A study of critical discourse assisted by Corpus Linguistics

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Abstract: With the development of digital information, the research of using corpus to analyze language phenomenon is more and more popular among experts. As the name implies, the applied value of linguistics can improved accordingly, and the critical discourse can applied scientifically and reasonably. The purpose of this paper is to distinguish the space of corpus linguistics in critical discourse analysis. Although there is no comprehensive and objective means of analysis, linguists find out the truth of the text by integrating the methods, using keywords, lexical collocation and other effective means to analyze social discourse. In addition, there is no comprehensive analysis of all directions in Chinese participle because of its unique Uncertainty determines the difficulty of corpus analysis. This paper mainly analyzes the critical discourse of corpus linguistics, and puts forward the corresponding optimization measures.

1. The application of Corpus Linguistics to CDA research has long started abroad.

Hardt-Mautner (1995) is the first scholar to advocate the combination of critical discourse analysis and corpus technology. He believes that the powerful technology of the corpus can support the work of qualitative research on a large number of texts. Stubbs (1996) demonstrates the corpus worker in discourse and Corpus Analysis: a computer-aided study of language and Culture. It plays an auxiliary role in revealing the meaning of discourse and ideology. Similar studies also include: Piper (2000) using collective analysis to interpret The British and European Union government documents on lifelong learning find that the discourse on lifelong learning is full of various issues, with different rights relationships and cultural confusion.

At present, the domestic scholars focus on the hot topic of Belt and Road Initiative in the field of news communication and political science. Zhang Shao qi (2017) made a contrastive study of the "Belt and Road Initiative" news reports of China and the United States, but he did not apply corpus technology to discourse analysis. Artificial analysis makes the conclusion subjective. This paper collects 20 relevant reports about Belt and Road Initiative from February 2018 to May 2018 from Washington Post's official website, builds a small corpus, and then uses Antconc3.5.7w language. The material bank-assisted method carries on the critical discourse analysis to the "Belt and Road Initiative" report of the American mainstream media, from the high frequency word, the index line reveals the ideology behind the American mainstream newspaper, makes the conclusion more objective and comprehensive.

2. Advantages and disadvantages of critical discourse Analysis

How to study the relationship between language and consciousness requires critical discourse analysis. As a kind of practice method in language expression, it not only shows the present situation of society, but also constructs the different subjects, educational system, interpersonal relationship and belief frame existing in the society. Linguists have found that no matter what kind of language statement it is, it needs to base on a certain level of ideology. A conclusion is drawn that "critical language is not only the subject of simple description, but also the ideology that people are used to but do not pay attention to in language". They never hide the consciousness indicated by the hint, from which everyone can learn the fundamental purpose, and The end result of criticism is to change the social differences between the two sides. Scholar David Masters once argued that fair

standards must established and critical language analysts must be social activists. Critical Linguistics was born in language and Control for the first time, showing the discovery of analytical patterns. The content of the book explains in detail the great influence of language analysis on social structure, especially Halliday puts forward the concept of systematic functional grammar theory, and points out that social function related to language. The unique form of language affects the relationship between individual and society. Different from traditional discourse Linguistic methods and discourse analysis, critical discourse analysis focus not only on the text and discourse, but also on the analysis of the changing context and practical process, and try to find out the reasons that can be explained. The activity of discourse is unimaginable; it needs the interaction of all kinds of groups in the social structure. Therefore, once fully understand the context of language hints, you can understand the true meaning of language. Hanlitt, a famous scholar, has suggested that communication between human beings is not mechanical language. In order to study critically, we must have two points: abundant knowledge reserve and unique sensitivity. All along, in fact, criticism the subject of sexual discourse analysis is qualitative research. Because language occurrence is inseparable from its specific context, discourse cannot understand without consideration of context. Only when we consider its specific generating background, we understand the hidden rules and regulations, realize the exclusive ideology at that time, and the meaning of discourse should considered first and foremost is to understand the relationship between discourse and the past. Because some scholars think that this kind of qualitative research has the disadvantage of emphasizing subjectivity and non-representativeness. According to conventional thinking, critical discourse analysis with materials is very limited, and the representativeness of language materials needs to verify and cannot chosen correctly. Language materials, limited phrase analysis discuss whether enough old impressions be guaranteed. Wedson, a famous scholar, once put forward the idea of thinking from a special point of view because he doubted the representativeness of language materials, which is not comprehensive and systematic. In order to refute these views, a new model, Corpus-based critical discourse Analysis (CDA), began to emerge. Part of discourse analysis in the text does not apply critical discourse analysis. It should used in typical languages with general conclusions based on a large-scale sample survey.

3. Combination of Corpus Technology and critical discourse Analysis

3.1 Quantitative Analysis of Corpus Technology

The quantitative analysis of corpus technology can provide true and reliable data and reduce the one-sidedness and subjectivity of researchers. The technical analysis of the corpus needs to carried out based on a large number of language materials, through a large number of data investigation, finally get the rules of the language system. HanltMautner was the first scholar to propose the combination of CDA and corpus technology. The presentation Corpus has powerful technology to support a large number of texts for qualitative and quantitative analysis and research. Stubbs1996 in discourse and Corpus Analysis: computer-aided language the role of corpus tools in the study of language and Culture plays an auxiliary role in revealing the connotation and ideology of discourse. In addition, a popular view in critical linguistics is that the form of language depends on its social function, which requires the analysts of news discourse to demonstrate the social function hidden in the structure of language and the ideology behind it. Critical linguists believe that language use is an important form of social practice and promote the combination of language analysis and social analysis in practice. For example, in the progressive language in the basic application of corpus language, it is necessary to make a comprehensive analysis of the corpus language according to the characteristics of the times. The most important type in the corpus is word frequency technology, which can distinguish the most basic features of language. The Keywords in the topic list are the Keywords in the text. For example, in the process of analyzing the critical discourse of corpus linguistics, the relevant special articles built into a corpus, and then the analysis software Ant. con3.

