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- Procedure: keep track of a full instantiation x₁, x₂, ..., x_n. Start with an arbitrary instantation consistent with the evidence. Sample one variable at a time, conditioned on all the rest, but keep evidence fixed. Keep repeating this for a long time.
- Property: in the limit of repeating this infinitely many times the resulting sample is coming from the correct distribution
- *What's the point*: both upstream and downstream variables condition on evidence.

In contrast: likelihood weighting only conditions on upstream evidence, and hence weights obtained in likelihood weighting can sometimes be very small. Sum of weights over all samples is indicative of how many "effective" samples were obtained, so want high weight.

53





