

Results

Descriptive Statistics

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	6	10	6	10	6	10	6	10	6	10	6	10	6
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	71.900	71.000	53.900	44.333	46.500	56.000	116.200	115.667	5.400	3.667	11.400	10.000	10.900	10.667
Std. Deviation	5.043	2.191	19.035	11.742	14.370	7.483	6.877	14.095	2.797	2.503	1.713	2.449	2.183	3.445
Minimum	65.000	67.000	31.000	30.000	29.000	44.000	107.000	92.000	0.000	0.000	9.000	8.000	6.000	5.000
Maximum	80.000	73.000	85.000	61.000	71.000	66.000	126.000	130.000	10.000	7.000	14.000	13.000	14.000	14.000

Bayesian Repeated Measures ANOVA

Model Comparison

Models	P(M)	P(M data)	BF _M	BF ₁₀	error %
Training + Task + Training * Task	0.200	0.997	1549.875	1.000	
Training + Task	0.200	0.002	0.007	0.002	2.022
Task	0.200	5.474×10 ⁻⁴	0.002	5.488×10 ⁻⁴	1.954
Training	0.200	2.376×10 ⁻⁴	9.506×10 ⁻⁴	2.382×10 ⁻⁴	1.952
Null model (incl. subject and random slopes)	0.200	8.498×10 ⁻⁵	3.399×10 ⁻⁴	8.520×10 ⁻⁵	1.580

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	0.999	6.324×10 ⁻⁴	1053.547
Task	0.600	0.400	1.000	3.226×10 ⁻⁴	2066.106
Training * Task	0.200	0.800	0.997	0.003	1549.875

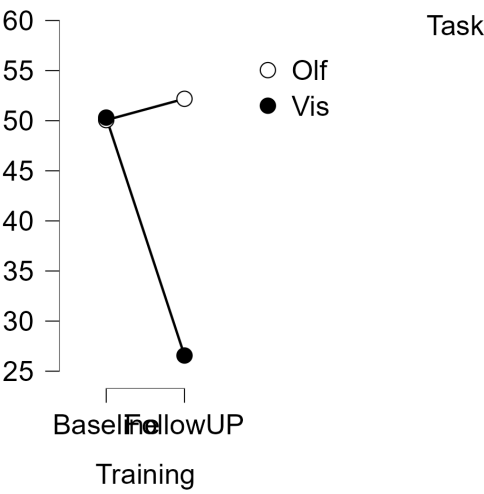
Single Model Inference

Single Model Posterior Summary

Variable	Level	Mean	SD	95% Credible Interval	
				Lower	Upper
Intercept		44.750	2.612	39.643	50.075
Training	Baseline	4.870	1.719	1.505	8.549
	FollowUP	-4.870	1.719	-8.549	-1.505
Task	Olf	5.774	1.658	2.539	9.119
	Vis	-5.774	1.658	-9.119	-2.539
Training * Task	Baseline & Olf	-5.750	1.750	-8.983	-2.312
	Baseline & Vis	5.750	1.750	2.312	8.983
	FollowUP & Olf	5.750	1.750	2.312	8.983
	FollowUP & Vis	-5.750	1.750	-8.983	-2.312

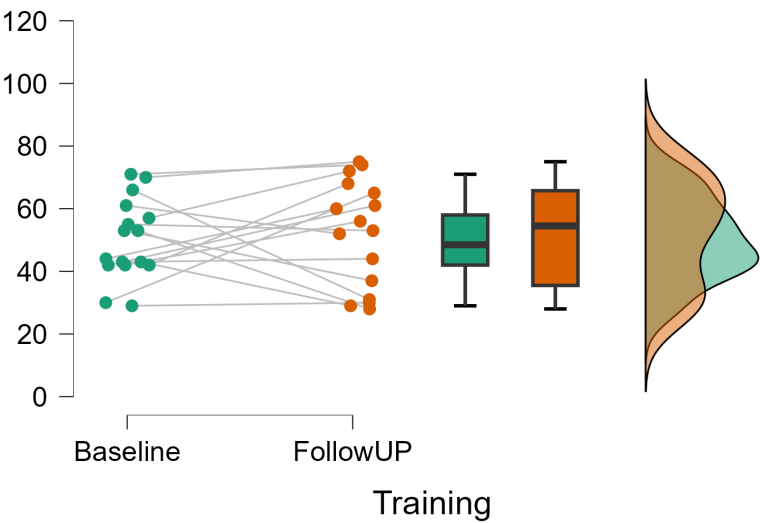
Descriptives

Descriptives plots



Raincloud plots

Dependent: Task: Olf



Dependent: Task: Vis

