

Review of: "On Probabilities in Quantum Mechanics"

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The paper by Helland is basically a summary and advertisement of the author's previous works on the statistical interpretation of Quantum Theory. It is compactly written, and as such, I would recommend publication, since it seems legitimate to draw attention to his view as promoted in his recent publications. However, some passages are rather vaguely formulated. One reviewer had already mentioned it. I would recommend adding just a few lines with some more details, also in section 6.

Does the last para before section 5 imply that the whole agent(s) view is conceptually intrinsically inconsistent? Must one always accept logical inconsistencies when advocating for any of the various quantum interpretations? Except if one has the specific epistemic view of the author? The author rather early mentions the state vector $|\psi\rangle$ for the system and another $|\xi\rangle$ for the environment, where I always have the problem of how the non-vanishing coupling between these two subsystems can be eliminated.

And just for beauty: some spaces seem missing in the typing of the text.