

Lab03

目的：利用 collocation 來找出導致 edit tag 的 problem word

內容：「解釋文法改錯」的研究領域中，常常需要偵測錯誤是哪一個「字」導致 edit tag 產生，因此我們嘗試使用 collocation 的想法來計算常常引發 edit 的 problem word 和哪些 edit tag 一起出現。

- discuss [-about-] the issue

因為 discuss + N => 所以不需要 about，discuss 即為 [-about-] 的 problem word，而非 issue。

Task 1: 做出 skip bigram

Task 2: 實作出 Smadja 的 condition 1 & 2 & 3

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Target: Use collocation to find problem word (the word causes the edit tag)

Content: In the research for explaining grammar correction, It is necessary to detect which word causes “edit tag”; therefore, we try to use collocation to calculate the counts between “problem word” and “edit tag”

- discuss [-about-] the issue

Because of “discuss + N”, “about” is unnecessary. “discuss” rather than “issue” is the problem word of [-about-] (edit tag).

Task 1: Implement skip bigram

Task 2: Implement Smadja (condition 1 & 2 & 3)