

That is a pretty interesting topic. Just adding my 2 cents here.

If we refer to the previous discussions about performance stationarity, this seems like the perfect solution.

I have not looked at the model myself but does it generalize at all? What are the results on the validation period?

I assume it is not too complex to achieve this result with trees. Just fit each era independently and ensemble the trees for example should give something probably 90% of the way there I imagine ( do not quote me on this

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This brings me to the important point that I think Numerai meant by performance stationarity, and it is instead model stationarity. If the model is fitted and behaving differently across eras of the training set, I do not believe this model has much chance of generalizing well as we have a limited set of eras. This is the typical bias/variance trade off.