

Table S1 Calls four different word segmentation methods

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1:         import jieba
2:         words = jieba.lcut(text)
3:         import pynlpir
4:         pynlpir.open()
5:         segments = pynlpir.segment(text,pos_tagging=False,pos_names='all', pos_english=False)
6:         pynlpir.close()
7:         from snownlp import SnowNLP
8:         s = SnowNLP(text).words
9:         import thulac
10:        thulac = thulac.thulac(user_dict="dict.txt", seg_only=True)
11:        thulac.cut_f("input.txt", "tmp\\thulac_word_seg.txt")

```

Table S2 Gensim performs Word2Vec modeling and similarity calculation

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1:         from Gensim import models, similarities

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2:         file_object = open("tmp\\word_seg.txt", encoding='UTF-8')
3:         sentence = file_object.read()
4:         texts = [[word for word in sentence.split()]]
5:         count_dict=[]
6:         for words in texts[0]:
7:             if(len(words) >= 2):
8:                 if(words not in count_dict):
9:                     count_dict[words] = 0
10:                    count_dict[words] += 1
11:                    count_rs = sorted(count_dict.items(), key=lambda x:x[1])
12:                    save_count =''
13:                    size = len(count_rs)
14:                    for i in range(size):
15:                        save_count += (count_rs[size-i-1][0] + " : " + str(count_rs[size-i-1][1]) + "\n")
16:                    save_object = open("result.txt", 'w', encoding='UTF-8')
17:                    save_object.write(save_count)
18:                    model = models.Word2Vec(texts, size=100, window=5, min_count=5)
19:                    similarity = model.similarity("COVID-19", "Epidemic control measure")
20:                    print("similarity = %.4f" % similarity)

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