

## 6. B/A Spread Granger-Causes HR

mdl =

**Generalized linear mixed-effects model fit by PL**

**Model information:**

Number of observations	123
Fixed effects coefficients	8
Random effects coefficients	16
Covariance parameters	2
Distribution	Normal
Link	Identity
FitMethod	MPL

**Formula:**

Earnings ~ 1 + Granger\_0:Treatment + Granger\_5:Treatment + Granger\_10:Treatment + Granger\_15:Treatment + Granger\_20:Treatment + Granger\_25:Treatment + Granger\_30:Treatment + (1 | Session)

**Model fit statistics:**

AIC	BIC	LogLikelihood	Deviance
2527.5	2555.6	-1253.7	2507.5

**Fixed effects coefficients (95% CIs):**

Name	Estimate	SE	tStat	DF	pValue	Lower	Upper
{ '(Intercept)' }	24558	736.68	33.336	115	6.1272e-61	23099	26017
{ 'Granger_0:Treatment_1' }	-383.21	429.62	-0.89197	115	0.37427	-1234.2	467.79
{ 'Granger_5:Treatment_1' }	-200.83	349.42	-0.57474	115	0.56659	-892.96	491.31
{ 'Granger_10:Treatment_1' }	-24.739	442.46	-0.055912	115	0.95551	-901.16	851.68
{ 'Granger_15:Treatment_1' }	-101.55	538.95	-0.18842	115	0.85088	-1169.1	966
{ 'Granger_20:Treatment_1' }	509.28	326.28	1.5608	115	0.12131	-137.03	1155.6
{ 'Granger_25:Treatment_1' }	-146.55	453.95	-0.32283	115	0.74741	-1045.7	752.64
{ 'Granger_30:Treatment_1' }	458.57	402.89	1.1382	115	0.2574	-339.48	1256.6

**Random effects covariance parameters:**

Group: Session (16 Levels)

Name1	Name2	Type	Estimate
{ '(Intercept)' }	{ '(Intercept)' }	{ 'std' }	1653.6

Group: Error

Name	Estimate
{ 'sqrt(Dispersion)' }	6287.6

LRstat =

**Theoretical Likelihood Ratio Test**

Model	DF	AIC	BIC	LogLik	LRstat	deltaDF	pValue
mdlR	3	2519.6	2528	-1256.8			
mdl	10	2527.5	2555.6	-1253.7	6.0892	7	0.52938