

## Probability expressions

## PGoG syntax

$$P(A, B, C) = P(A) \times P(B|A) \times P(C|A, B)$$

```
geom_bloc:
  height ← P(A)
           P(B|A)
  width  ← P(C|A, B)
         x ← A
  color  ← B
  fill   ← C
```

Resulting plot describing  $P(A, B, C)$ 