

An example of HMM: transition probabilities

Suppose that we have the following PoS tags:
ADJ, NOUN, VERB.

Consider the transition probabilities between tags:

from \ to	ADJ	NOUN	VERB
ADJ	0.4	0.4	0.2
NOUN	0.2	0.4	0.4
VERB	0.1	0.6	0.3

Note that the sum of probabilities in each row is equal to 1.

Let all initial state probabilities be equal (to $1/3$).