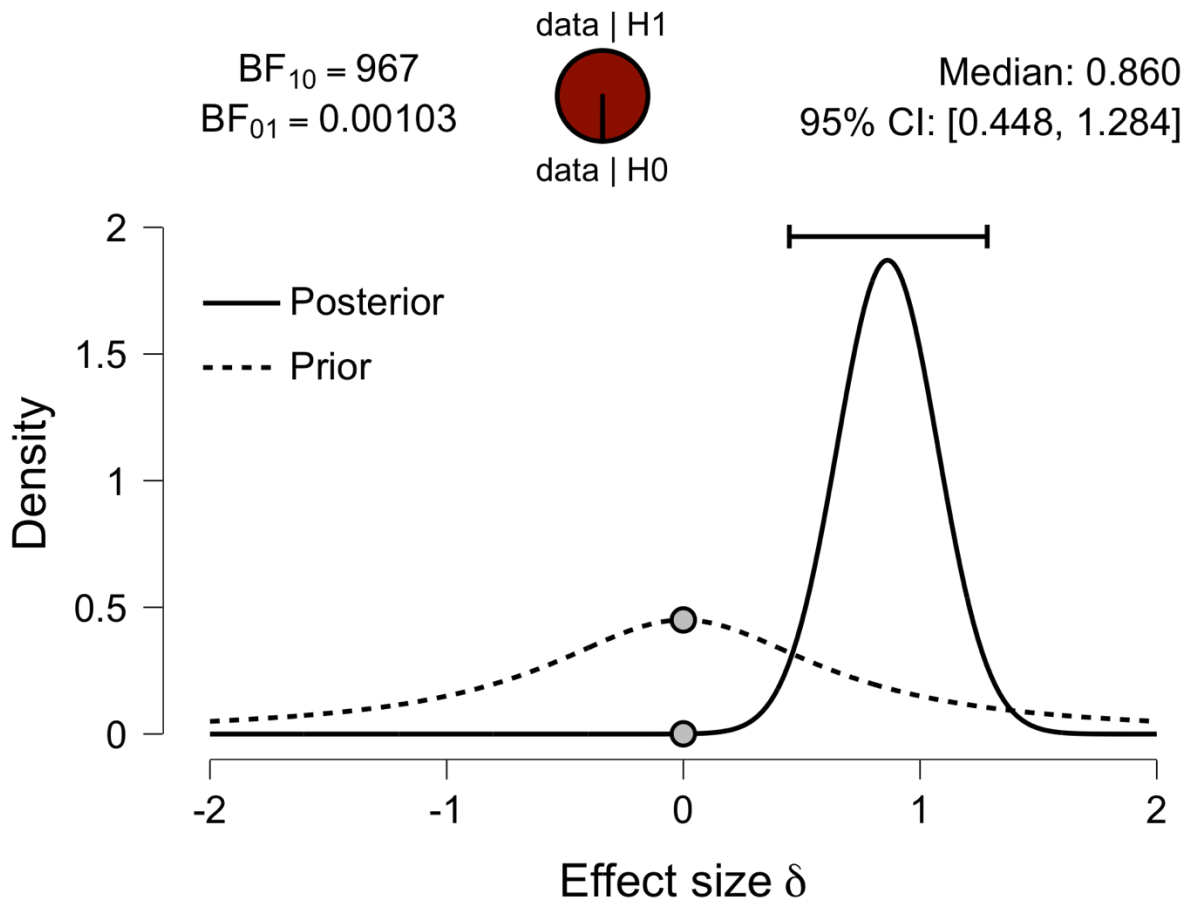
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_ACC_em - l_ACC_ch	966.599	1.247e -6

Inferential Plots

l_ACC_em - l_ACC_ch

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 - l_PCC_ch	3.058	29	0.005	0.023	0.008	0.008	0.039	0.558	0.169	0.940

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_PCC_em	- l_PCC_ch	0.981	0.854

