Current Opinion in Behavioral Sciences

Volume 41, October 2021, Pages 152-159

# The effect of effort on reward prediction error signals in midbrain dopamine neurons

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Available online 30 July 2021.



https://doi.org/10.1016/j.cobeha.2021.07.004



Midbrain dopamine neurons encode reward prediction error (RPE) signals and are involved in reinforcement learning, which in turn influences various decision-making behaviors. Recently, it was revealed that dopamine neurons incorporate non-reward information in the computation of RPE signals. Here, we review the influence of non-rewa