

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	10.634	29	1.606e - 11	0.139	0.013	0.113	0.166	1.942	1.323	2.548

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

	W	p
l_LTL_em - l_LTL_ch	0.955	0.233

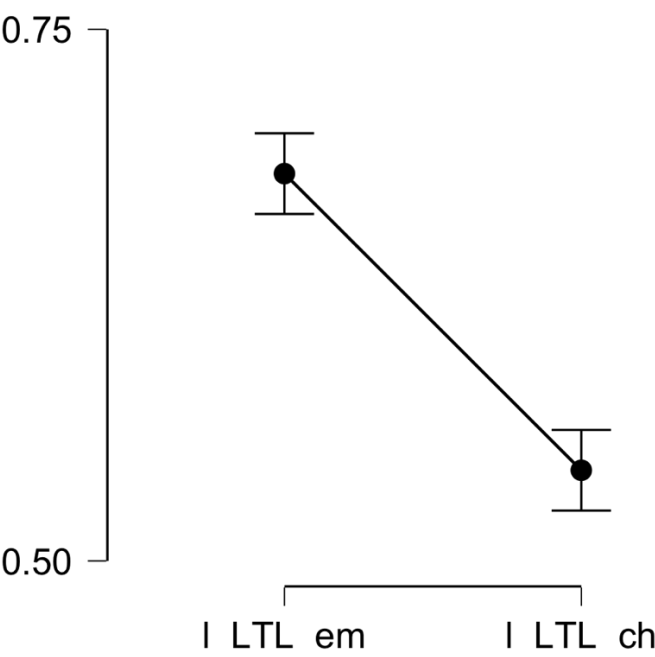
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_LTL_em	30	0.682	0.065	0.012
l_LTL_ch	30	0.543	0.032	0.006

Descriptives Plot



Bayesian Paired Samples T-Test

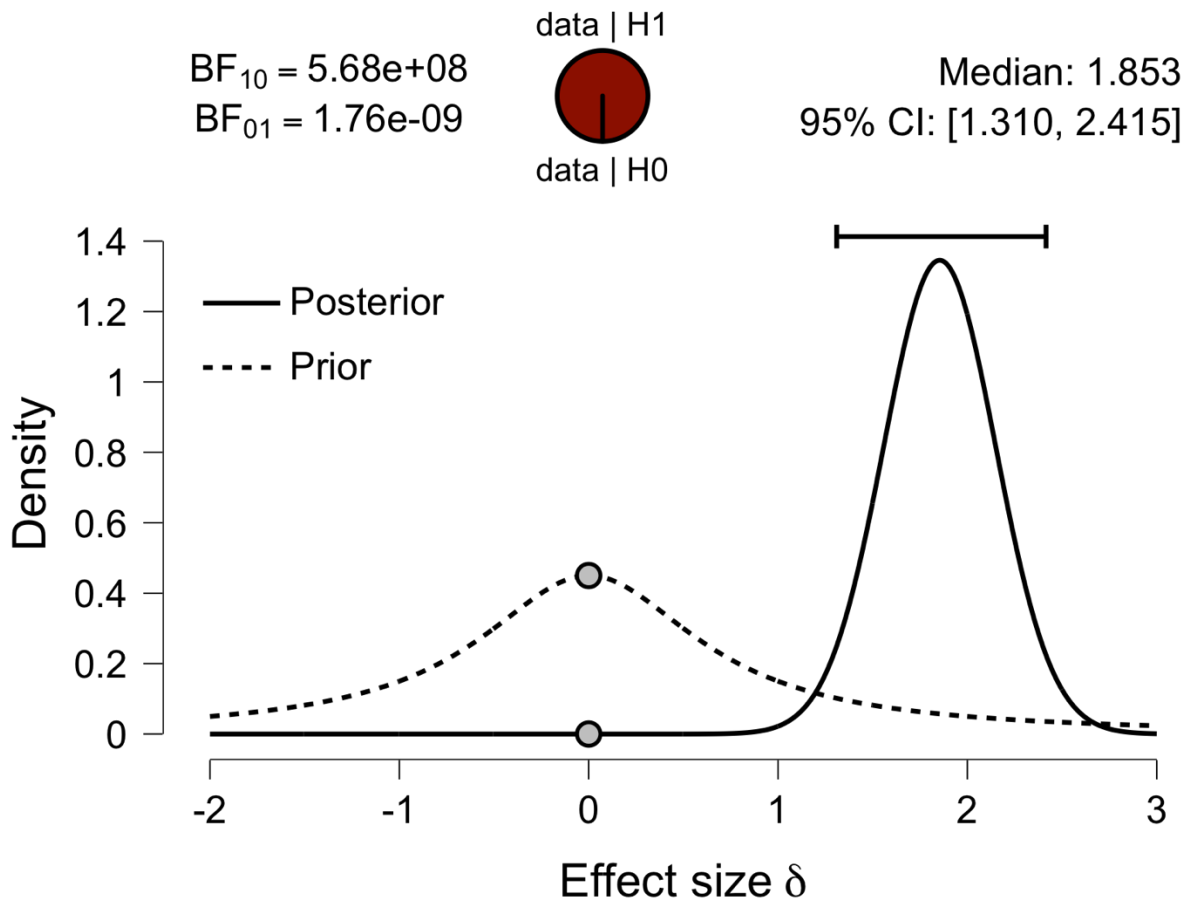
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_LTL_em - l_LTL_ch	5.676e+8	1.068e-11

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	10.799	29	1.121e-11	0.116	0.011	0.094	0.138	1.972	1.347	2.585

Note. Student's t-test.

