

- `using StanSample ✓ , Random ✓`

```
• stan_chris = "
• data {
•     int n_rows;
•     int<lower=1> n_cols;
•     matrix<lower=0>[n_rows,n_cols] x;
• }
•
• parameters {
•     real mu;
• }
•
• model {
•     mu ~ normal(0, 1);
• }";
```

- `seed = 65445;`

► `TaskLocalRNG()`

- `Random.seed!(seed)`

```
n_rows = 50
```

- `n_rows = 50`

```
n_cols = 2
```

- `n_cols = 2`

```
x = 50×2 Matrix{Int64}:
```

```
 0 0
 0 0
 0 0
 0 0
 0 0
 0 0
 0 0
 0 0
⋮
 0 0
 0 0
 0 0
 0 0
 0 0
 0 0
 0 0
```

- `x = fill(0, n_rows, n_cols)`

```
data = ▶ (x = 50×2 Matrix{Int64}:, n_rows = 50, n_cols = 2)
 0  0
 0  0
 0  0
 0  0
 0  0
 0  0
 0  0
⋮
 0  0
 0  0
 0  0
 0  0
 0  0
 0  0
 0  0
```

- `data = (x = x, n_rows = n_rows, n_cols = n_cols)`

```
▶ (50, 2)
```

- `size(data.x)`

- `sm = SampleModel("chris", stan_chris);`

```
/var/folders/l7/pr04h0650q5dvqttnvs8s2c00000gn/T/jl_o7Maf2/chris.stan
updated.
```



```
rc =
▶ ProcessChain([Process(`/var/folders/l7/pr04h0650q5dvqttnvs8s2c00000gn/T/jl_o7Ma
  • rc = stan_sample(sm; data, seed)
```

mu

1	0.480519
2	0.543407
3	0.593778
4	0.374059
5	-0.824163
6	-1.18773
7	-0.435741
8	-0.799463
9	-0.926161
10	-1.32081
⋮ more	
4000	1.47086

- `if success(rc)`
- `read_samples(sm , :dataframe)`
- `end`