```
> summary(aov(sqrt.netc~geno.net*quad.net+Error(tree.net/(quad.net))))

Error: tree.net
          Df  Sum Sq  Mean Sq F value  Pr(>F)
geno.net  13 0.33475 0.025750  2.0624 0.03559 *
Residuals 47 0.58681 0.012485
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Error: tree.net:quad.net
                  Df  Sum Sq  Mean Sq F value   Pr(>F)
quad.net           1 0.15557 0.155567  9.4199 0.003559 **
geno.net:quad.net 13 0.36137 0.027797  1.6832 0.096450 .
Residuals         47 0.77619 0.016515
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
> summary(aov(sqrt.netd~geno.net*quad.net+Error(tree.net/(quad.net))))

Error: tree.net
          Df  Sum Sq Mean Sq F value  Pr(>F)
geno.net  13  6.4509 0.49622  1.7952 0.07218 .
Residuals 47 12.9918 0.27642
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Error: tree.net:quad.net
                  Df  Sum Sq Mean Sq F value   Pr(>F)
quad.net           1  2.6064 2.60638  8.5173 0.005383 **
geno.net:quad.net 13  7.6168 0.58591  1.9147 0.052721 .
Residuals         47 14.3825 0.30601
---
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
> exactRLRT(lmer(sqrt.netd~(1|geno.net)+(quad.net.::tree.net)))

    simulated finite sample distribution of RLRT.  (p-value based on 10000
    simulated values)

data:
RLRT = 3.1349, p-value = 0.0332

> exactRLRT(lmer(sqrt.netc~(1|geno.net)+(quad.net.::tree.net)))

    simulated finite sample distribution of RLRT.  (p-value based on 10000
    simulated values)

data:
RLRT = 2.3151, p-value = 0.0556
```