

```

> withGroup <- lmer(formula = G.ari.mean ~ r.i:Group + t.k +
+                    (1|G) + (1|L) + (1|Y) + (1|Y:L) + (1|L:G) + (1|Y:G),
+                    data      = dat)
> # Type III Analysis of Variance Table with Satterthwaite's method
> anova(withGroup)
Type III Analysis of Variance Table with Satterthwaite's method
      Sum Sq Mean Sq NumDF  DenDF  F value    Pr(>F)
t.k      0.3046  0.30457     1 14.004   0.9209  0.353518
r.i:Group 8.1678  1.63356     5 24.471   4.9392  0.002901 **
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
> # Fixed effects. t-tests use Satterthwaite's method
> coef(summary(withGroup))

```

	Estimate	Std. Error	df	t value	Pr(> t)
(Intercept)	-46.223782767	44.004077466	19.28084	-1.0504432	0.3065031
t.k	0.019273273	0.020084049	14.00357	0.9596309	0.3535180
r.i:GroupAromatic	0.005322837	0.009027666	20.15078	0.5896139	0.5620030
r.i:GroupLong	0.005919468	0.009034842	20.15436	0.6551822	0.5197593
r.i:GroupMedium	0.005883291	0.009043624	20.15470	0.6505458	0.5226874
r.i:GroupShort	0.005681231	0.008962133	20.17469	0.6339151	0.5332584
r.i:GroupStress	0.005733012	0.008960372	20.15913	0.6398185	0.5294956