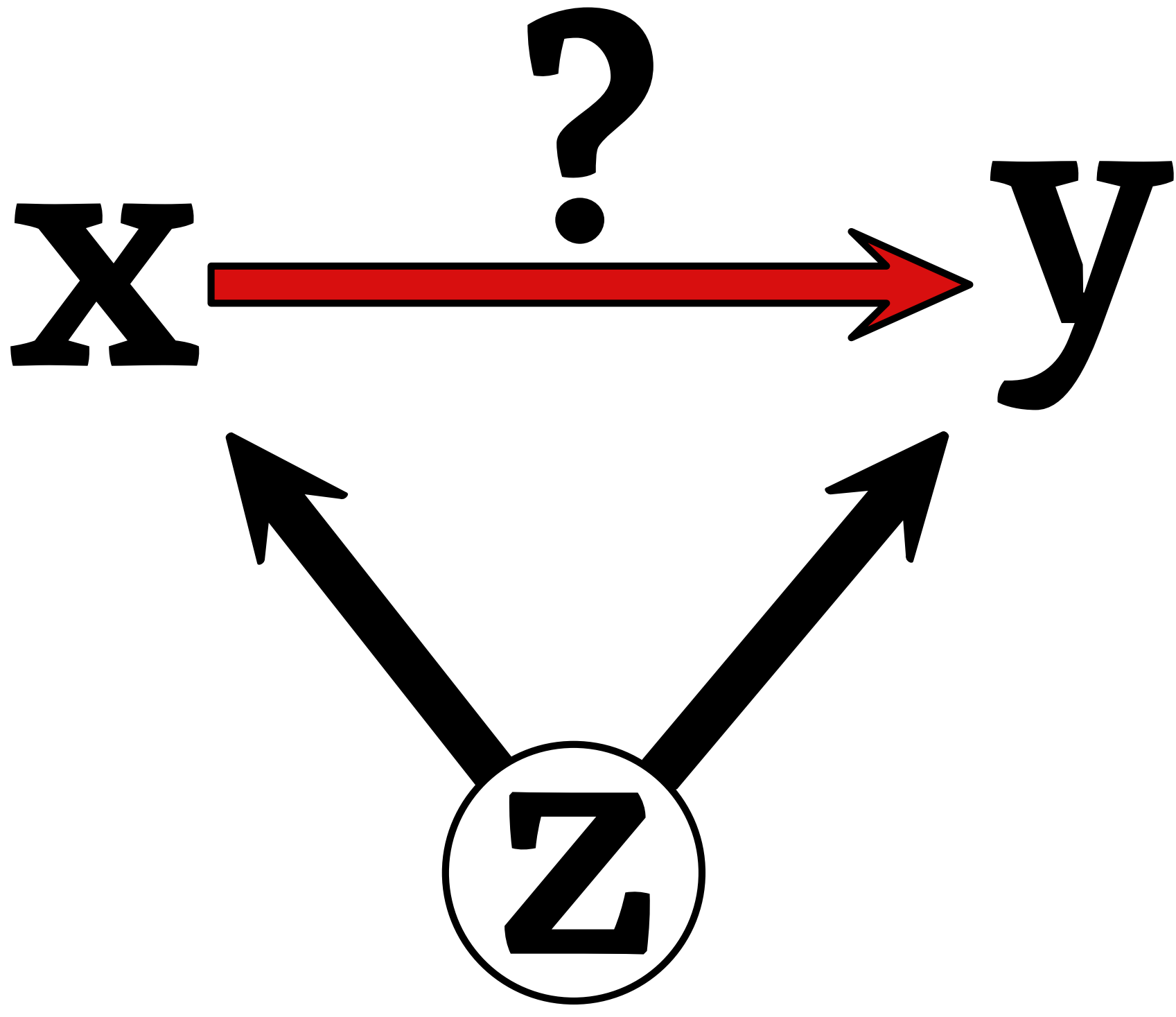
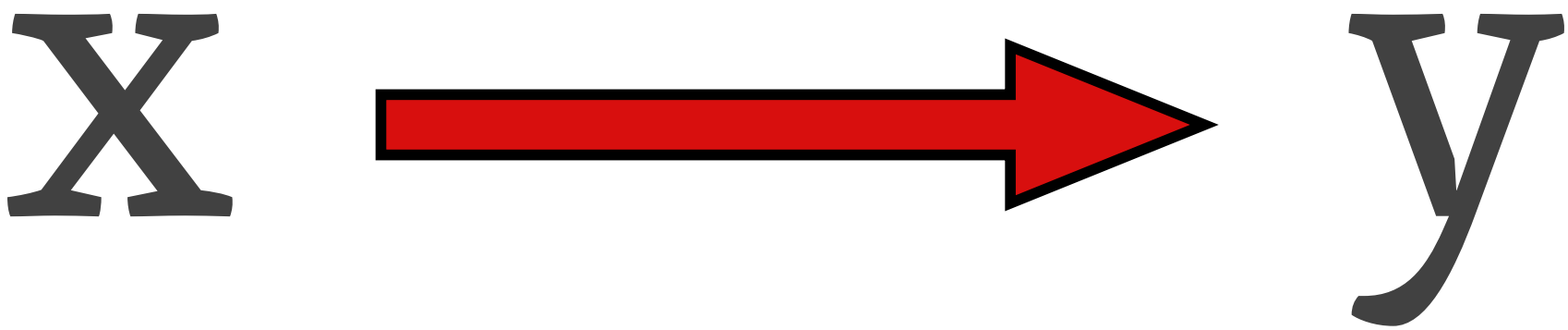
Statistical model without the confounder z

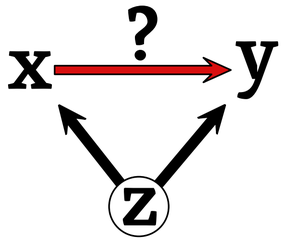
Code

```
N = 200
z = rbinom(N, 1, 0.5)
x = rnorm(N, 1 + z)
y = rnorm(N, 1 + 0.5*x + 2*z)
m1 = lm(y ~ x)
```


?
x
y
z


x
y

Statistical model without the confounder z



Code

x → y

```
N = 200
z = rbinom(N, 1, 0.5)
x = rnorm(N, 1 + z)
y = rnorm(N, 1 + 0.5*x + 2*z)
m1 = lm(y ~ x)
```

Model estimates without the confounder

```
> (pm1 = precis(m1))
             mean   sd 5.5% 94.5%
(Intercept) 1.18 0.16 0.93  1.43
x           0.94 0.08 0.82  1.06
```