

# Review of: "Measuring Complexity using Information"

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**Potential competing interests:** No potential competing interests to declare.

The article has wide and multiple informative aspects on the complexity concept, including "What is complexity?", "How is it conceived in different research fields?", and "How is it measured?".

Although the article is rich in bibliographic references, it lacks some balance between different sections.

The section "Infodynamics" was methodologically well presented, whereas other sections like "Taxonomic complexity", "Algorithmic complexity", and "Networks" were less explicit, leading to an unbalanced aspect in the article in reference to the general aspect of its title.

The current state of the article essentially focuses on "Infodynamics", which represents the main and well-presented method in the article. The article should be enriched by similar sections on the other methodologies (formula, illustrated principles) which represent other structuration and measurement ways of complexity. To make the article more balanced, more complete, and more attractive, the different measuring ways of complexity should be improved (completed) by more explanative text. A synthesis figure on the principles and processing of different methods would be a good alternative way to improve the article. Complementary illustrations of approaches are useful to balance the article in accordance with the title, which is not specific to infodynamics.

Minor: As this article has a review aspect, the section "Results" following "Introduction" does not have a clear meaning. I suggest replacing the subtitle "Results" with a more appropriate one, like "Different types and evaluation ways of complexity".