

## ***Interactive comment on “Optimum Coagulant Forecasting with Modeling the Jar Test Experiments Using ANN” by Sadaf Haghiri et al.***

**Anonymous Referee #3**

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In general, the paper was well prepared. Although it is understandable, the paper does not introduce a novel technique, however, this paper is still the need for some further improvements to meet this journal. Anyhow, the following comments should be considered carefully.

1- Grammatical and structural errors e.g., In the abstract, “flocculation in water treatment are among the common ways . . . “Should it be flocculation in water treatment are the common ways. . . ? 2- Introduction is too long. 3- Data source should be mentioned and if the authors collaborated with field or laboratory tests or compiled them and also in which country. 4- This result (MSE and R2 ) is based on normalized data, what happens if we use the real data for your new model? You should explain about this matter. 5- This paper proposes a new model for predicting Optimum Coagulant of

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water treatment, but the discussion analysis of this new model is too few and simple, some related literature and discussion need to be added. 6- I feel the author could add more content in Section Results and Discussion. Now, this section is too simple, only is the introduction of the results. The findings need to be analyzed further in order to avoid the straightforward and nonsense.

Please also note the supplement to this comment:

<https://www.drink-water-eng-sci-discuss.net/dwes-2017-24/dwes-2017-24-RC3-supplement.pdf>

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Interactive comment on Drink. Water Eng. Sci. Discuss., <https://doi.org/10.5194/dwes-2017-24>, 2017.

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