

SYNTACTIC-SEMANTIC ANALYSIS OF ENGLISH PREPOSITIONS IN DISCOURSE

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Abstract: *This paper explores the syntactic and semantic properties of English prepositions as they function within discourse. Prepositions, often seen as functional words, play a significant role in structuring meaning and expressing complex relationships between elements in a sentence. The study analyzes how prepositions contribute to coherence, emphasis, and connectivity in both spoken and written texts. Special attention is paid to the polysemy and context-dependent nature of prepositions, highlighting their dynamic usage across various discourse types. The research also examines challenges faced by non-native speakers in interpreting and using English prepositions accurately and provides practical insights for language learners and educators.*

Keywords: *English prepositions, discourse analysis, syntax, semantics, polysemy, language*

Introduction: Prepositions do not exist in all languages. While some languages, such as Indian languages (Hindi, Telugu, Tamil, etc.), have postpositions rather than prepositions, but this may be viewed as a rather minor distinction, other languages do not have prepositions but e.g. morphological marks such as cases, which play an equivalent role. Prepositions do not form a strict closed class of elements, as sometimes hastily presented by grammarians. Most languages with prepositions have a rather limited set of single word prepositions, in general between 40 and 120, although there are divergences among grammarians on the exact nature and definition of a preposition.

There are only about 50 prepositions in English (for other languages there is not always a consensus on what a preposition is, e.g. vs. prepositional compounds). Here is a fairly complete list: aboard, about, above, across, after, against, along, amid, among, anti, around, as, at, before, behind, below, beneath, beside, besides, between, beyond, by, despite, down, during, except, excepting, excluding, following, for, from, in, inside, into, like, near, of, off, on, onto, opposite, outside, over, past, per, plus, round, save, since, than, through, to, toward, towards, under, underneath, unlike, until, up, upon, versus, via, with, within, without.

A preposition is a word that is put before another word. Therefore, it should not be used to end a sentence. The three senses of the word are not equally important. In our linguistic studies it is only the lexemes and syntactic words that have to be taken into consideration, and orthographic words are irrelevant. Lexemes can be likened to types, syntactic words to tokens, i.e. particular instances of the abstract types. Lexemes (and their inflected variants, the syntactic words) belong to different syntactic categories (= word classes, parts of speech). Literature Review. The study of English prepositions has long attracted the attention of linguists due to

their structural complexity and semantic richness. Scholars such as Quirk et al. (1985) and Huddleston & Pullum (2002) have provided extensive grammatical descriptions of prepositions, noting their essential role in clause structure and their ability to express a wide range of spatial, temporal, and abstract relationships.

From a syntactic perspective, prepositions function as heads of prepositional phrases and are integral to sentence construction. According to Celce-Murcia & Larsen-Freeman (1999), prepositions frequently introduce adverbial or adjectival modifiers, thus influencing the overall syntactic architecture of sentences. Their ability to govern noun phrases and interact with verbs further illustrates their grammatical significance.

1. P. Saint-Dizier (ed.), *Computational Linguistics Dimensions of the Syntax and Semantics of Prepositions*, 1-25. © 2006 Springer. Printed in the Netherlands.

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Semantically, English prepositions are known for their polysemy and metaphorical extensions. Cognitive linguists such as Lakoff (1987) and Tyler & Evans (2003) have emphasized the conceptual Underpinnings of prepositions, arguing that many of their meanings are grounded in spatial metaphors that extend into more abstract domains. For example, the preposition “over” can indicate spatial position (e.g., “over the table”), authority (e.g., “control over the project”), or completion (e.g., “the meeting is over”).

Discourse-level studies, including Halliday & Hasan (1976), highlight the cohesive function of prepositions, particularly in linking clauses and signaling logical or temporal relationships. Prepositions serve as discourse markers that guide interpretation, especially in argumentative and expository texts.

Pedagogical studies have also explored the challenges faced by ESL learners in mastering English prepositions. Research by Tetreault (2005) and Nadasdi et al. (2010) have shown that learners often rely on first-language transfer or adopt avoidance strategies due to the difficulty of mapping prepositional meanings across languages. Taken together, the existing body of literature demonstrates that a comprehensive analysis of prepositions must consider both syntactic behavior and semantic flexibility. However, there remains a need for more discourse-based, corpus-driven analyses that integrate both perspectives to better understand how prepositions function in authentic language use.

Analysis and Results. The analysis of English prepositions in discourse reveals their multifunctional role in both syntactic structuring and semantic interpretation. By examining a range of authentic texts-including academic articles, news reports, and conversational transcripts-it was found that prepositions contribute not only to the grammatical cohesion of sentences but also to the deeper meanings conveyed across a discourse.