Assumption Checks

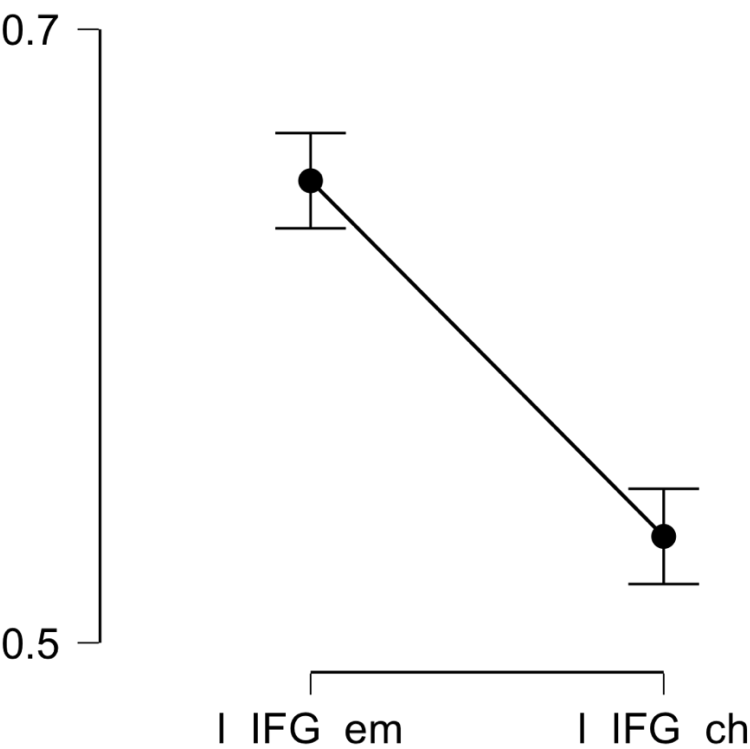
Test of Normality (Shapiro-Wilk)			
		W	p
l_IFG_em - l_IFG_ch		0.967	0.471

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_IFG_em	30	0.651	0.048	0.009
l_IFG_ch	30	0.535	0.032	0.006

Descriptives Plot



Bayesian Paired Samples T-Test

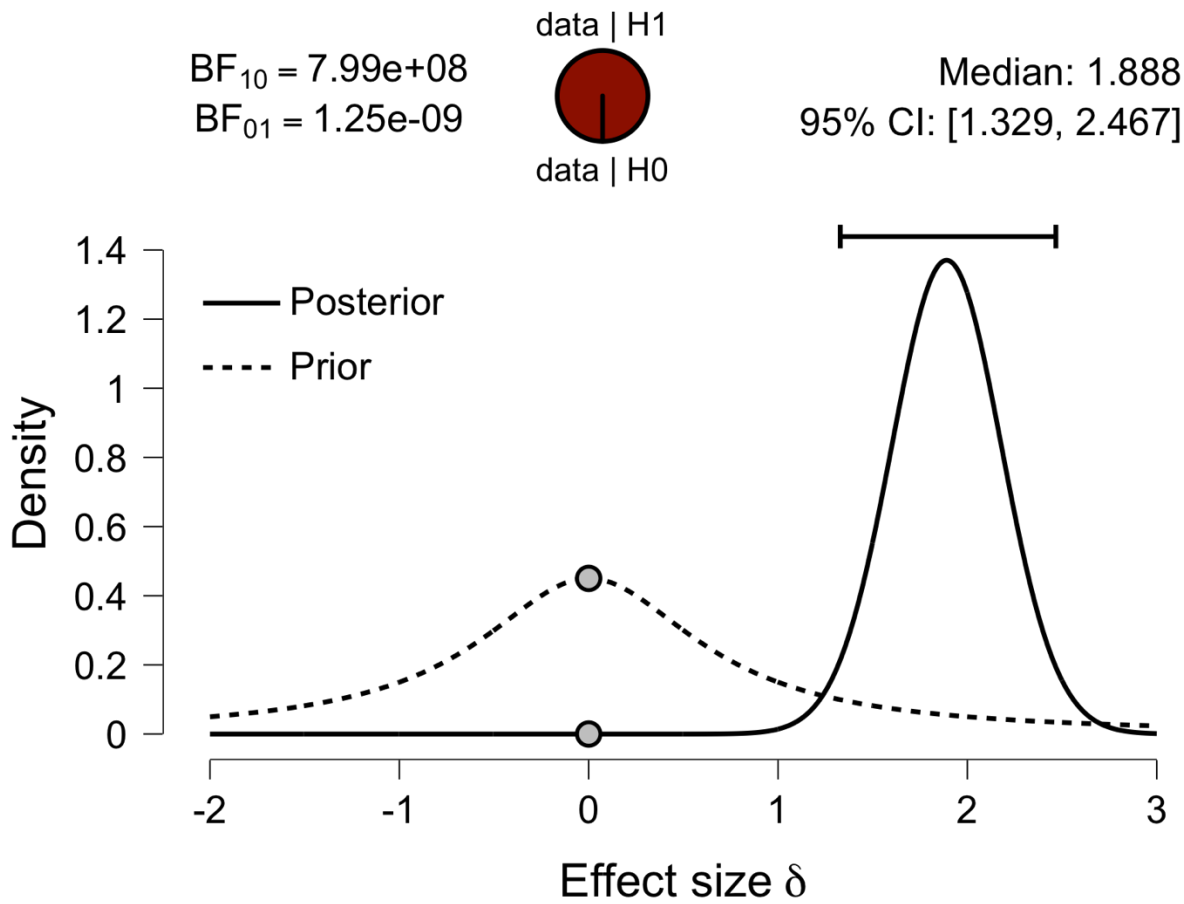
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_IFG_em - l_IFG_ch	7.986e+8	4.994e-13

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	10.952	29	8.061e - 12	0.124	0.011	0.101	0.147	2.000	1.369	2.618

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_Prec_em	- l_Prec_ch	0.991	0.994

