Lesson 7 Quiz

Passed

**3/4** points earned (75%)

Correct

1 / 1 points

1. For mining text data, which of the following algorithms will not output phrases?

SegPhrase

LDA

ToPMine

KERT

1  
point

2. Given a text corpus, which of the following can be used for measuring the colocation strength for a pair of words? Select all that apply.

Edit distance

Z-test

T-test

Mutual information

Correct

1 / 1 points

3. Suppose we want to use contiguous pattern mining to extract candidate phrases. Given the five statements below and a support threshold 3, which of the given phrases can be considered as candidates? Select all that apply.

(1) Support vector machine is a classifier.

(2) Neural network performs equally well as support vector machine.

(3) We propose a method that combines support vector machine with kernel method.

(4) Neural network is harder to tune than support vector machine.

(5) Support vector machine is important for regression.

vector machine

neural network

support vector

support vector machine

Correct

1 / 1 points

4. Which of the following measures has been used for ranking phrases in KERT? Select all that apply.

Informativeness

Likelihood ratio

Completeness

Popularity

Correct

1 / 1 points

5. Suppose we want to use contiguous pattern mining to extract candidate phrases. Given the five statements below and a support threshold 3, which of the given phrases can be considered as candidates?

(1) Support vector machine is a classifier.

(2) Neural network performs equally well as support vector machine.

(3) We propose a method that combines support vector machine with kernel method.

(4) Neural network is harder to tune than support vector machine.

(5) Support vector machine is important for regression.

neural network

support machine

support vector machine

kernel method

Correct

1 / 1 points

6. Which of the following measures has been used for ranking phrases in KERT? Select all that apply.

Completeness

Mutual information

KL divergence

Popularity

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