Lesson 7 Quiz

4 试题

1
point

1。

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

○ ToPMine

○ SegPhrase

○ TurboTopics

● LDA

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.

☑ Chi-squared test

☑ Mutual information

☐ Edit distance

☑ Likelihood ratio

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.

- [x] support vector

- [x] vector machine

- [ ] equally well

- [ ] support machine

4.

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

- [ ] KL divergence

- [ ] Mutual information

- [x] Completeness

- [x] Popularity

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