

Results

Bayesian Repeated Measures ANOVA

Model Comparison

Models	P(M)	P(M data)	BF _M	BF ₁₀	error %
Training + Task + Training * Task	0.200	0.396	2.626	1.000	
Training	0.200	0.382	2.470	0.963	2.689
Training + Task	0.200	0.173	0.834	0.435	2.971
Null model (incl. subject and random slopes)	0.200	0.035	0.143	0.087	2.132
Task	0.200	0.015	0.061	0.038	2.943

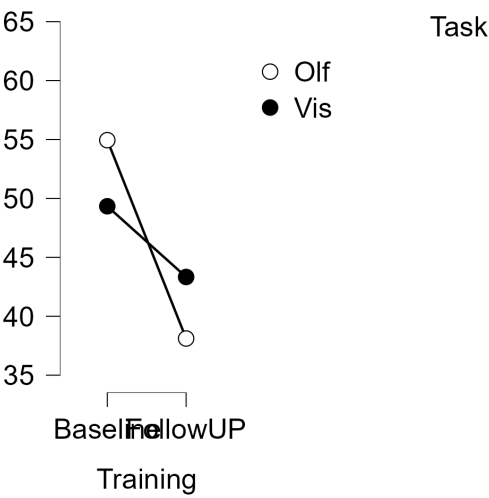
Note. All models include subject, and random slopes for all repeated measures factors.

Analysis of Effects

Effects	P(incl)	P(excl)	P(incl data)	P(excl data)	BF _{incl}
Training	0.600	0.400	0.951	0.049	12.812
Task	0.600	0.400	0.584	0.416	0.935
Training * Task	0.200	0.800	0.396	0.604	2.626

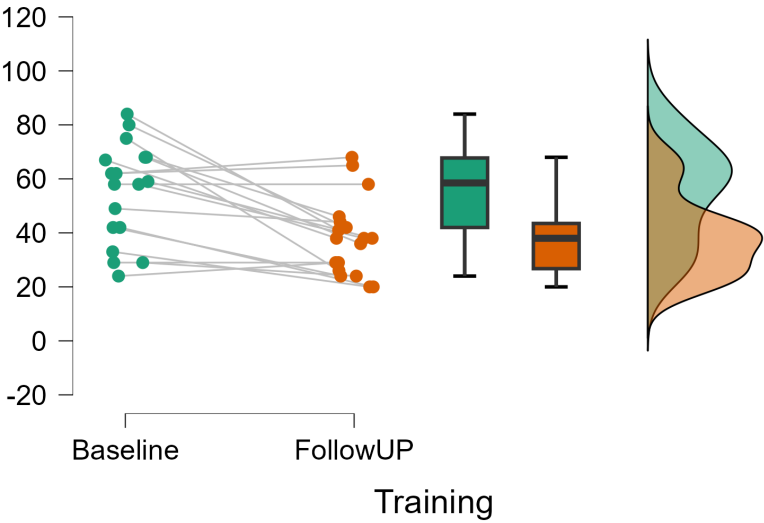
Descriptives

Descriptives plots

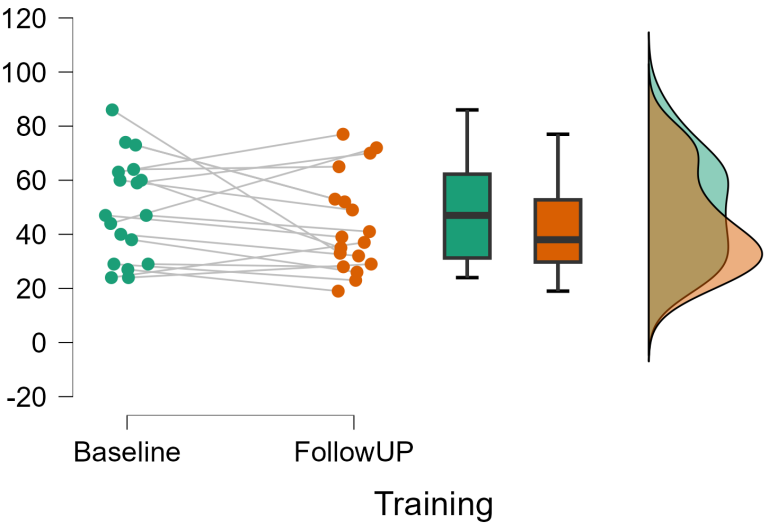


Raincloud plots

Dependent: Task: Olf



Dependent: Task: Vis



Olf demographic

Descriptive Statistics

	Age		aVisMeM		aOdorMeM		aCogn		aThresh		aDisc		aID	
	F	M	F	M	F	M	F	M	F	M	F	M	F	M
Valid	10	8	10	8	10	8	10	8	10	8	10	8	10	8
Mean	70.100	67.625	51.000	47.250	54.000	56.125	113.400	107.875	4.200	4.125	11.000	11.125	11.300	10.250
Std. Deviation	5.446	3.739	18.862	20.126	20.618	16.057	10.102	11.765	2.300	2.167	2.494	1.126	2.869	2.605
Minimum	64.000	63.000	24.000	24.000	29.000	24.000	98.000	89.000	1.000	1.000	7.000	9.000	6.000	6.000
Maximum	79.000	75.000	86.000	74.000	84.000	75.000	128.000	123.000	8.000	7.000	15.000	12.000	16.000	14.000

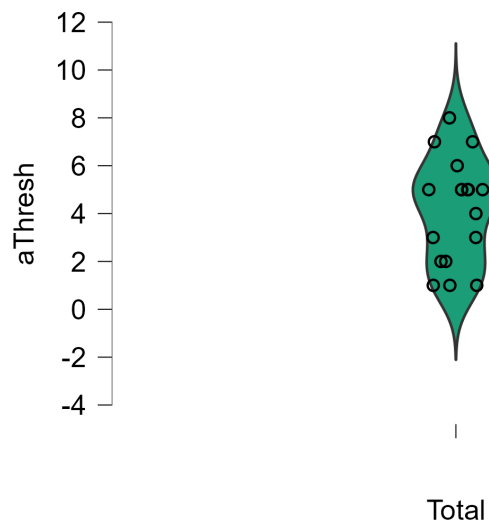
Descriptive Statistics

Descriptive Statistics

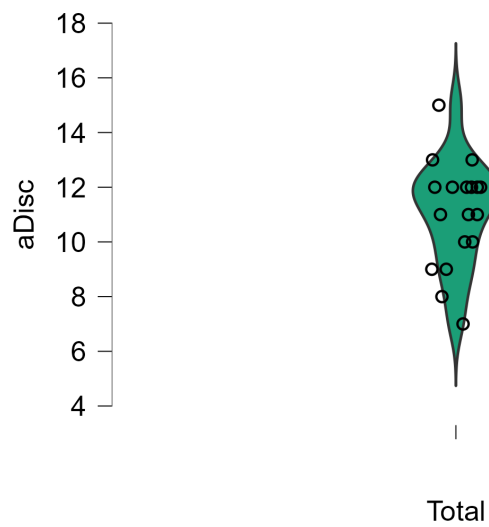
	aThresh	aDisc	aID
Valid	18	18	18
Missing	0	0	0
Mean	4.167	11.056	10.833
Std. Deviation	2.176	1.955	2.728
Minimum	1.000	7.000	6.000
Maximum	8.000	15.000	16.000

Boxplots

aThresh



aDisc

**aID**