

Review of: "A trial-dependent game with N-player"

Sumit Sarkar¹

¹ XLRI - Xavier School of Management

Potential competing interests: No potential competing interests to declare.

The author compute the expected fortune and the variance of the fortune in a modified N-player gambler's ruin problem, wherein the game stops when the minimum budget (the budget of the player with the least budget) is reached. The authors demonstrate their results numerically.

I would suggest the authors to provide the proofs of Proposition 1 and Proposition 2.

Also, an experimental validation of the paper will be a welcome addition.

There is scope for improving the clarity through language editing.