

Competitiveness of Formula 1 championship from 2012 to 2022 as measured by Kendall corrected evolutive coefficient

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Abstract

In this talk we analyze the *FIA Formula One World Championship* from 2012 to 2022 taking into account the drivers classifications and the constructors (*teams*) classifications of each Grand Prix race. The needed data consisted of 22 matrices of sizes ranging from 25×20 to 10×19 that have been elaborated from the GP classifications extracted from the official FIA site [2].

We have used the Kendall corrected evolutive coefficient recently introduced in [1] to study the evolution of the competitiveness along the years in both drivers and teams championships and also to compare both championships between them.

References

- [1] Pedroche, F., Conejero, J.A. Corrected Evolutive Kendall's τ Coefficients for Incomplete Rankings with Ties: Application to Case of Spotify Lists. *Mathematics*, 8(10), 1828, (2020).
- [2] <https://www.fia.com/>

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