Causal modelling

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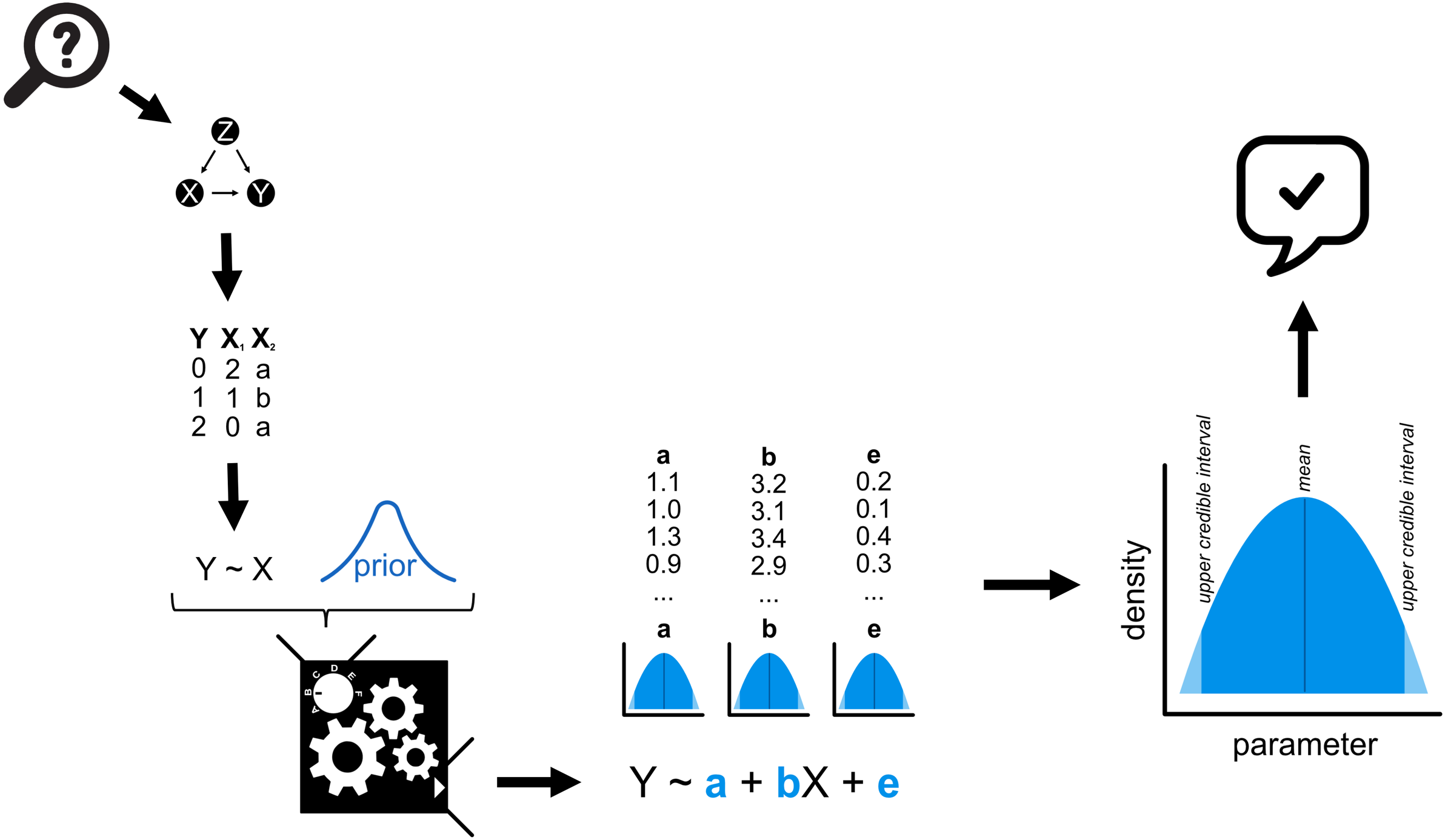
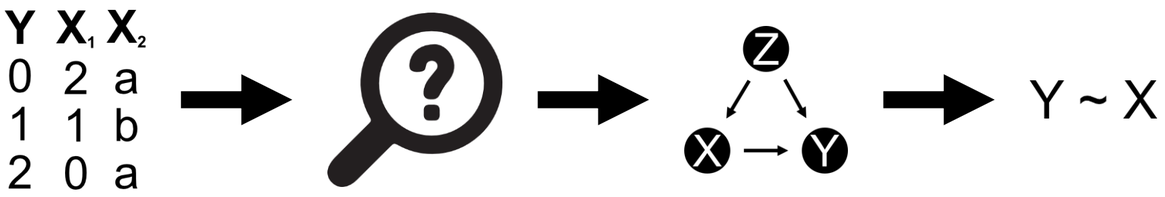

Z
X
Y
Y X1 X2
0 2 a
1 1 b
2 0 a
Y ~ X
prior
a
1.1
1.0
1.3
0.9
...
b
3.2
3.1
3.4
2.9
...
e
0.2
0.1
0.4
0.3
...
Y ~ a + bX + e
density
upper credible interval
mean
upper credible interval
parameter

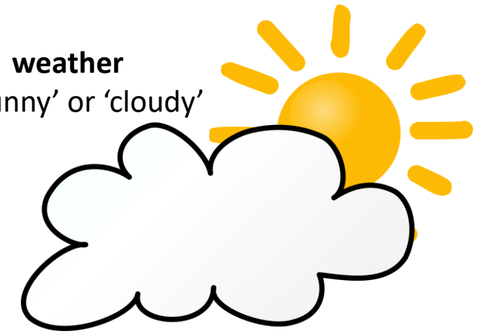
Today



Our data

daily **tv watching** in minutes

weather
as ‘sunny’ or ‘cloudy’



daily **profit** in euros

daily **pest control** level
0 to 10 scale

daily **pesticide shop** visits

daily **work time** in minutes

How daily work time affects daily plant growth?

plant growth per day (mm)