## **Generative story**

$$p(f, a|e) = p(J|e) \prod_{j=1}^{J} p(a_j|a_1^{j-1}, f_1^{j-1}, J, e) \times p(f_j|a_j, a_1^{j-1}, f_1^{j-1}, J, e)$$

- 1. Choose the length of the foreign sentence
- 2. Choose an alignment for each word (given lots of things)
- 3. Choose the word (given lots of things)