

Review of: "The Uncertainty of Fairness: a Game Theory Analysis for a Debt Mutualization Scheme in the Euro Area"

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Potential competing interests: No potential competing interests to declare.

This study introduced briefly present the fairness approach in game theory. I personally feel that this article is more like an analysis report, lacking in academic and innovative research.

1 The challenges and innovations of the research in the introduction need further clarification, only introducing the background of European debt is insufficient.

2 Why use these three games for analysis, Is there any other better game method.

3 The research scope should be clear, which countries in Europe are involved

4 The Game Theory is a mature method. Where is your innovation?

5 The format in the text needs to be carefully checked. Some formulas are not numbered, and a letter (i) should represent one meaning.

6 The author mention in section 3.1 that "country i will never offer to share a quota greater than the 50% of its debt and the Union will always accept. " What is the basis for determining 50%?