Generalized linear mixed model fit by maximum likelihood (Laplace Approximation) ['glmerMod']

Family: Gamma ( identity )

Formula: RT\_aud ~ c\_SOA \* is\_onset \* is\_task\_relevant + (1 \* c\_SOA \* is\_onset \*

is\_task\_relevant | sub\_num)

Data: all\_event\_table

AIC BIC logLik deviance df.resid

-3796.2 -3732.3 1908.1 -3816.2 4394

Scaled residuals:

Min 1Q Median 3Q Max

-2.4477 -0.5838 -0.2232 0.3334 11.3905

Random effects:

Groups Name Variance Std.Dev.

sub\_num (Intercept) 0.002767 0.0526

Residual 0.116458 0.3413

Number of obs: 4404, groups: sub\_num, 10

Fixed effects:

Warning in class(object) <- "environment" :

Setting class(x) to "environment" sets attribute to NULL; result will no longer be an S4 object

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Estimate Std. Error t value Pr(>|z|)

(Intercept) 0.534477 0.043773 12.210 < 2e-16 \*\*\*

c\_SOA -0.071773 0.023590 -3.043 0.00235 \*\*

is\_onset 0.034844 0.006611 5.271 1.36e-07 \*\*\*

is\_task\_relevant 0.002487 0.006371 0.390 0.69622

c\_SOA:is\_onset -0.139959 0.034165 -4.097 4.19e-05 \*\*\*

c\_SOA:is\_task\_relevant 0.001812 0.033448 0.054 0.95680

is\_onset:is\_task\_relevant 0.040188 0.009578 4.196 2.72e-05 \*\*\*

c\_SOA:is\_onset:is\_task\_relevant -0.070589 0.049664 -1.421 0.15522

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1

Correlation of Fixed Effects:

(Intr) c\_SOA is\_nst is\_ts\_ c\_SOA:s\_ c\_SOA:\_\_ is\_:\_\_

c\_SOA -0.007

is\_onset -0.070 0.043

is\_tsk\_rlvn -0.073 0.045 0.482

c\_SOA:s\_nst 0.005 -0.690 -0.113 -0.031

c\_SOA:s\_ts\_ 0.005 -0.705 -0.031 -0.055 0.487

is\_nst:s\_t\_ 0.048 -0.030 -0.689 -0.665 0.078 0.037

c\_SOA:s\_:\_\_ -0.003 0.474 0.077 0.037 -0.688 -0.673 -0.119

Analysis of Deviance Table (Type II Wald chisquare tests)

Response: RT\_aud

Chisq Df Pr(>Chisq)

c\_SOA 146.2518 1 < 2.2e-16 \*\*\*

is\_onset 110.2550 1 < 2.2e-16 \*\*\*

is\_task\_relevant 17.1068 1 3.533e-05 \*\*\*

c\_SOA:is\_onset 48.8293 1 2.792e-12 \*\*\*

c\_SOA:is\_task\_relevant 1.4899 1 0.2222

is\_onset:is\_task\_relevant 16.4518 1 4.990e-05 \*\*\*

c\_SOA:is\_onset:is\_task\_relevant 2.0202 1 0.1552

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Signif. codes: 0 ‘\*\*\*’ 0.001 ‘\*\*’ 0.01 ‘\*’ 0.05 ‘.’ 0.1 ‘ ’ 1