Greedy Decoding — cont.

- Pros:
  - Fast and memory-efficient
  - Gives reasonable results
- Cons:
  - We are interested in the most probable <u>sentence</u>:

$$(y^*)_{i=0}^N = \underset{(y)_{i=0}^N}{\mathrm{argmax}}\, p(y_0, ..., y_N | h)$$

  - Other methods: better results for the cost of a slow-down.