Comments:  
We didn’t do anything about Random Forest and it is still in the keywords

RMSE is not calculated in percentage. It is expressed in the same units as our target variable of IFT

Oh okay, it was AARPE which I thought was RMSE.

Oh okay, I now see your point of density change as Niroomand-Toomanj developed his own system where pressure was first. So it seems not only does he not agree with Zhang but Rostami and Meybodi are now disproving him and we are supporting them with our findings. Quite ironic how studies can be disproven very easily.

Now for the neural network terms you’re seeing, here’s the hierarchy:  
ANN: just a broader term for neural networks. Can be feedforward or recurrent

Feedforward network is an ANN which flows information in only one direction. MLP is a synonym to Feedforward network.

Check the way you used cost and loss function in the xgboost explanation. Though used interchangeably they have different meanings. They can be synonymous but you have to be careful oof the way you use them. The loss function measures the error between the model's predictions and the actual target values for a single data point (or example) in the dataset. It quantifies how well the model is performing on an individual data point. The cost function is an aggregate measure of the loss (or error) over the entire dataset, which is the average or total loss of the model over all data points. It is essentially the average of the loss function values for all data points in the dataset.

Tensorflow and keras package move together. They’re both from google.

XGboost can also overfit. Didn’t mention that in the table.

Change grid search to random search.

I have yet to work on post processing and detection of outliers.

The comparisons here will change a bit oh. I think the ann beat the xgboost anaa?

For the declaration of competing interest: Yes mep3 sika, write it inside.

Please acknowledge my laptop, it worked very hard please. It doesn’t like that.