**Peer review sheet**

MAFS6010Z, 2021 fall

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Group that you review: group 6

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

Summary:

They constructed the 3 core building blocks of the CNN model according to the instructions in the paper and did hyperparameter tuning works based on the results on the validation set for those not covered in the paper. They follow the appendix in the paper to evaluate the performance of the CNN image classifier by comparing the accuracy, correlations and Sharpe ratios of variation of hyperparameters and visualize the returns of long-short portfolios.

Strengths:

They described the complete idea of the project and the detailed completion process. And they tried a lot.

Weaknesses:

With the absence of a portfolio construction method (the long-short decile strategies), the Sharpe ratios were not verifiable, and their results were not ideal.

Clarity and writing:

Their report is detailed and understandable, with clear thinking and clear presentation.

Technical quality:

The work of the paper was replicable, and their results of loss, accuracy were close to the original results while the correlations of their replication were lower. Their technical quality was good, but there is still a certain gap with the original paper.