

Review of: "Measuring Complexity using Information"

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Potential competing interests: No potential competing interests to declare.

Reviewer Comments

Taxonomic Complexity Section: The author mentions that it is not possible to measure the complexity of biological systems. However, recent studies have reported significant findings in this area. A brief explanation of these studies should be added.

Network Section (Page 4): The author lists various types of "complexity," but in this section, refers to "networks" instead. For coherence, the section title should be changed to "Network Complexity," and relevant content should be added.

Multidimensional Complexity Section: The term "infodynamics" is used in this section, but it is explained in detail in the following section. For better flow, the infodynamics section should precede the Multidimensional Complexity section.

Discussion Section: The concept of free energy is mentioned. An additional explanation to make this concept more accessible would be beneficial.

Overall, the manuscript appears to summarize information and complexity appropriately. It would also be valuable to introduce the recently researched concept of "branch length similarity entropy." Relevant papers and articles can be easily found through a Google search.