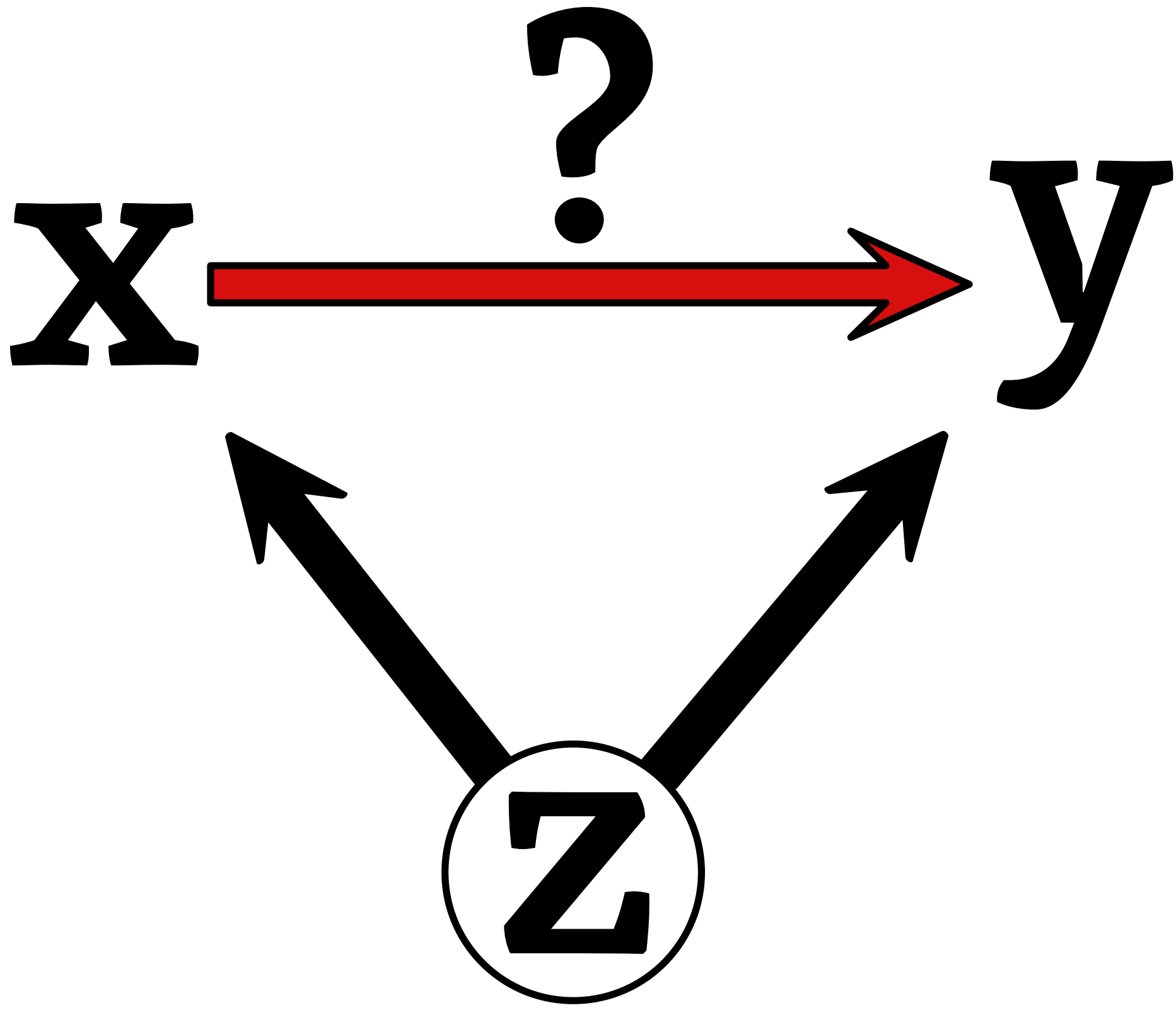
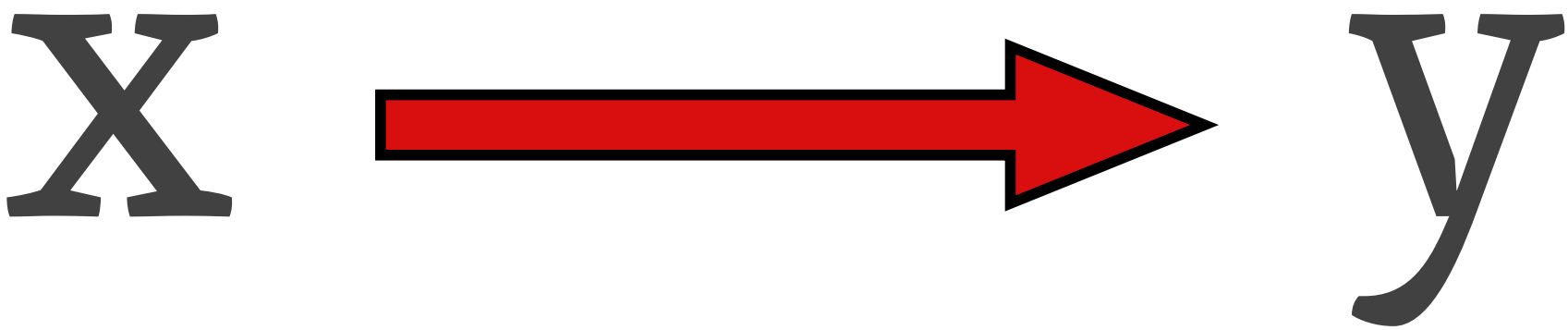
MODEL ESTIMATES WITHOUT THE CONFOUNDER

```
> precis(m1)
      mean   sd 5.5% 94.5% n_eff Rhat4
a     0.54 0.14 0.32  0.77  1274     1
bx    1.47 0.08 1.34  1.60  1432     1  # Estimate of the effect of x on y
sigma 1.33 0.10 1.19  1.49  1418     1
```

