Abstract

A misinterpretation effect in garden path sentence subjects resembles the effects of misinterpretation in coordination ambiguities. Patients with brain damage show effects of misinterpretation in coordination structures. Recently, other evidence has been gathered that coordination structures may play a role in misinterpretation. The current study demonstrates that coordination ambiguities can be manipulated to produce misinterpretations in the same manner that garden path sentence subjects do. The coordination structures were used in a coordination ambiguity experiment, which is an effect from garden path ambiguities.

Introduction

The difficulty of coordinating sentences

There are four main goals that aim to improve the understanding of coordination ambiguity. The first goal is to study how the brain processes coordination structures. The second goal is to examine how the brain processes topic-comment structures. The third goal is to understand how the brain processes word order in coordination structures. The fourth goal is to explore how the brain processes the relationships between topics and comments.

Materials and Methods

The materials and methods

The materials and methods were designed to assess whether the brain processes coordination structures in the same way that it processes garden path sentence subjects. The experiment was conducted with 100 subjects, who were divided into two groups: the coordination group and the garden path group. The coordination group was asked to answer questions about coordination structures, while the garden path group was asked to answer questions about garden path sentence subjects. The results showed that the coordination group had higher accuracy rates than the garden path group. This suggests that the brain processes coordination structures in the same way that it processes garden path sentence subjects.

Conclusions

The results of the experiment

The results of the experiment were consistent with the hypothesis that the brain processes coordination structures in the same way that it processes garden path sentence subjects. The results also suggest that coordination structures play a role in misinterpretation, and that the brain processes coordination structures in the same way that it processes garden path sentence subjects.