

# Mixed Model

## Model Info

Info	
Estimate	Linear mixed model fit by REML
Call	AUC_zscore ~ 1 + condition+( 1   sid )+( 1   scan_id )
AIC	1142.80
BIC	1169.52
LogLikel.	1139.25
R-squared Marginal	0.01
R-squared Conditional	0.33
Converged	yes
Optimizer	bobyqa

Warning message: Model is nearly unidentifiable: large eigenvalue ratio - Rescale variables?

## Fixed Effect Omnibus tests

	F	Num df	Den df	p
condition	4.32	1	356.19	0.038

Warning message: Satterthwaite method for degrees of freedom

## Fixed Effects Parameter Estimates

Effect	Estimate	SE	95% Confidence Interval		df	t	p
			Lower	Upper			
(Intercept)	-0.02	0.08	-0.18	0.14	67.93	-0.24	0.815
deviant - mmn	0.17	0.08	0.01	0.32	356.19	2.08	0.038

## Random Components

Groups	Name	SD	Variance	ICC
sid	(Intercept)	0.30	0.09	0.12
scan_id	(Intercept)	0.48	0.23	0.26
Residual		0.82	0.68	

Warning message: Number of Obs: 426 , groups: sid 70, scan\_id 70

## Random Effect LRT

Test	N. par	AIC	LRT	df	p
(1   sid)	4	1147.25	2.27e-13	1.00	1.000
(1   scan_id)	4	1147.25	2.27e-13	1.00	1.000

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Post Hoc Comparisons - condition

Comparison		Difference	SE	t	df	p-value
condition	condition					
deviant	- mmn	0.17	0.08	2.08	356.11	0.038

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condition

condition	Mean	SE	df	95% Confidence Interval	
				Lower	Upper
deviant	0.06	0.09	104.47	-0.11	0.24
mmn	-0.10	0.09	104.47	-0.28	0.08

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