

Choosing between the Carrot and the Cake: The Neural Correlates of Impulsivity

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Impulsivity is a common trait exhibited by all of us at one time or another. Despite occurring universally, it manifests in a wide variety of ways, including response inhibition deficits, reward delay discounting, novelty seeking, and lack of premeditation. This has been examined extensively behaviourally, but the empirical support for the neural components associated is limited and inconsistent. Here, I use a portable electroencephalography device to examine the components associated with response inhibition tasks in participants with high and low levels of impulsivity.