

Comparing Signal Detection and High-Threshold Models of Recognition Memory

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An ongoing discussion in recognition memory concerns the comparison between continuous and discrete-state models. The two accounts are traditionally instantiated by signal detection and high-threshold models, respectively. While signal detect models are widely used, discrete-state accounts are regarded by many as inadequate. The goal of this talk is to discuss recent results (involving model fits and critical tests) showing that recognition memory judgments are well described by a mixture of detection and guessing processes.