Your review report

Manuscript

Model verification of Clustering-based anomaly detection algorithm

Feedback for the author(s)

Review file(s)

No files added.

Comments to the author(s)

The authors propose CluStream modeling and verification method using CSP. The idea is interesting and the manuscript structure is clear and easy to follow. From the point of the reviewer's view, the authors can improve the quality of the manuscript with the following points:
- Generalize the clustering algorithm rather then only mention CluStream
- The contributions of the manuscript also should be clearer. e.g., the description of CluStream, CSP are not contribution. The authors should highlight what the pros and cons of the proposed method are. What is the benefit when using CSP to model and verify the CluStream, then using other formal languages..

Confidential feedback for the Editor

Your recommendation   • *Revise*

Is the experimental procedure or study design appropriate to answer the research question (including the use of appropriate controls)? Are the conclusions supported by the evidence presented?	• **Yes**
Please rate the novelty of the research on a scale of 1–5 (1=not at all novel and 5=extremely novel)?	• **4**
Is the presentation of the work clear, with regards to language and grammar?	• **Acceptable**
Does the title and abstract of this paper clearly reflect its content? And are the keywords representative of the research?	• **Yes**
Does the introduction present the purpose of the research investigation and is the purpose supported by the pertinent literature?	• **Yes**
Are the methods described sufficiently to allow the research study to be repeated by other parties? Is the software data code provided sufficient to be replicated?	• **Not relevant**
If applicable to the paper? Is the use of statistics and treatment of uncertainties appropriate?	• **Not relevant to this manuscript**
Are the images in this manuscript free from improper manipulation?	• **Yes**
Are the tables and figures well designed and necessary?	• **Yes**
Are the references provided appropriate and up to date?	• **Yes**

Confidential comments to the Editor