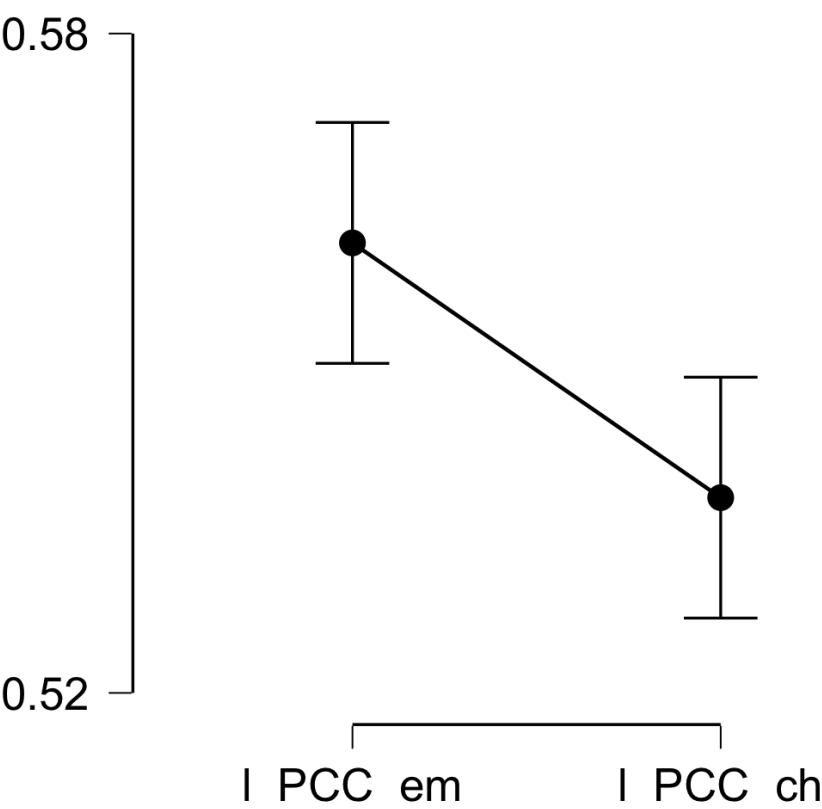
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_PCC_em	30	0.561	0.036	0.007
l_PCC_ch	30	0.538	0.032	0.006

