

Collins & Loftus (1975) Spreading Activation Model Concepts here are arranged in a nonhierarchical network on the basis of **semantic** relatedness and semantic distance. Connections are linked by different strengths. Robin would activate bird guicker than penguin.

hierarchy.

This contrasts to episodic memory in that people will often share similar or the same semantic memories. Episodic memories on the other hand are fairly subjective and are limited to time and

Patient Jon suffers from semantic dementia. He has normal recognition, memory for facts and language acquisition but severe impairment of delayed recall and of knowledge about

This disease is **degenerative** in that people with milder semantic dementia do well to point out a green celery but are not able to understand that a pumpkin is not green (as it does not fit with their schema). People with more severe semantic dementia are no better than chance.

statements (a robin is an animal) with varying levels of hierarchy. The results showed that categories were faster identified than properties and the time depends on the level of the

Conrad (1972) guestioned this principle of cognitive economy. He argued that all Collins & Quillian were doing was measuring the **degree of** association between concepts and properties (e.g. we are used to hearing a salmon being called pink or a fish but not so much an animal). Conrad controlled for familiarity and found no effect of hierarchical distance. (This could be used to support Nadel et al.'s multiple trace theory.)

Semantic categories can change definition over time (e.g. "Gay")

Meyer et al. (1976) supported this notion when she asked participants to perform a lexical decision task. Words that were related were reacted to faster than unrelated words. This is known as semantic priming.

However, this is more of a framework than a testable model.