

Peer review sheet

MAFS6010Z, 2021 fall

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Group that you review: Group16

	Confidence on your assessment (1-3)	Clarity and quality of writing (1-5)	Technical quality (1-5)	Overall rating (1-5)
Score	3	5	4	4

Summary:

In this report, they try to replicate the paper and focus on the analysis of the variable importance using those different machine learning methods. And in the paper replication, they make some simplifications and adjustments for the preliminary study.

Strengths:

It's good and reasonable to do some simplifications for the replication of this study because of the huge size of data set and such many characteristics.

Weaknesses:

In my opinion, I cannot tell a specific weakness in this report.

Clarity and writing:

The format of the report and the grammar of the article are both good, but I think it could be better to add some reference footnote or cite in the report rather than only put the list of reference on the end of the paper.

Technical quality:

The technical parts of the report are good and clear to read. However, there may be a little bit problem on calculating of the 8 Macroeconomic predictors. According to the explanation of the paper, "A Comprehensive Look at the Empirical Performance of Equity Premium Prediction" by Amit Goval & Ivo Welch, column D12 and E12 might represent the 12-month moving sums of dividends paid on the S&P 500 index and the 12-month moving sums of earnings on the S&P 500 index respectively. And in this case, the Dividend price ratio is the difference between the log of D12 and the log of index prices, while the Earnings price Ratio is the difference between the log of E12 and the log of index prices.