

Applicant

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Project Title

Deriving additional measures of semantic processing in animal fluency

Project Summary

This project will produce new information pertaining to performance on an animal fluency task, in which people must name all the animals they can think of in one minute. This task is used to identify language deficits in people who have developed cognitive problems, for example due to Alzheimer's disease. Participants in CLSA complete this task as part of the cognitive battery. We will examine the types of animals that participants name and the order in which they are produced. Changes in the way this task is performed may provide important information about a person's cognitive status.

Keywords

Category fluency; semantics; cognitive modeling; machine learning algorithm