Novelty seeking modulates medial prefrontal activity during the anticipation of emotional stimuli

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Abstract:

In a functional magnetic resonance imaging experiment, expectancy cues signaling emotional stimuli were used to study the personality trait of novelty seeking. {BOLD} responses to emotional expectancy were positively correlated with novelty-seeking scores in the medial prefrontal cortex. This correlation was strongest for the sub-dimension of exploratory excitability.

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