# Comment on dwes-2021-7

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Community comment on "Implementing and evaluating various machine learning models for pipe burst prediction" by Ahmad Ravanbakhsh et al., Drink. Water Eng. Sci. Discuss., https://doi.org/10.5194/dwes-2021-7-CC1, 2021

manuscript in the present version contains several problems. Appropriate revisions should be undertaken in order to justify recommendation for publication. It is mentioned that LSSVM and M5TREE models are used. What are the advantages of adopting these particular methods over others in this case? How will this affect the results? More details should be furnished.Why not tried MARS/OP-ELM/DENFIS/GMDH for comparison and validation?  For readers to quickly catch your contribution, it would be better to highlight major difficulties and challenges, and your original achievements to overcome them, in a clearer way in abstract and introduction.