Tournaments

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Abstract

Here is the abstract.

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1 Introduction

Popkin et al. (2023)

There are hundreds of different tournament structures that dictate how a set of teams compete against each other to determine an overall ranking. Different tournaments have unique strengths and weaknesses, affecting how well they reflect the true rankings of the teams. The goal of a tournament is to find the best teams, but how can we quantify how well a tournament performs? In some instances, the tournament organizers only award the overall winner, but other times, the top three or ten teams are awarded. Because of this, organizers may prefer one structure over another based on their needs. Tournament organizers must also take into account factors like cost, timeliness, entertainment value, and fairness when choosing a tournament structure.

To evaluate a tournament's effectiveness, we propose a numerical metric that quantifies

2 Methods

3 Conclusion

Acknowledgements

Supplementary Material

References

Popkin, Charles A., Cole R. Morrissette, Thomas A. Fortney, Kyle L. McCormick, Prakash Gorroochurn, and Michael J. Stuart. 2023. "Fighting and Penalty Minutes Associated with Long-Term Mortality Among National Hockey League Players, 1967 to 2022." *JAMA Network Open* 6 (5): e2311308–8.