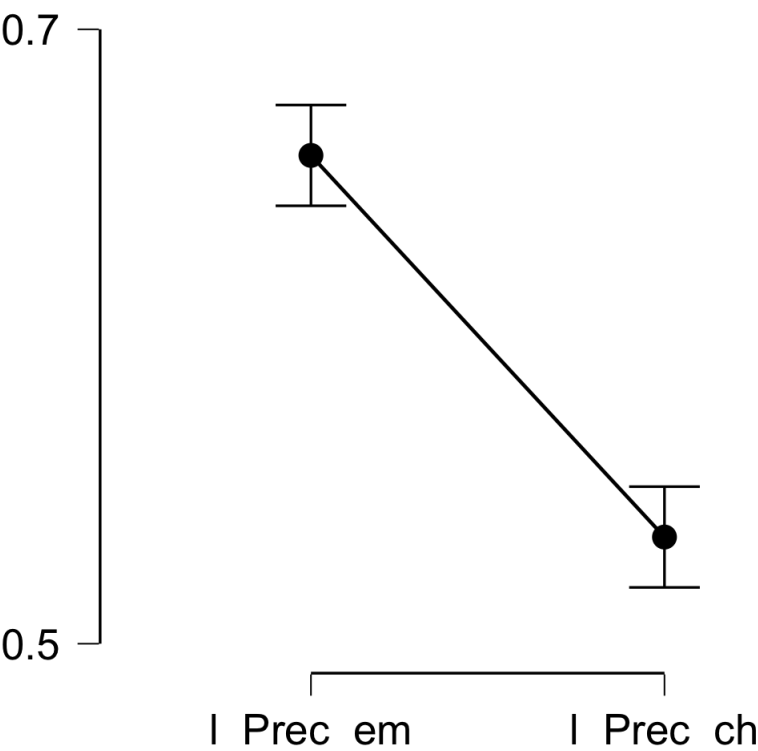
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_Prec_em	30	0.659	0.049	0.009
l_Prec_ch	30	0.535	0.037	0.007

Descriptives Plot



Bayesian Paired Samples T-Test

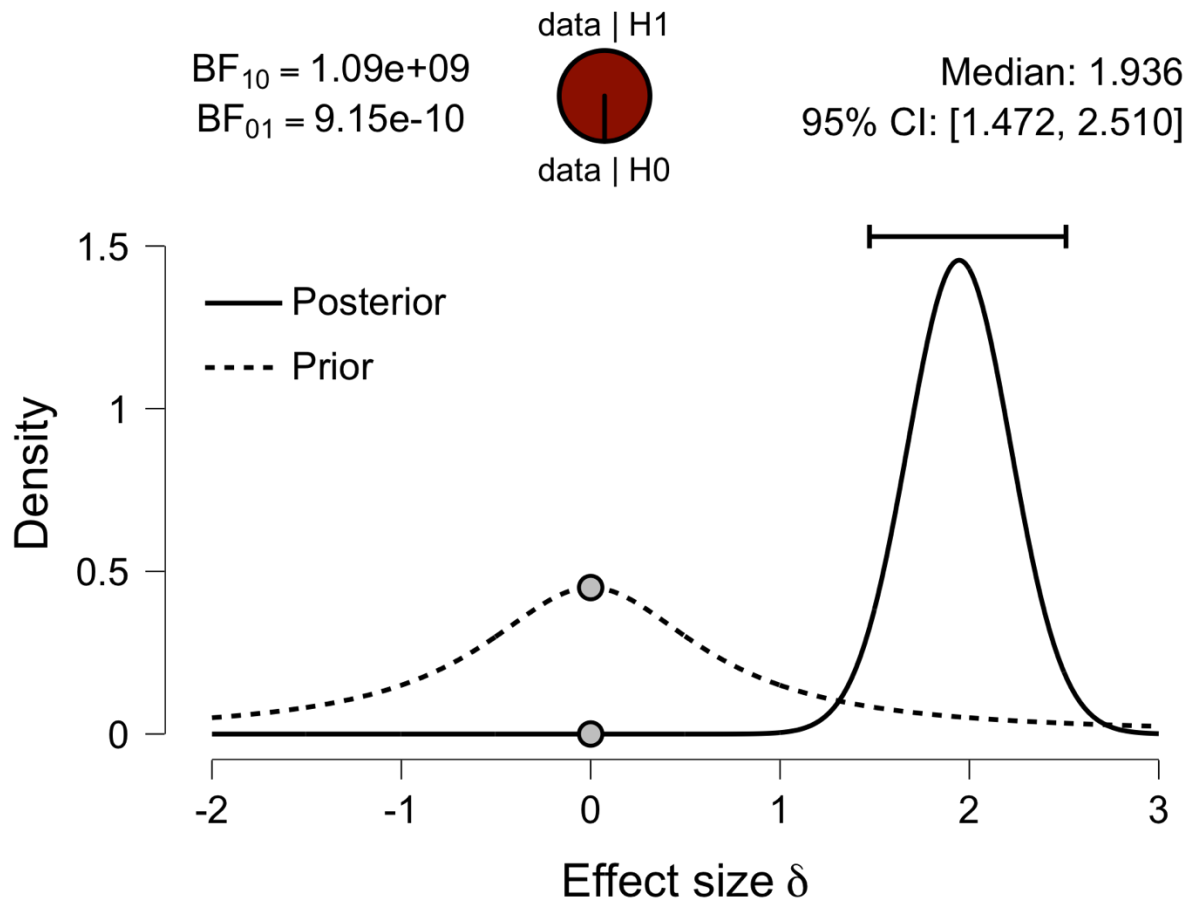
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_Prec_em - l_Prec_ch	1.093e+9	3.637e-13

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	8.290	29	3.869×10^{-9}	0.085	0.010	0.064	0.106	1.514	0.980	2.035

Note. Student's t-test.

Assumption Checks

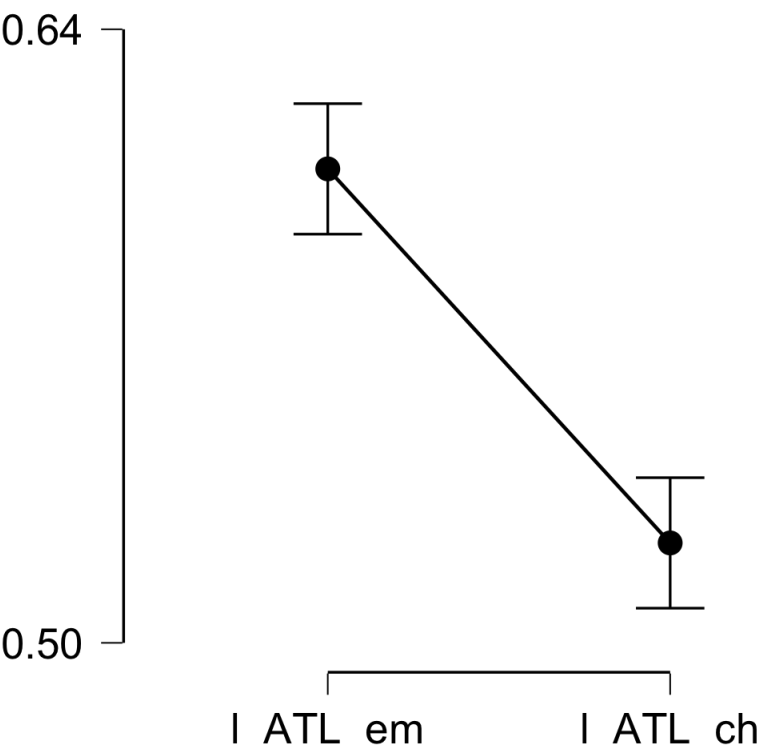
Test of Normality (Shapiro-Wilk)			
		W	p
l_ATL_em - l_ATL_ch		0.949	0.162

