```
. . .
data {
  int<lower=0> 1:
  real v[J]:
  real<lower=0> sigma[J]:
parameters {
 real mu:
  real<lower=0> tau:
  vector[J] theta_tilde;
transformed parameters {
  vector[]] theta = mu + tau * theta tilde:
model {
  mu \sim normal(0, 5):
  tau \sim normal(0, 5):
  theta tilde ~ normal(0, 1):
  y ~ normal(theta, sigma);
```



```
•••
    theta tilde = tf .cast(params[2], tf .float64)
    target += tf__reduce_sum(tfd__Hormalitf__cast(0, tf___float64)).log_prob(tas))
tf__(ast(0, tf___float64)).log_prob(theta_t((de)))
```

