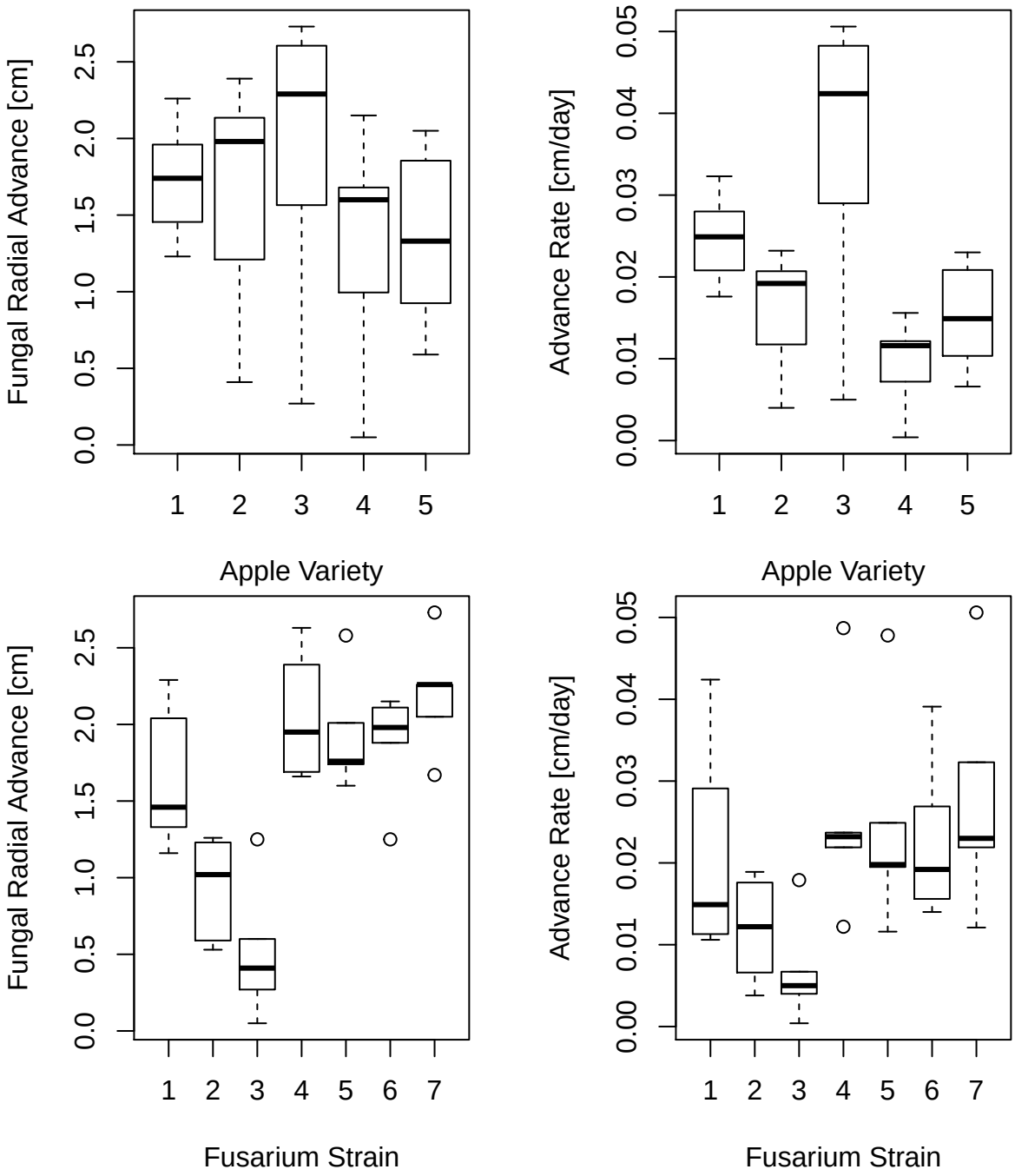
ANOVA

1 Introduction

In the article [1], some rotten apples are studied. We analyse their data.

2 Data exploration




```
##             Df    Sum Sq   Mean Sq F value   Pr(>F)
## varieties    4 0.0030056 0.0007514  20.810 1.63e-07 ***
## strains      6 0.0018670 0.0003112   8.618 4.70e-05 ***
## Residuals   24 0.0008666 0.0000361
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
##  (Intercept)   varieties2   varieties3   varieties4   varieties5
##  0.026020000 -0.008728571  0.011442857 -0.015157143 -0.009357143
##     strains2     strains3     strains4     strains5     strains6
## -0.009840000 -0.014860000  0.004280000  0.003060000  0.001300000
##     strains7
##  0.006320000
```

3 Next part

Allow to see that wonderful header

References

[1] A. S. Horne Frederick Gugenheim Gregory Vernon Herbert Blackman "A quantitative study of the course of fungal invasion of the apple fruit, and its bearing on the nature of disease resistance.—Part II. The application of the statistical method to certain specific problems". **102**. *Proceedings of the Royal Society of London. Series B, Containing Papers of a Biological Character* http://doi.org/10.1098/rspb.1928.0018