Model in the computer

Centering both variables is always a good idea

```
df < -data.frame(growth = c(12, 10, 8, 11, 6, 7, 2, 3, 3),
                    tannin = c(0, 1, 2, 3, 4, 5, 6, 7, 8))
df$tannin = scale(df$tannin, scale = FALSE)
df$growth = scale(df$growth, scale = FALSE)
fit = ulam(alist(growth ~ normal(mu, sigma),
                                                         y_i \sim N(\mu_i, \sigma)
                     mu <- a + b*tannin,
                                                         \mu_i = \alpha + \beta x_i
                      a \sim normal(0, 1),
                                                         \alpha \sim N(0,1)
                      b \sim normal(0, 1),
                                                         \beta \sim N(0,1)
                      sigma ~ exponential(1)),
                                                        \sigma \sim Exp(1)
              data = df
```

Model fit

