

Peer Review

Review of: "Model Contribution Rate Theory: An Empirical Examination"

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The authors address an important and interesting field, developer productivity approximation. However, the paper falls short in many areas and requires substantial improvements.

I found the paper quite difficult to read and understand. The actual problem and the purpose are not explained well. It would be helpful if the authors would provide a few research questions and outline the contributions early in the paper. There is quite a lot of repeated text and few motivations. It does not help that there are several definitions (10+) with, in my opinion, confusing names.

The related work section lacks a lot of relevant results in productivity and effort estimation. The authors should improve this section and relate their work to prior art.

I would also like to see an improved empirical evaluation. The authors compare their previous approach to the suggested one and conclude that the suggested one is better at filtering out irrelevant or inflated contributions. This is on heavily processed data, so it is difficult to value the contribution. It would be helpful to compare to ground truth and/or other methods.

Declarations

Potential competing interests: No potential competing interests to declare.