

Syntactic Disambiguation

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Homework: build the most probable parse tree for “She books the flight from NWA to Houston”

$$P(S) = 0.8 \times 0.2 \times 0.3 \times 0.1 \times 0.3 \times 1 \times 0.5 \times 1 \times 0.5 \times 0.2 \times 0.5 \times 0.6 \times 0.25 \times 0.2 \times 0.8 \\ \times 0.6 \times 0.3 \times 0.2 \times 0.5 = 0.000000015552$$

