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SEMANTIC GROUP ANALYSIS OF BEHAVIORAL VERBS IN ENGLISH

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Annotation: This article is mainly about the verbs, which reflect the behavior and character in English and their lexical-semantic group analyses. Human beings use a language involving physiological and psychological behavior. This phenomenon can be analyzed in the systemic functional linguistic approach. This will be a part of the processes called behavioral process. Halliday argues that behavioral processes are processes of physiological and psychological behavior, like "breathing", "dreaming", "snoring", "smiling", "hiccupping", "looking", "watching", "listening", and "pondering". Hence, there are some verbs in which contain not only physiological function in human body, but also some expressions which deal with psychological matters beneath the meaning of the verbs. Additionally, there is one obligatory participant in this process, it is the behaver. The behaver is a "conscious" being. However, the process is one of "doing", not "sensing".

Keywords: behavioral process, lexical-semantic analysis, linguistic features, actions, psychology, meaning, language processing.

Lexical-semantic analysis of behavioral verbs in English is a theoretical framework that seeks to understand the meaning and use of verbs in different contexts. This framework is based on the idea that verbs can be grouped into different semantic categories based on their shared characteristics and functions.

The 20 semantic categories of behavioral verbs described above provide a useful way to analyze and understand the different types of actions and behaviors that are expressed through language. By identifying the semantic category of a particular verb, we can gain insights into its meaning, use, and relationship to other verbs in the same category.

In addition to providing a theoretical framework for understanding the meaning of behavioral verbs, lexical-semantic analysis can also be used to develop practical applications in fields such as natural language processing, machine learning, and cognitive psychology. For example, by analyzing the patterns of verb use in large corpora of text, researchers can develop models that can automatically identify and classify different types of actions and behaviors based on their linguistic features.

Lexical-semantic analysis of behavioral verbs in English is based on the idea that words have both a lexical and a semantic component. The lexical component refers to the word's form, while the semantic component refers to its meaning. In this framework, behavioral verbs are analyzed based on their semantic properties, which include their syntactic behavior, collocational patterns, and semantic associations.

The goal of lexical-semantic analysis is to identify the underlying semantic categories that govern the use of behavioral verbs in different contexts. These categories are based on shared characteristics such as the type of action or behavior being expressed, the agent or patient involved, and the manner in which the action is carried out. By grouping verbs into these categories, researchers can gain insights into the underlying cognitive processes involved in language production and comprehension.

One important aspect of lexical-semantic analysis is the distinction between prototypical and non-prototypical members of a semantic category. Prototypical members are those that exhibit all of the defining characteristics of a category, while non-prototypical members may only exhibit some of these characteristics. For example, the verb "run" is a prototypical member of the motion category because it expresses a type of movement that is central to this category. In contrast, the verb "crawl" is a non-prototypical member because it expresses a less common type of movement that is not as central to the category.

Overall, lexical-semantic analysis of behavioral verbs in English provides a powerful framework for understanding the complex relationship between language and cognition. By analyzing the semantic properties of verbs in different contexts,

researchers can gain insights into the underlying cognitive processes involved in language production and comprehension, as well as develop practical applications in fields such as natural language processing and machine learning.

Lexical-semantic analysis of behavioral verbs in English is rooted in the broader field of cognitive linguistics, which posits that language is closely linked to human cognition and perception. According to this view, the meaning of words is not fixed or arbitrary, but rather emerges from the way that people use language in everyday contexts.

In the case of behavioral verbs, the meaning of a word is not simply determined by its dictionary definition, but also by its context and the surrounding linguistic and non-linguistic cues. For example, the verb "eat" can have different meanings depending on the type of food being consumed, the manner in which it is being consumed, and the social context in which the consumption is taking place.

One key concept in lexical-semantic analysis is the idea of semantic frames, which are mental structures that organize our knowledge about a particular concept or situation. A semantic frame for a behavioral verb might include information about the agent (i.e. who is performing the action), the patient (i.e. who or what is affected by the action), and other contextual factors such as time, location, and manner.

Another important concept in lexical-semantic analysis is that of semantic roles, which are the abstract relationships between the elements of a sentence. For example, in the sentence "John kicked the ball", "John" is the agent, "kicked" is the action, and "the ball" is the patient. By identifying these semantic roles, researchers can gain insights into the underlying cognitive processes involved in language production and comprehension.

Overall, lexical-semantic analysis of behavioral verbs in English is a rich and complex field that draws on insights from linguistics, psychology, and cognitive science. By analyzing the semantic properties of verbs in different contexts, researchers can deepen our understanding of how language works and develop practical applications in fields such as natural language processing, machine learning, and artificial intelligence.

Lexical-semantic group analysis is a method used to categorize behavioral verbs in English based on their semantic properties. This approach involves identifying groups of verbs that share similar meanings and functions, which can help to better understand how language is used to describe human behavior.

