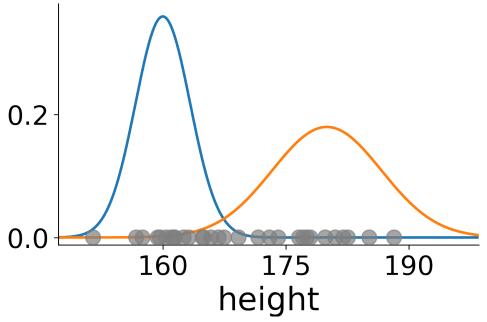
## **Expectation Maximization**



What if we don't know the sources?

If we know parameters  $\theta$ , easy:

$$p(t = 1 \mid x, \theta) = \frac{p(x \mid t = 1, \theta) p(t = 1 \mid \theta)}{Z}$$