Review of: "Neural Quantum Superposition and the Change of Mind"

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Potential competing interests: No potential competing interests to declare.

The author of “Neural Quantum Superposition and the Change of Mind” by Mario Marsili starts with the simple example of the double slit experiment to introduce ideas and mathematics of quantum mechanics. He then builds a bridge to use this mathematics for the processes of decision making in the brain. He then manages to expand the discussion to time-dependent decision making. He elegantly introduces the Euler plane to analyze this time-dependence. He then accomodates the speed of decision making and perturbations in decision making which allows the introduction of the change of mind and the role of entanglement.

I hope that all these concepts and the corresponding formal treatment find the recepetion they surely deserve among a large number of scientists from such diverse fields as neurology, neurophysiology, and psychology. These ideas and the corresponding mathematics are certainly very valuable for introducing a broad discussion and opening new insights.