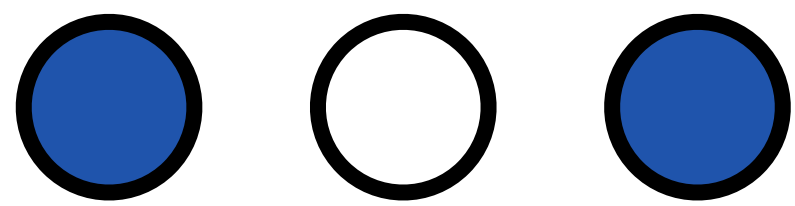
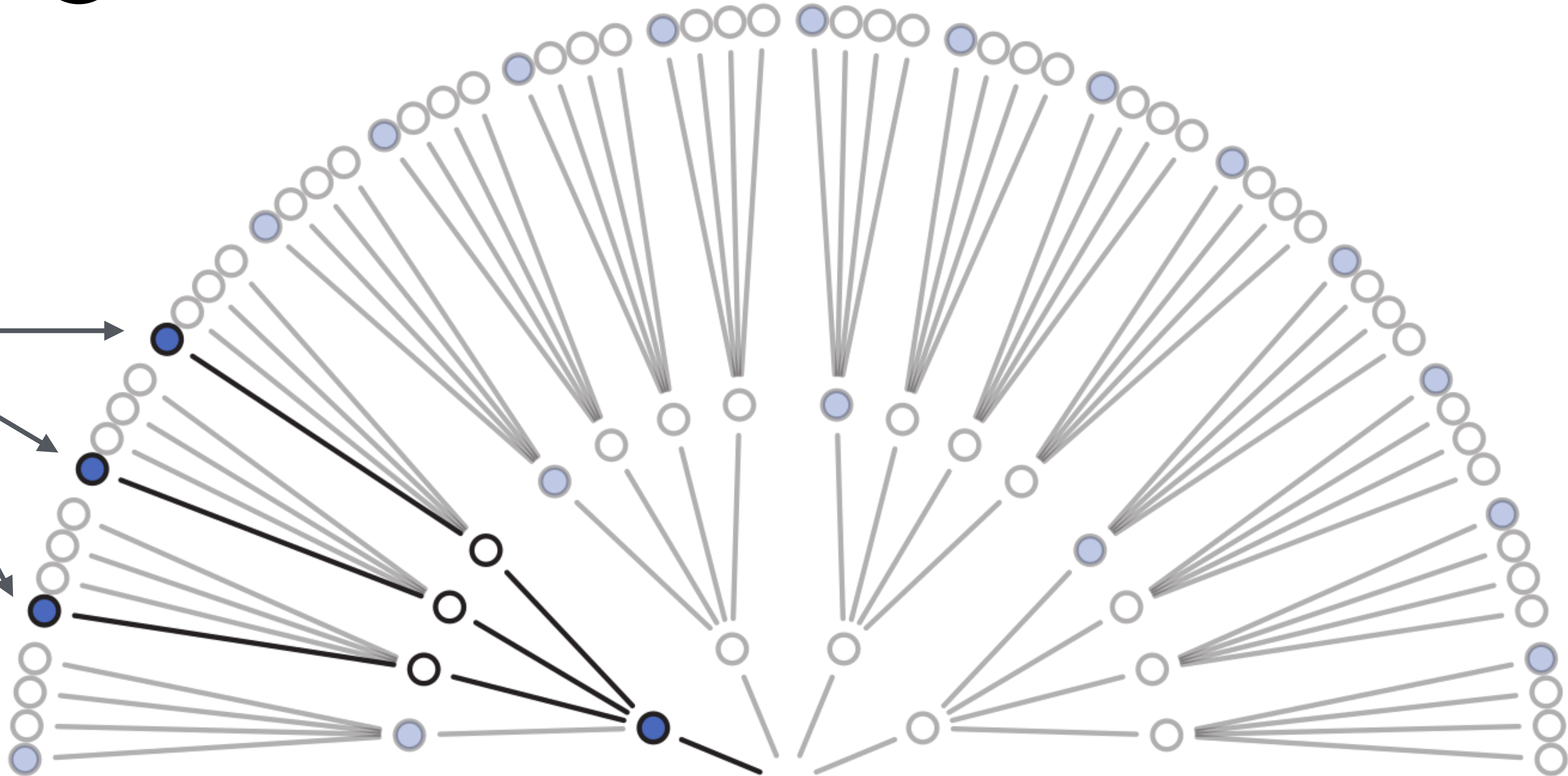


Likelihood as counting

How many of these possible draws are compatible with the data?



3 ways to
produce
the data



All the possibilities

Conjecture	Ways to produce ●○●
[○○○○○]	$0 \times 4 \times 0 = 0$
[●○○○○]	$1 \times 3 \times 1 = 3$
[●●○○○]	$2 \times 2 \times 2 = 8$
[●●●○○]	$3 \times 1 \times 3 = 9$
[●●●●○]	$4 \times 0 \times 4 = 0$

