

# Review of: "On the foundation of quantum decision theory"

Rogelio Ladrón de Guevara Cortés<sup>1</sup>

<sup>1</sup> Universidad Veracruzana

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The paper is very interesting, relevant, and innovative. The author presents a new basis for quantum decision theory in the context of a decision made by a single person with two complementary decision variables simultaneously. The paper presents a proper mathematical development of the proposal's theoretical part and develops an analytical example in the medical field. However, some minor improvements should be addressed. For example, I recommend numbering each section of the document to ease the reading and identifying and explaining each part of the document in the final part of the introduction. In addition, there are some minor typographical mistakes in some pieces of the paper, but the author can correct them in a second reading. I strongly recommend the publication of this article and congratulate the author.