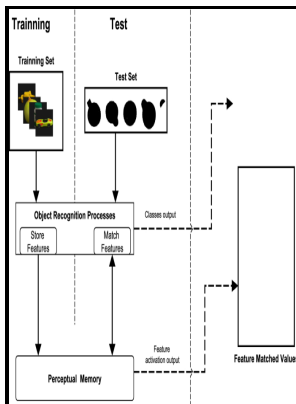# Cognitive processes in multimodal object recognition

University of Birmingham - Cognitive neuroscience of visual object recognition

Description: -
-Cognitive processes in multimodal object recognition
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Recognition memory

We propose cognitive mechanisms that may explain this phenomenon and call for a multimodal, situated psycholinguistic framework to unravel the full complexities of human language processing.

Multimodal neuromarkers in schizophrenia via cognition

The ability to interpret and give meaning to the object is the next step, known as recognition. After joint decomposition, independent components ICs and their subject-wise loadings were derived for each modality.

Recognition memory

Murray Glanzer and John K.

Object Recognition

These are two qualitatively different tasks and as such it is not surprising that they involve additional, distinct regions of the brain. Here the cognition-guided fusion analyses were implemented by feeding the preprocessed MRI features i.

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Therefore, the easier the object is to identify, the more likely it will be successfully recognized. In reality, however, the location of brain activation involved in recognition is highly dependent on the nature of the stimulus itself.

Multimodal neuromarkers in schizophrenia via cognition

Further experiments have proposed that the LOC consists of a hierarchical system for shape selectivity indicating greater selective activation in the regions for fragments of objects whereas the regions show greater activation for full or partial objects.

Multimodal neuromarkers in schizophrenia via cognition

Frontal lesions and fluctuations in response preparation. Depending on the strength of the memory, the item may either be 'remembered' i. This study aimed to explore how cognitive patterns vary in simulated construction worksites with different types of hazards using multimodal monitoring.

Related Books

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- Planning a wedding with divorced parents
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- Shakhṣīyat-i ʻilmī, siyāsī va ijtimāʻī-i shahīd Mayvandvāl
- Cartuja de Miraflores - = The Charterhouse of Miraflores