The following are some theoretical principles that underlie lexical-semantic group analysis of behavioral verbs in English:

1. Communication: Verbs that belong to this group are used to describe the act of transmitting information from one person to another, such as "speak," "talk," "write," and "convey."

2. Expression: Verbs in this group are used to describe the act of conveying emotions or feelings, such as "cry," "laugh," "smile," and "frown."

3. Conveyance: Verbs in this group are used to describe the act of transporting or delivering something, such as "carry," "transport," "deliver," and "ship."

4. Shaping: Verbs in this group are used to describe the act of changing or molding something, such as "shape," "mold," "form," and "sculpt."

5. Influence: Verbs in this group are used to describe the act of affecting or altering someone or something, such as "persuade," "convince," "manipulate," and "influence."

6. Interaction: Verbs in this group are used to describe the act of engaging with others or with the environment, such as "interact," "engage," "participate," and "connect."

7. Perception: Verbs in this group are used to describe the act of sensing or perceiving something, such as "see," "hear," "smell," and "taste."

8. Reflection: Verbs in this group are used to describe the act of thinking or reflecting on something, such as "contemplate," "ponder," "consider," and "meditate."

9. Revelation: Verbs in this group are used to describe the act of revealing or uncovering something, such as "reveal," "uncover," "expose," and "disclose."

Overall, lexical-semantic group analysis provides a useful framework for understanding the different ways in which behavioral verbs are used in English, and how they relate to one another based on their semantic properties.

In conducting an action, human beings involve their physiological an psychological behavior. In the clause of representation, the process is realized in the behavioral process. As in Halliday, he said that behavioral process in the process of physiological and psychological behavior. (2004: 248). This process basically overlaps to the meaning in mental and material process. However, the physiological and psychological processes at least distinct to both mental and material process since behavioral process is partly like mental and material process.

According to Thompson, one group of processes that is intermediate between mental and material processes are behavioral processes. Unlike verbal processes, however, they have few obvious grammatical features that set them apart, and are largely identified on semantic grounds. They relate to specifically human physiological processes; and one on the main reason for setting up this category is that they allow us to distinguish between purely mental processes and the outward physical signs of those processes. For example, many mental perception processes have paired processes which express a conscious physical act involved in perception: "see" (mental) and "watch", "look", etc. (behavioral); "hear" (mental) and "listen" (behavioral) and so on. (2004:103)

Additionally, Halliday and Matthiessen in Thomson (2004:251) also include, for example, verbs refering to actions which reflect mental states: 'laugh', 'cry', 'sob', 'frown', etc. Thomson also adds that typically, behavioral processes have only one participant: the human behaver.

1. He stares in amazement as she leapt through the window.

2. We all laughed.

Behavioral processes are processes of physiological behaviour, like breathing, dreaming, snoring, smiling, hiccuping, looking, watching, listening and pondering. Halliday said that the processes have no clearly defined characteristics of their own; rather, they are partly like the material and partly like mental. (2004:250). Bloor and Bloor stated that this process is grey area between material and mental processes. Gerot and Wignell give an example of this process as follows:

3. She lives in the fast lane.

Behaver Behavioral Circumstantial: place

Having been analyzed, this study described some data about the physiological and psychological verbs of behavioral process. The findings based on data of physiological verbs in behavioral process take a deep breath, clear throat, smell, listen to, watch, notice, look and sniff. In addition to, the psychological verbs of behavioral process are given a short laugh, cry out, gaze, smile, laugh, groan, fear and growl. We have some suggestion for the next research with which use the approach oh systemic functional grammar. That is, the phenomenon of weather which nowadays has become very crucial because of the climate issues.

The list of used literature:

1.Atkinson and Hilgard. 2002. Introduction to Psychology, 14th edition. United Kingdom: Wadsworth Publishing.

2.Bloor, T. and Bloor M. 2004. The Functional Analysis of English, 2nd edition. London: Hodder Education, part of Hachette Live, UK.

3.Butler, S. C. 2003. Structure and Function: A Guide to Three Major StructureFunctional Theories, Part 1: Approaches to the simplex clause. Amsterdam and Philadelphia: John Benjamins Publishing Company.

4. Hall, J. and Guyton, A. 2006. Medical Physiology Textbook 1, Eleventh Edition. Pennsylvania: Elsevier.

5.Hall, J. and Guyton, A. 2006. Medical Physiology Textbook 2, Eleventh Edition. Pennsylvania: Elsevier.

6.Gerot, L. and Wignell, S. 1994. Making of Functional Grammar. Sydney: Antipodean Educational Enterprises, Australia.

7. Halliday, M.A.K. and Matthiessen, C. M.I.M. 2004. An Introduction to Functional Grammar, 3rd edition. London: Edward Arnold.