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_ATL_em	30	0.608	0.047	0.009
l_ATL_ch	30	0.523	0.032	0.006

Descriptives Plot



Bayesian Paired Samples T-Test

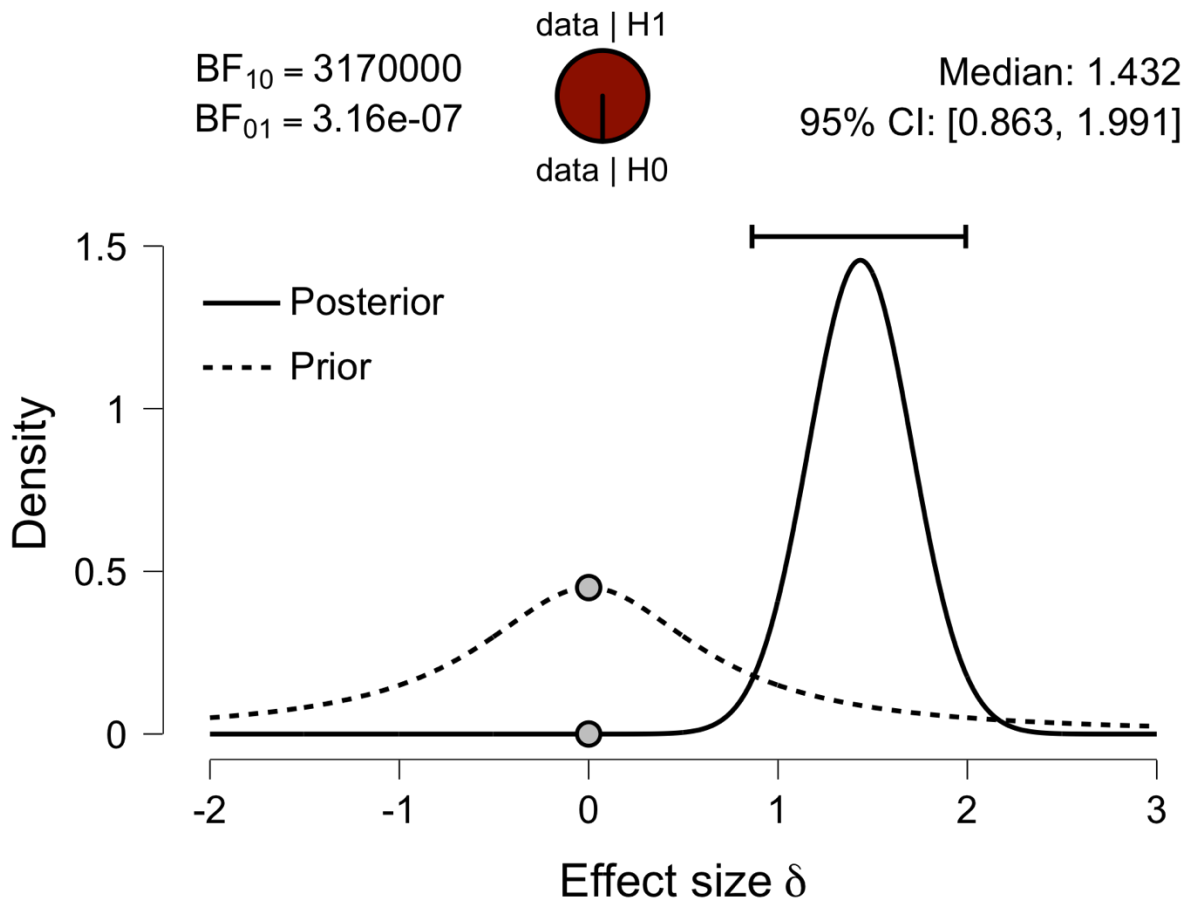
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_ATL_em - l_ATL_ch	3.170e+6	1.907e-10

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	8.833	29	1.019e-9	0.113	0.013	0.087	0.140	1.613	1.060	2.153

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_aPFC_em	- l_aPFC_ch	0.971	0.578

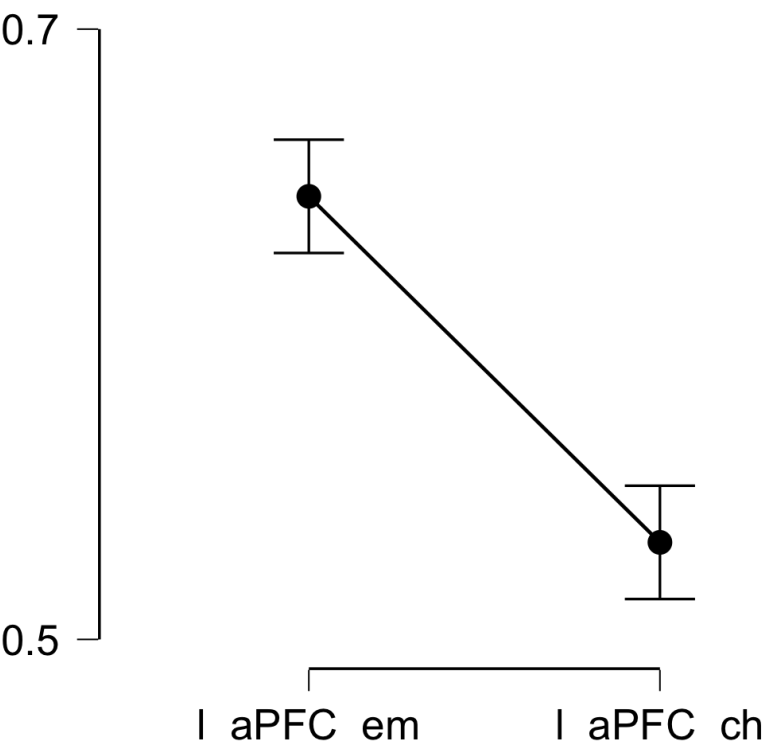
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_aPFC_em	30	0.645	0.062	0.011
l_aPFC_ch	30	0.532	0.032	0.006

