

Peer Review

Review of: "Fantastic Biases (What are They) and Where to Find Them"

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Author claims that features generated by AIs are not so reliable and cannot justify the problems. Author proposes the Handcrafted features for the same instead of using the Algorithms of Artificial Intelligence. I have the following observations on the proposed work:

1. There are some typos, like IA is written in place of AI in the Abstract.
2. The readability of the paper is good, and we can understand the flow of work easily.
3. Author did not provide any mathematical proof or equations to justify his survey work in a more appropriate manner. Like claiming only the bias is there is not enough, or saying the methods like annotations, Unexpected Feature Values, Data Skewness, etc., result in the biased outputs.
4. As per general opinion, AI and its models work well on datasets of larger sizes, and handcrafted features cannot maintain better precision on heterogeneous and larger datasets. It simply denies the hypothesis of the Author.
5. Author is advised to provide proof of biasness instead of the textual discussion only, like Data Skewness and how the annotations impact on bias. Authenticate the hypothesis judiciously.
6. Overall, the paper is well written, and I recommend the author to enrich the manuscript with some results on the biasness of AI models like Support Vector Machine, etc.

Declarations

Potential competing interests: No potential competing interests to declare.