Descriptives Plot



Bayesian Paired Samples T-Test

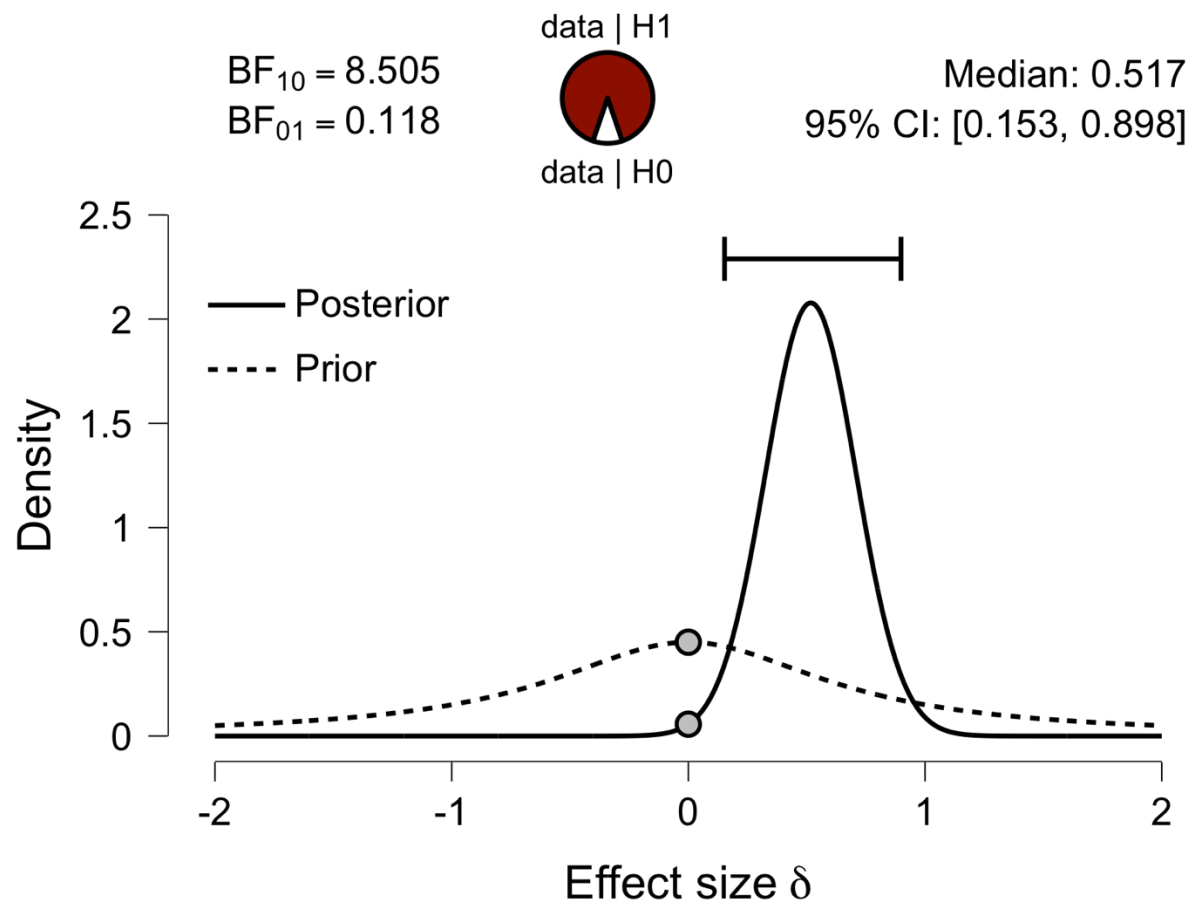
Bayesian Paired Samples T-Test

	BF_{10}	error %
$l_PCC_em - l_PCC_ch$	8.505	2.298e -6

Inferential Plots

$l_PCC_em - l_PCC_ch$

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 - l_V1_ch	1.981	29	0.057	-0.013	0.007	-0.026	4.219e-4	-0.362	-0.728	0.011

Note. Student's t-test.

Assumption Checks

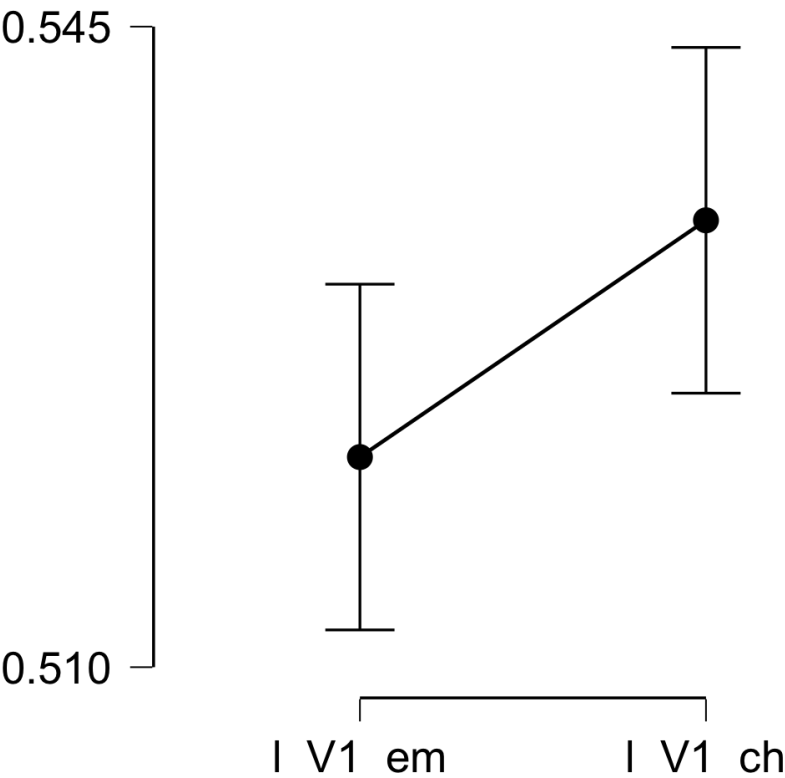
Test of Normality (Shapiro-Wilk)			
		W	p
l_V1_em	- l_V1_ch	0.977	0.744

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_V1_em	30	0.521	0.029	0.005
l_V1_ch	30	0.534	0.033	0.006

Descriptives Plot



Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_V1_em - l_V1_ch	1.076	5.071e -6

Inferential Plots

l_V1_em - l_V1_ch

Prior and Posterior

