Qeios

Peer Review

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

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The framework provides an innovative approach but has room for refinement to better capture the complexities of software development. Key areas for improvement include:

- Overreliance on CTD risks oversimplification. Variability in commit patterns often reflects legitimate workflows.
- Adaptive practices like quick fixes are valuable in agile workflows and should not be misinterpreted as deviations.
- Clustering assumptions might oversimplify nuanced patterns, especially with single-dimensional metrics like CTD.
- Using size as a determinant may misclassify high-impact small changes.
- Non-coding activities like documentation and design are pivotal and deserve recognition.

Declarations

Potential competing interests: No potential competing interests to declare.

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