Descriptives Plot



Bayesian Paired Samples T-Test

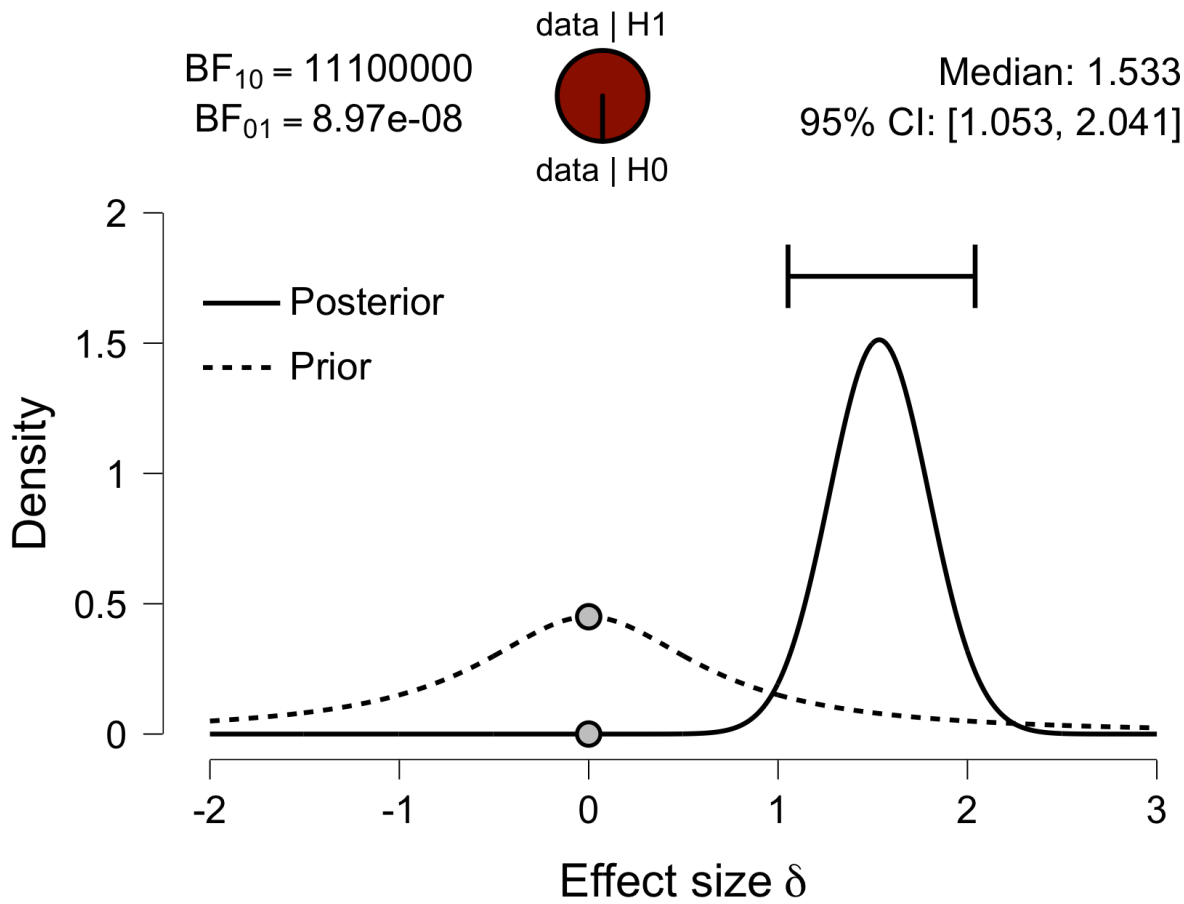
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_aPFC_em - l_aPFC_ch	1.115e+7	1.101e-11

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	11.051	29	6.517e-12	0.092	0.008	0.075	0.109	2.018	1.383	2.640

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_Ins_em	- l_Ins_ch	0.982	0.868

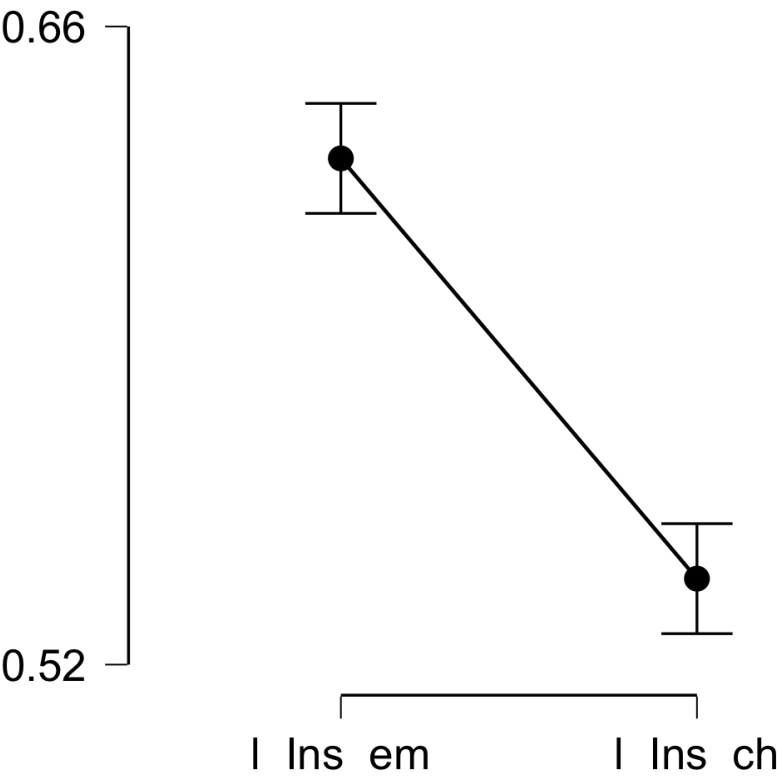
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_Ins_em	30	0.631	0.029	0.005
l_Ins_ch	30	0.539	0.033	0.006

