

Break & Quiz

Q 1.1: Which of the below are bigrams from the sentence “It is cold outside today”.

- A. It is
- B. cold today
- C. is cold
- D. A & C

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Q 1.2: Smoothing is increasingly useful for n-grams when

- A. n gets larger
- B. n gets smaller
- C. always the same
- D. n larger than 10

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Q 2.1: What is the perplexity for a sequence of n digits 0-9? All occur independently with equal probability.

- A. 10
- B. 1/10
- C. 10^n
- D. 0

$$\text{PP}(W) = P(w_1, w_2, \dots, w_n)^{-\frac{1}{n}}$$