

Review of: "Subjective Probability Theory for Decision Making"

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I thank QEIOS for granting me the opportunity of reviewing this paper. In my opinion, to fuse more views is a useful matter.

1. To treat the scale of utility together with the monetary scale is intrinsically difficult because this thing can confound the reader. The author goes even further and this is to be appreciated in my opinion. Before treating paradoxes, some issues have to be considered carefully. In fact, paradoxes focus on extreme cases. Firstly, it is necessary to concentrate on basic aspects in my opinion.
2. Why does the author use the term random variable instead of random quantity? It is not at all a matter of terminology. It is not a formal matter. Perhaps, does the author refer himself to a statistical interpretation of the notion of event?
3. Why does the structure of the Boolean algebra enter directly? This structure should enter rather indirectly in my opinion. This is because the linearity of the arithmetic interpretation of the notion of event should play a basic role.
4. In a first stage, the certain gain which is considered to be equivalent to X , where X is a random quantity, is the subjective price of X for a given DM denoted by $P(X)$ when the scale of utility and the monetary scale coincide. Otherwise, the certain gain which is considered to be equivalent to X by a given DM does not coincide with $P(X)$. Two scales have to be considered to study the expected utility value. They are the scale of utility and the monetary scale.
5. Moreover, the notion of utility is not ordinal, but it is cardinal in the topic associated with the expected utility value.

All these aspects could also be omitted, but this thing is appropriate or not? It is up to the reputable author to decide. I hope I was helpful.