Syntactic analysis indicates that prepositions predominantly function as heads of prepositional phrases, usually followed by noun phrases. In more complex structures,

prepositional phrases act as adverbial modifiers, indicating time, place, manner, cause, and purpose. For example:

- “She arrived after the meeting.” – temporal modifier
- “The keys are on the table.” – spatial modifier

It was also observed that prepositions can introduce complement clauses or function in phrasal verb constructions, such as “look after,” “take care of,” and “rely on.” These structures often pose difficulties for second language learners due to their idiomatic nature.

Semantic analysis revealed that many English prepositions are polysemous and context-dependent. For instance, the preposition “in” can refer to spatial inclusion (“in the room”), temporal duration (“in the morning”), or abstract states (“in love”). The meaning often depends heavily on co-text and overall discourse context. Corpus-based findings showed that certain prepositions—such as “of,” “in,” “to,” and “on”—are used with high frequency and serve as cohesive devices linking ideas and arguments. In academic discourse, for example, prepositions like “according to,” “in terms of,” and “with respect to” are instrumental in expressing relationships between concepts and organizing the logical flow. Moreover, prepositions were found to reflect a speaker’s stance or attitude. Expressions such as “from my perspective” or “in my opinion” demonstrate how prepositions contribute to metadiscourse, positioning the speaker within the text. Results indicate that the syntactic and semantic roles of prepositions are tightly interwoven, and understanding their usage requires attention to both grammatical patterns and contextual interpretation. For learners and analysts alike, focusing on discourse-level functions offers deeper insights into how prepositions operate in real-world communication.

Discussion. The findings of this study highlight the intricate role that English prepositions play in both the syntactic and semantic dimensions of discourse. As evidenced by the analysis, prepositions are far more than simple function words; they serve as critical tools for expressing complex relationships between ideas, timeframes, locations, and abstract concepts. One of the key observations is that prepositions often carry multiple meanings depending on the discourse context, demonstrating their high degree of polysemy. This semantic flexibility requires learners and analysts to go beyond traditional grammar rules and develop a contextual awareness of usage. For instance, the preposition “over” may convey spatial superiority (“over the hill”), authority (“control over the project”) or completion (“over the years”), each relying heavily on the surrounding linguistic environment.

Another important point of discussion concerns the idiomatic use of prepositional phrases, particularly in phrasal verbs and fixed expressions. These constructions present a challenge for non-native speakers due to their lack of literal transparency. Teaching strategies, therefore, should emphasize exposure to authentic discourse and encourage learners to recognize patterns and functions within broader communicative contexts. In addition, the frequent use of prepositions in academic and formal writing—such as “with regard to,” “in the context of,” or “as a result of”—underscores their function as organizational and cohesive devices. These prepositions help structure arguments, clarify relationships, and present perspectives. Understanding these functions can significantly enhance writing skills and discourse

competence, particularly for learners in academic or professional environments. From a syntactic perspective, the variety of prepositional phrase positions within sentences (initial, medial, final) also affects sentence rhythm, emphasis, and clarity. For example, fronting a prepositional phrase (e.g., "In conclusion, the study shows...") can signal topic shifts or highlight key points.

Overall, the discussion reinforces that prepositions function as dynamic linguistic elements that connect, organize, and give meaning to discourse. To effectively master their use, learners must integrate knowledge of syntax, semantics, and pragmatics, supported by contextual learning and exposure to authentic language input.

Conclusion. This study has examined the syntactic and semantic roles of English prepositions within various discourse contexts. The analysis reveals that prepositions are multifunctional elements that contribute significantly to meaning-making in both spoken and written communication. Their usage extends far beyond indicating spatial or temporal relations, encompassing abstract, metaphorical, and idiomatic functions that enrich the overall discourse structure. The research findings demonstrate that understanding English prepositions requires not only grammatical knowledge but also an awareness of contextual meaning. The semantic versatility and syntactic variability of prepositions make them essential tools for cohesion, emphasis, and clarity in discourse. Moreover, their frequent presence in academic writing highlights their role in organizing ideas and expressing logical relationships.

Therefore, for language learners and educators alike, it is important to approach prepositions as dynamic and context-dependent elements. Effective teaching strategies should integrate discourse-based approaches, focusing on real-life usage and functional applications of prepositions in authentic texts. This will enhance learners' communicative competence and their ability to interpret and produce meaningful discourse in English.

In conclusion, English prepositions, while often perceived as minor grammatical items, are in fact central to the semantic and structural coherence of discourse. A deeper understanding of their syntactic behavior and semantic functions can lead to more effective language learning, teaching, and linguistic analysis.

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