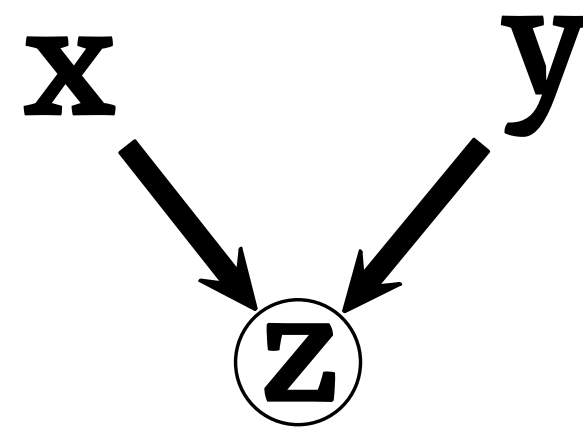


# No effect of x on y, but both affect z

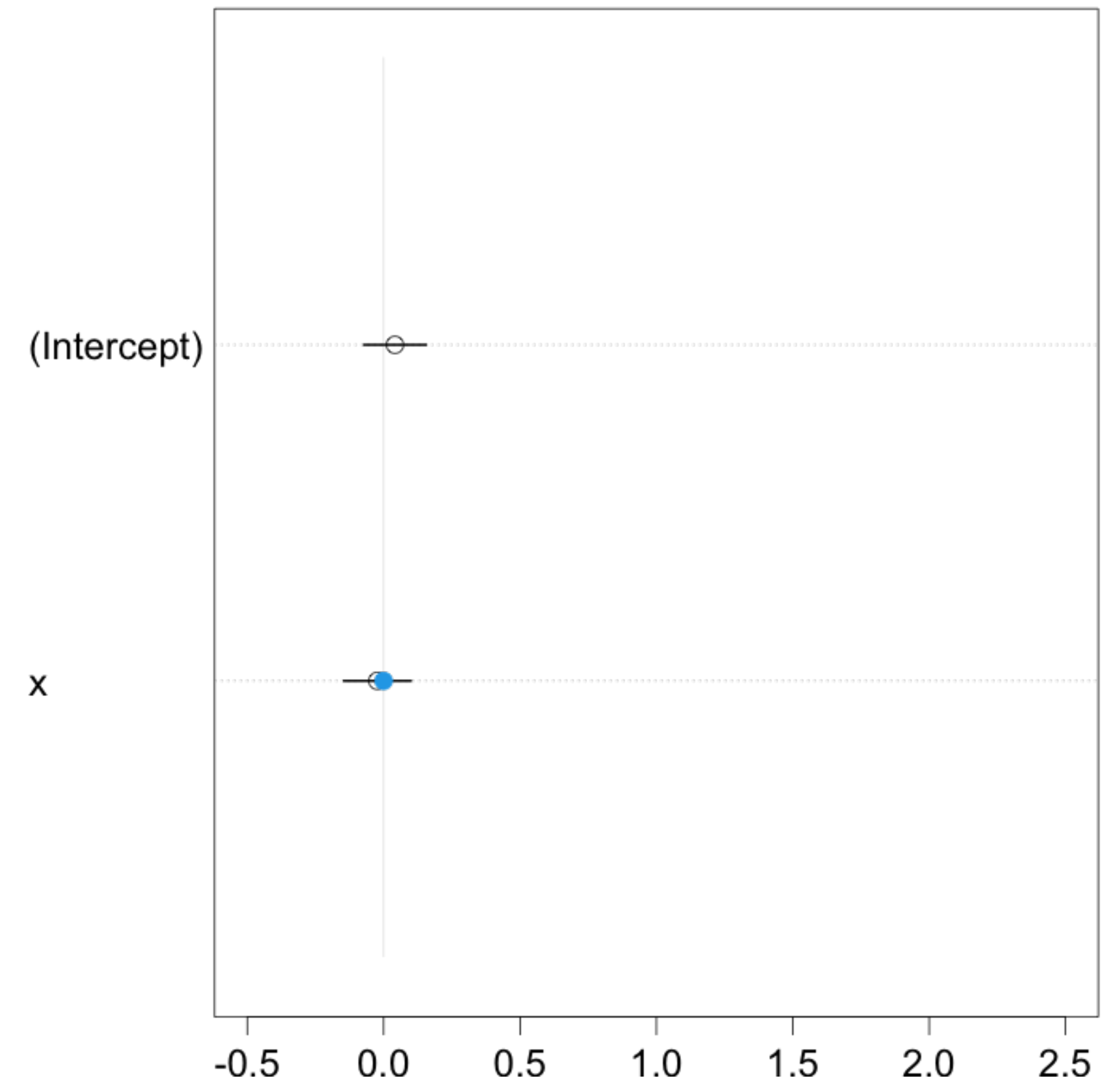
```
set.seed(1)
N = 200
x = rnorm(N)
y = rnorm(N)
z = rbinom(N, 1, inv_logit(2*x + 2*y - 2))
```



```
m1 = lm(y ~ x)
```

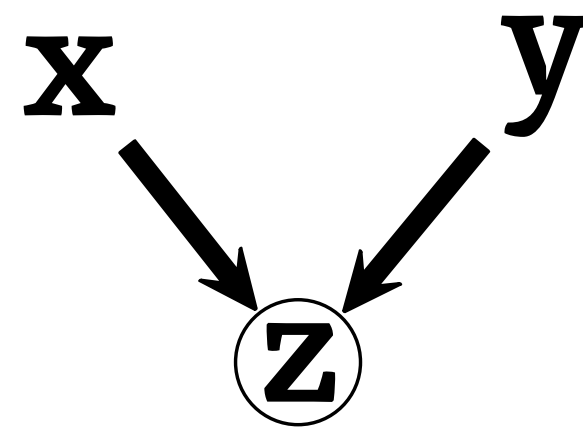
```
> (pm1 = precis(m1))
```

|             | mean  | sd   | 5.5%  | 94.5% |
|-------------|-------|------|-------|-------|
| (Intercept) | 0.04  | 0.07 | -0.07 | 0.16  |
| x           | -0.02 | 0.08 | -0.15 | 0.10  |



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