By analyzing it, we can statistically analyze the highest word frequency in the corpus, to find out the implicit word frequency information in the paper. Nouns or noun phrases often used more often

in articles than verbs or verb phrases. In the corpus of this study, China, Chinese, Japan and Japanese are located at 7, 9,11,13 places respectively.

3.2 Strengthening the practical effect of data Application

In order to overcome the limitations of critical discourse analysis (CDA) and reduce the subjective attitude of researchers, a new kind of critical discourse analysis (CDA) with reliable modulus data has developed to obtain some relevant data. Then a comprehensive analysis of the language system carried out, which not only makes the critical discourse analysis more reliable basis and scientific analytical means, but also makes the results of the critical discourse analysis more credible. Many experts and scholars have also given great recognition to the corpus technology. They think that the powerful corpus technology can analyze and study a large number of texts. At the same time, the core function of the corpus is index analysis technology, through the corpus index. Analytical technology, we cannot only understand the form of language, but also can quickly analyze the context of words, but also can set standards according to the needs of the researcher. It can see that the indexing function of corpus plays an important role in the study of critical discourse analysis (CDA).

3.3 An Analysis of the Application of critical discourse in Corpus Linguistics

In general, the index analysis function of corpus can also extended to semantic bias or discourse rhyme. It is necessary to make it clear that there are differences between semantic bias and utterance rhyme, in which language features are the main prosody, so we can clearly understand the attitude of language expressers. Wei Naxing, a linguist, has also explained that the key to semantic rhyme is to look at its collocation words, not to see whether the keywords have some positive or negative meanings. In the process of analysis, we need to select the thematic articles published for this event, and then form a corpus. Then extract the most critical theme from it. Words, and search technology to analyze the subject words, you can determine the hidden behind the true attitude. In the application of critical discourse, the most important is the scientific and reasonable data analysis of critical discourse. Overall, critical discourse still has some limitations in many aspects. In order to improve the effect of the whole application, it is necessary to control the change of the data strictly. At the same time, it is necessary to use many different methods to explain the application of critical discourse. This paper combines the original structure of critical discourse with different data, and finally uses a variety of ways to make the critical discourse used as a whole.

3.4 Give play to the characteristics of Corpus

Because of the existence of corpus, not only the original qualitative analysis can carried out in the text, but also the quantitative analysis can taken into account. In addition, there are two birds with one stone at the same time. Professor Hamett, a linguist, is the first person to integrate corpus approach with critical discourse analysis. He believes that in the face of the high-tech corpus, no matter how wide the scope of textual support qualitative research is not a problem. The method of introspection language analysis can solve in the large corpus by technical means. Moreover, critical discourse analysis only exists in the collection and induction of part of the language data. It is widely used in the search for conclusions of typical language cases.

The emergence of corpus technology makes it easy for researchers to search for the required materials in a wide range of areas, and the localization of language phenomena is accurate and fast, and assists in the analysis of data by objective means. Keywords included in linguistics refer to words that used too frequently through the comparison of corpus and reference output words. Keyword statistics can use flexibly in the analysis of text context and characteristics, which can show the general distribution characteristics of words at the discourse level and the relationship between the themes of the text. To distinguish the true intention of the protagonist's language and the true meaning of the text, you can also refer to the topic glossary.

4. Conclusion

The critical discourse analysis based on corpus linguistics is very important. It can not only explain the original meaning of different discourses well, but also objectively analyze the forms of critical discourse. Therefore, in the process of analyzing critical discourse, it is necessary to use many different ways correctly analyze the language change. With regard to the limitations of corpus language, we should have a preliminary understanding of it, and then use a variety of different ways to correctly explain its original meaning, and improve the application value of its critical discourse. As a result, the content of corpus language enriched, and the application efficiency enhanced as a whole.

References

[1] Lu Chang z. Review of corpus research paradigm in discourse [J] .Foreign languages (Journal of Shanghai Foreign Studies University), 2010.

[2] Qian Yu fang. Corpus and critical discourse analysis [J] .Foreign language teaching and research, 2010 (3).

[3] Wei Nai Xing. The Foss Theory basis of Corpus Linguistics [J] .Foreign languages (Journal of Shanghai Foreign Studies University), 2008 (2).

[4] Yan Xue tong, Sun Xue feng, et al. The rise of China and its Strategy [M]. Beijing: Peking University Press, 2005.

[5] Center for Strategic and International Studies, Peterson Institute for International Economics. The rise of China in the eyes of American think tanks [M].

[6] Cao Hong yang, translated. Beijing: China Development Press, Tang Li ping. Space of Corpus Linguistics in critical discourse Analysis [J] .Foreign languages, 2011 (3): 43 / 49.

[7] Wei Nai Xing. Essentials of Lexical Studies [M] .Shanghai: Shanghai Foreign language Education Press, 2011.

[8] Liu Junjun, Cui Shoufeng. The image of China's economy in the eyes of the western media. News World 2011, (9).

[9] Mar Bo Sen, Corpus and Corpus-based discourse Studies. Foreign language 2009, (5).