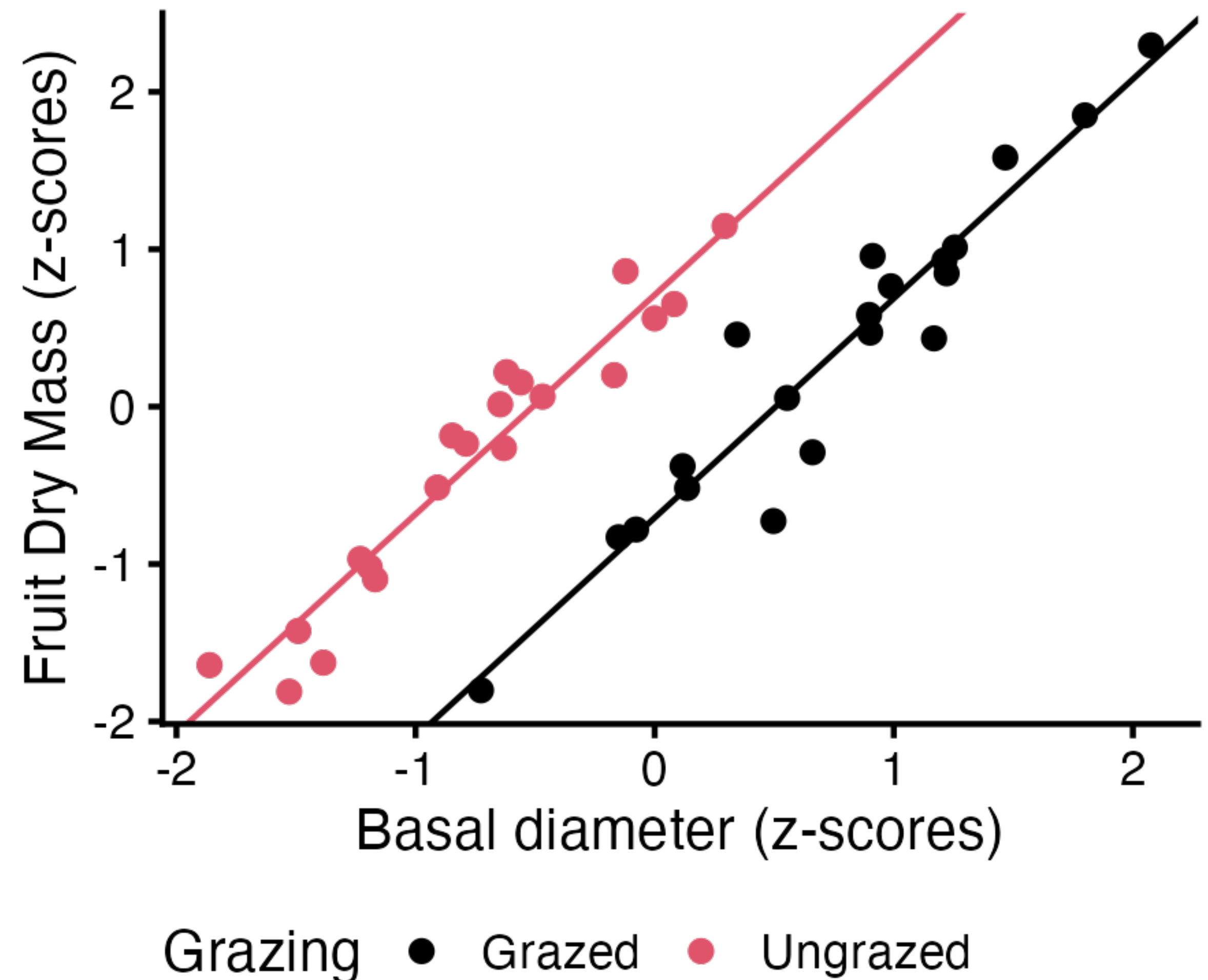# Model with treatment and size

```
m2 = ulam(alist(
        Fruit ~ normal(mu, sigma),
        mu <- a + b*Grazing0 + c*Root,
        a ~ normal(0, 1),
        b ~ normal(0, 1),
        c ~ normal(0, 1),
        sigma ~ exponential(1)),
data = df, chains = 4, cores = 4)
```

```
> precis(m2, prob = 0.95)
        mean    sd   2.5%  97.5%
a      -0.71  0.08  -0.86  -0.54
b       1.42  0.14   1.13   1.67
c       1.39  0.07   1.26   1.53
sigma   0.28  0.03   0.23   0.36
```

# Model with treatment and size



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        mu <- a + b*Grazing0 + c*Root,
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