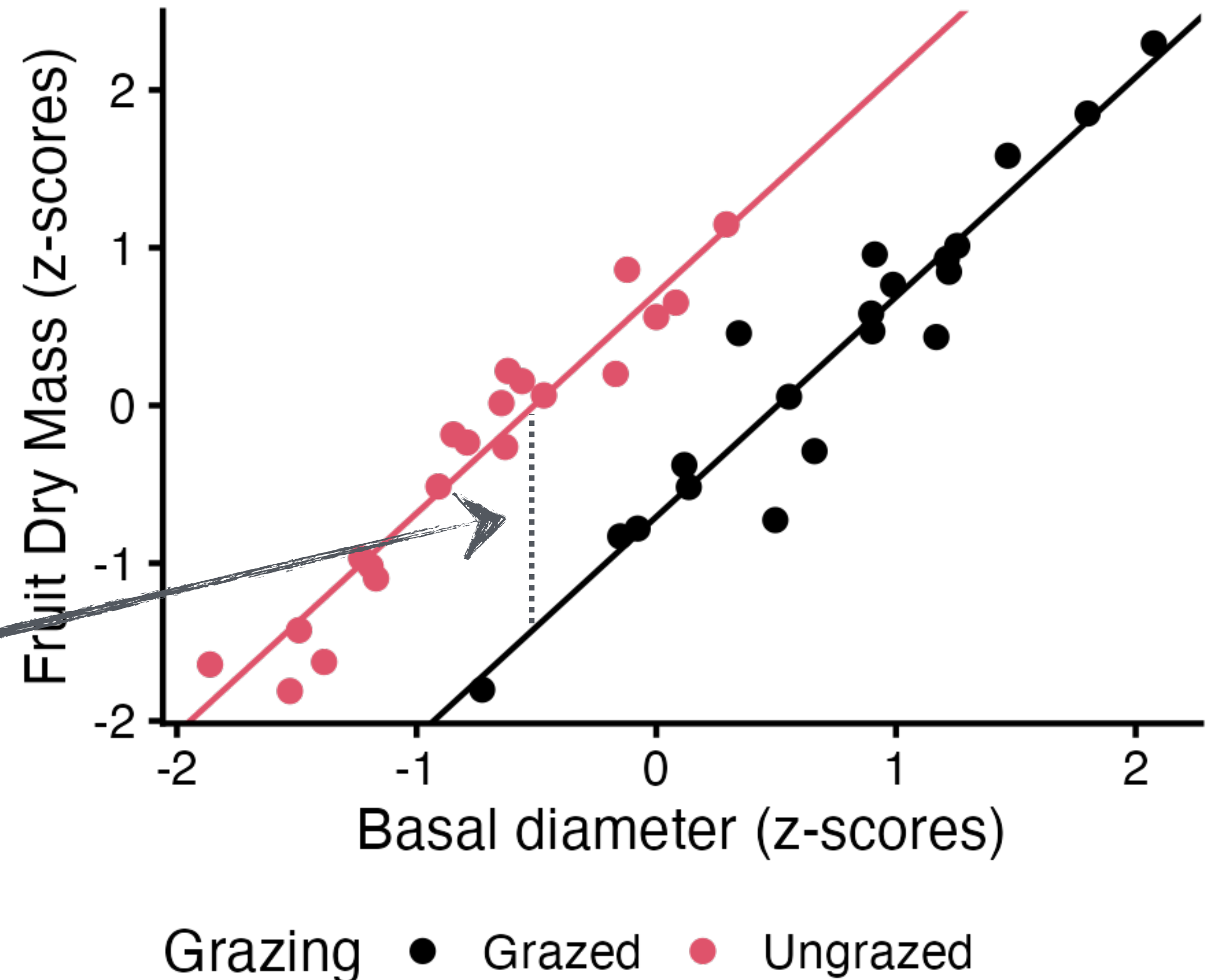


# Model with treatment and size

```
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

```
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
```