Descriptives Plot



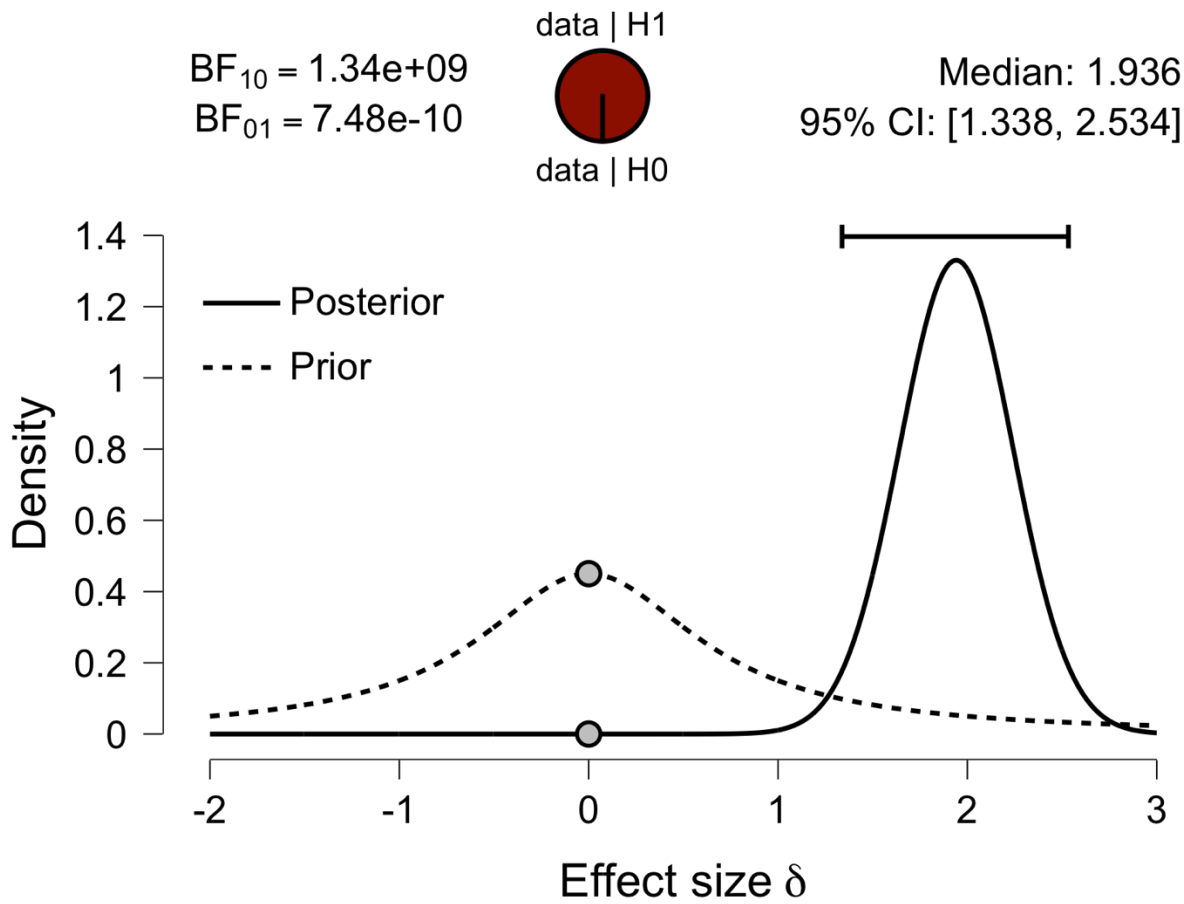
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_Ins_em - l_Ins_ch	1.337e+9	2.938e-13

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	10.648	29	1.560e - 11	0.129	0.012	0.104	0.154	1.944	1.325	2.551

Note. Student's t-test.

Assumption Checks

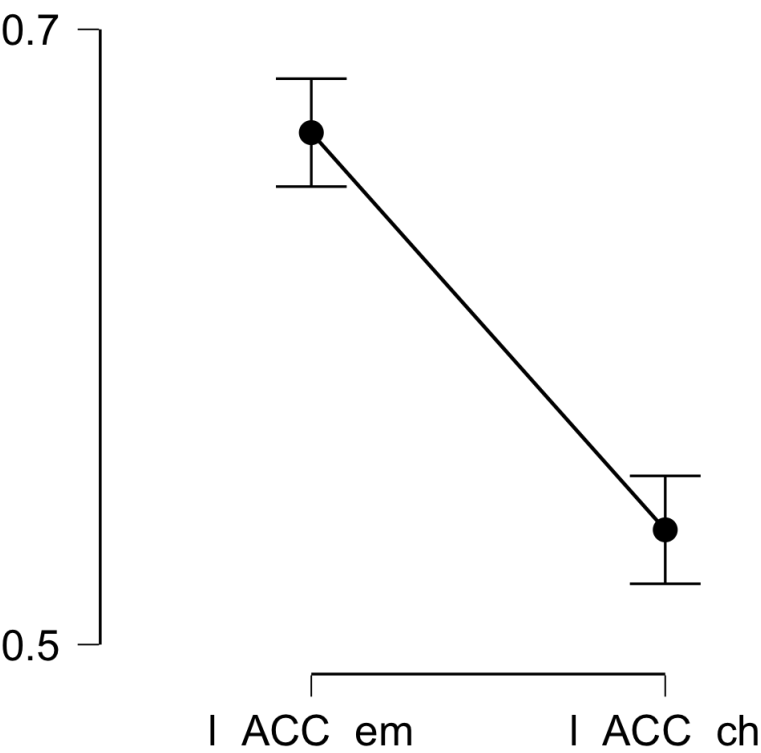
Test of Normality (Shapiro-Wilk)			
		W	p
l_ACC_em - l_ACC_ch		0.948	0.149

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_ACC_em	30	0.666	0.058	0.011
l_ACC_ch	30	0.537	0.027	0.005