Simulation R code

```
N = 100
z = rnorm(N)                # z ~ normal(0, 1)
x = rnorm(N, 1 + z)         # x ~ normal(1 + z, 1)
y = rnorm(N, 1 + x + z) # y ~ normal(1 + x + z, 1)
```


?
x
y
z


x
y

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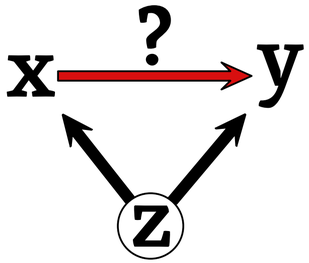
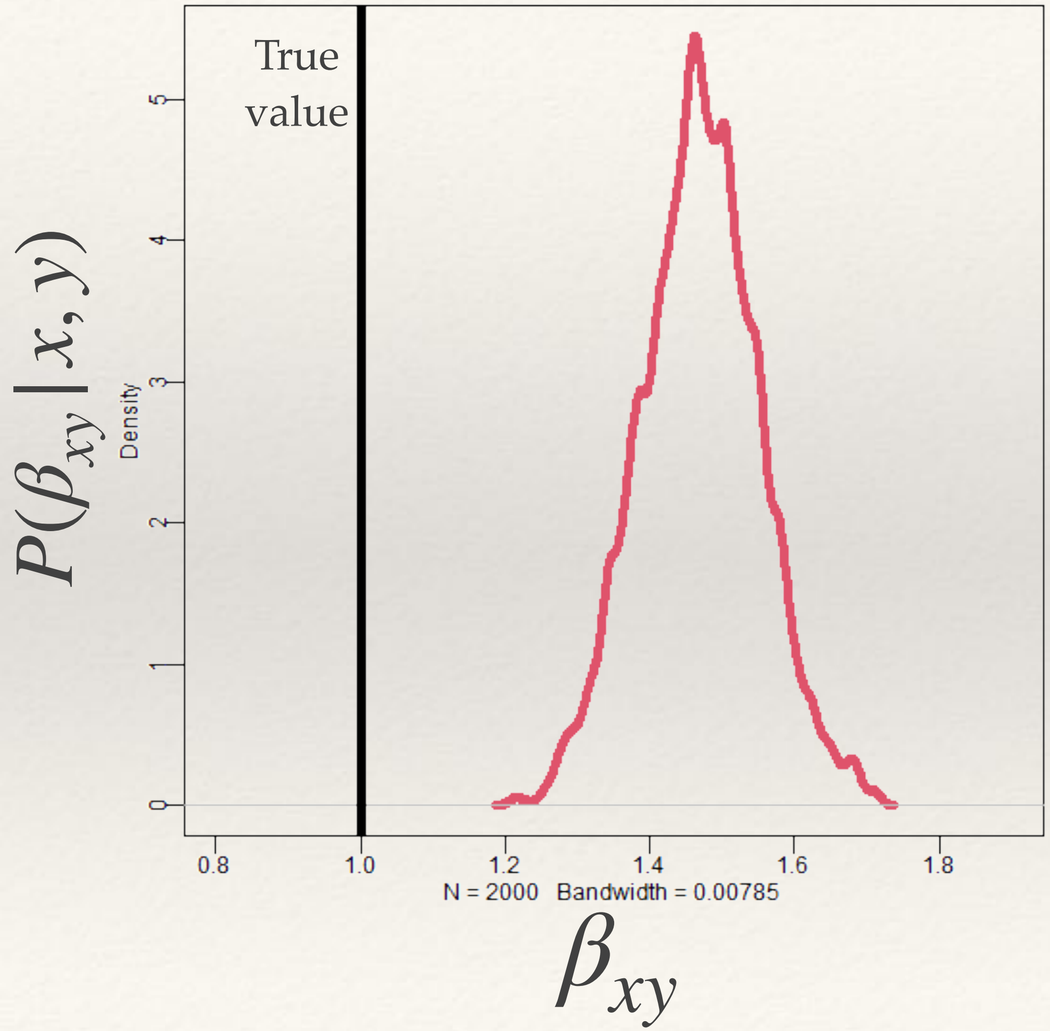
POSTERIOR DISTRIBUTION OF β_{xy} WITHOUT THE CONFOUNDER