

# Review of: "Probability spaces identifying ordinal and cardinal utilities in problems of an economic nature: new issues and perspectives"

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The authors propose a new approach to calculating the expected return on an m-risky asset portfolio. Their approach is based on an aggregate measure of a multilinear nature, which is an extension of the notion of barycenter of masses. The authors also extend the notion of expected utility, or moral expectation, to the case of risky assets. They argue that their approach can be used to model rational choices under uncertainty and riskiness. Finally, the authors discuss how their multilinear approach can be extended to study other types of issues, such as stochastic approaches to bound choices and statistical inference in econometrics. The paper is well-written and presents a novel approach to evaluating risky assets under uncertainty. The approach is based on sound theoretical foundations and has the potential to be useful in practice. However, more empirical research is needed to evaluate the performance of the proposed approach in real-world markets.