5. HR Granger-Causes B/A Spread

```
mdl =
Generalized linear mixed-effects model fit by PL

Model information:
    Number of observations         123
    Fixed effects coefficients       5
    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 + (1 | Session)

Model fit statistics:
    AIC     BIC      LogLikelihood   Deviance
    2521    2540.7   -1253.5         2507
```

Fixed effects coefficients (95% CIs):

Name	Estimate	SE	tStat	DF	pValue	Lower	Upper
{'(Intercept)' }	24535	633.13	38.751	118	5.8343e-69	23281	25789
{'Granger_0:Treatment_1' }	578.56	361.56	1.6002	118	0.11223	-137.43	1294.5
{'Granger_5:Treatment_1' }	-37.248	415.26	-0.089697	118	0.92868	-859.58	785.08
{'Granger_10:Treatment_1'}	732.75	412.42	1.7767	118	0.078193	-83.954	1549.5
{'Granger_15:Treatment_1'}	-430.38	358.2	-1.2015	118	0.23196	-1139.7	278.96

Random effects covariance parameters:
Group: Session (16 Levels)

Name1	Name2	Type	Estimate
{'(Intercept)'}	{'(Intercept)'}	{'std'}	522.49

Group: Error

Name	Estimate
{'sqrt(Dispersion)'}	6431.2

```
LRstat =
    Theoretical Likelihood Ratio Test
```

Model	DF	AIC	BIC	LogLik	LRStat	deltaDF	pValue
mdlR	3	2519.6	2528	-1256.8			
mdl	7	2521	2540.7	-1253.5	6.5582	4	0.16116