Descriptives Plot



Bayesian Paired Samples T-Test

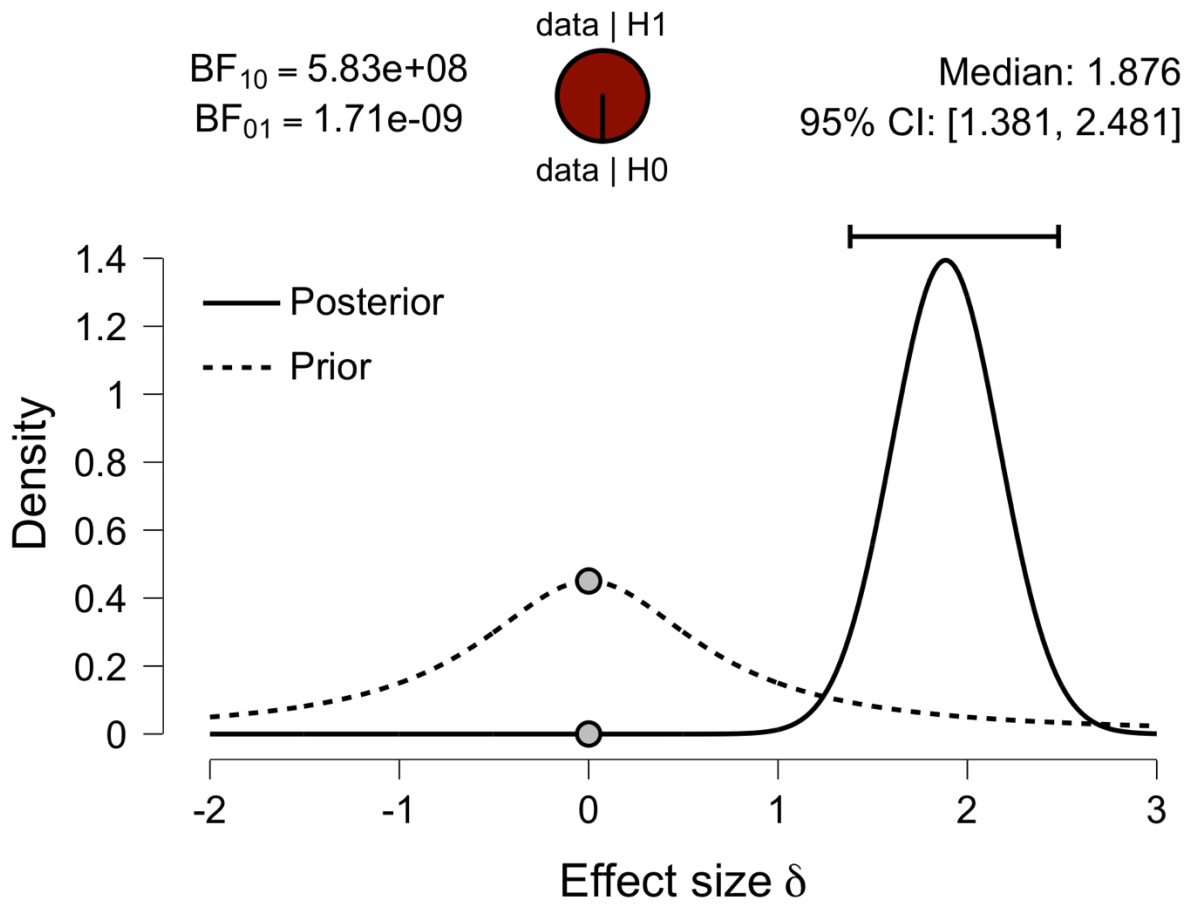
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_ACC_em - l_ACC_ch	5.834e+8	1.114e-11

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	9.633	29	1.531e-10	0.089	0.009	0.070	0.108	1.759	1.177	2.328

Note. Student's t-test.

Assumption Checks

Test of Normality (Shapiro-Wilk)

		W	p
l_PCC_em	- l_PCC_ch	0.926	0.039

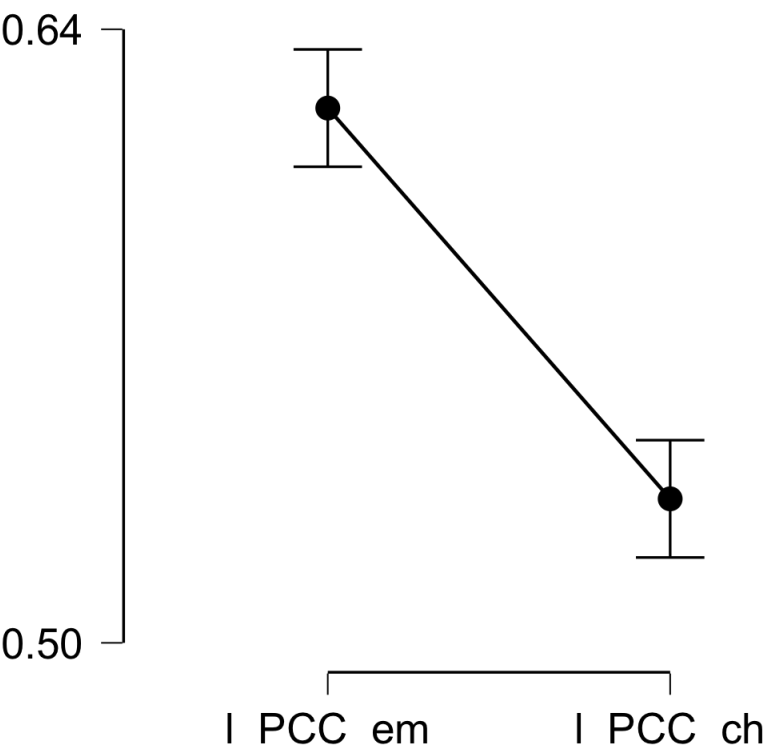
Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives

	N	Mean	SD	SE
l_PCC_em	30	0.622	0.035	0.006
l_PCC_ch	30	0.533	0.033	0.006

Descriptives Plot



Bayesian Paired Samples T-Test

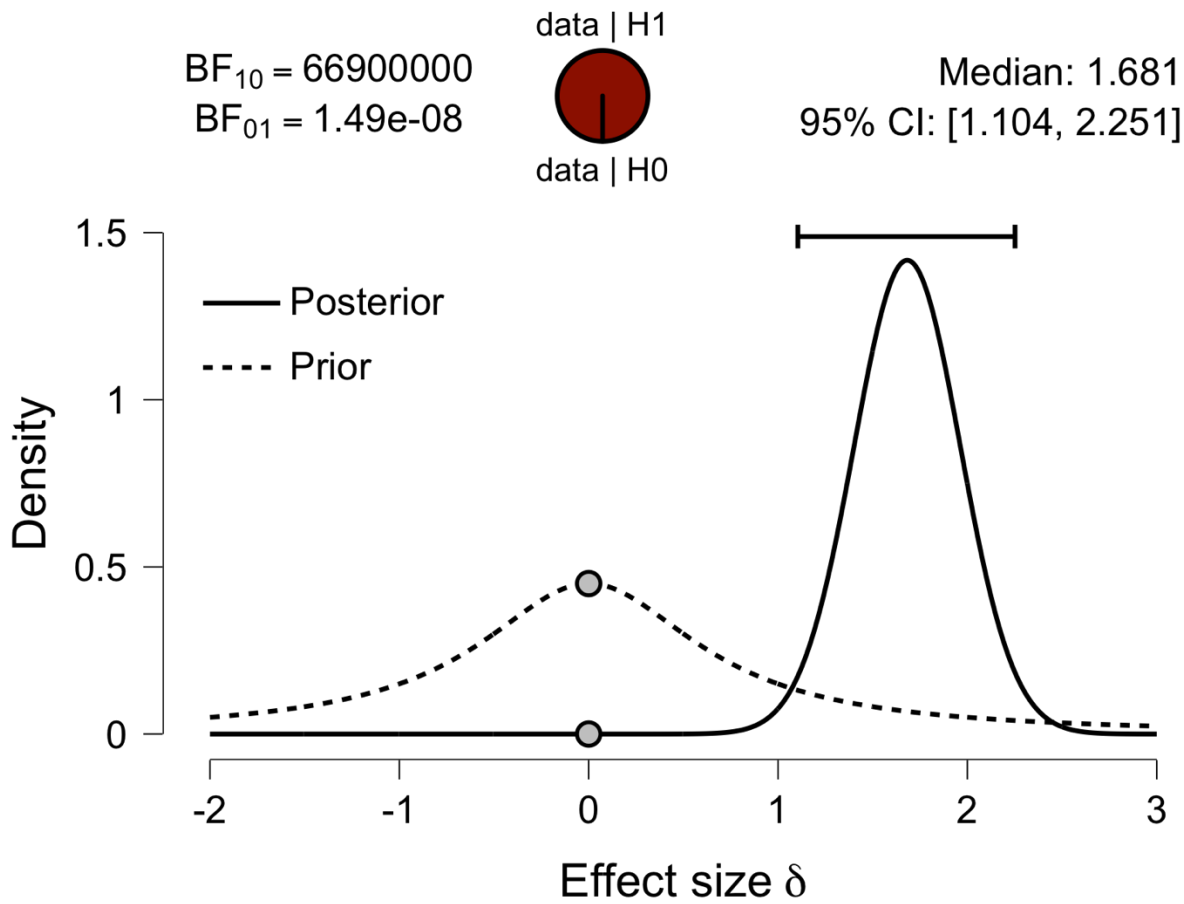
Bayesian Paired Samples T-Test

	BF ₁₀	error %
l_PCC_em - l_PCC_ch	6.690e+7	2.221e-12

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	5.910	29	2.037e-6	0.047	0.008	0.031	0.063	1.079	0.621	1.525

Note. Student's t-test.

Assumption Checks

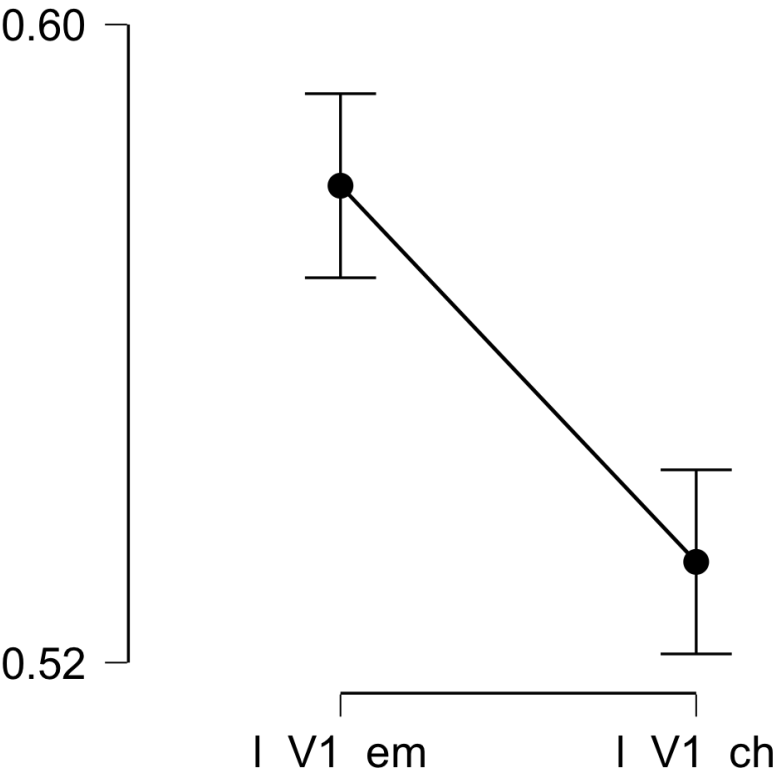
Test of Normality (Shapiro-Wilk)			
		W	p
l_V1_em	- l_V1_ch	0.956	0.237

Note. Significant results suggest a deviation from normality.

Descriptives

Descriptives				
	N	Mean	SD	SE
l_V1_em	30	0.580	0.028	0.005
l_V1_ch	30	0.533	0.038	0.007

Descriptives Plot



Bayesian Paired Samples T-Test

Bayesian Paired Samples T-Test

	BF_{10}	error %
$l_V1_em - l_V1_ch$	9133.942	$4.984e-7$

Inferential Plots

$l_V1_em - l_V1_ch$

Prior and Posterior

