

GloVe Word Vectors *CORRECTION*

1. Correction in "GloVe word vectors," slide 2 (1:14):

X_{ij} is the number of times word j occurs in the context of word i .

Corrected slide:

GloVe (global vectors for word representation)

I want a glass of orange juice to go along with my cereal.

c, t
 $X_{ij} = \# \text{ times } \overset{j}{\times} \text{ appears in context of } \overset{i}{\times}$
 $\uparrow \quad \uparrow \quad \uparrow$
 $c \quad t \quad c$

[Pennington et. al., 2014. GloVe: Global vectors for word representation] ←

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2. Correction in "GloVe word vectors" slide 4 (8:11):

typo:

$$\text{minimize } \sum_{i=1}^{10,000} \sum_{j=1}^{10,000} f(X_{ij}) (\theta_i^T e_j + b_i - b'_j - \log X_{ij})^2$$

corrected:

$$\text{minimize } \sum_{i=1}^{10,000} \sum_{j=1}^{10,000} f(X_{ij}) (\theta_i^T e_j + b_i + b'_j - \log X_{ij})^2$$

Mark as completed