Review

It is interesting report on train-free NAS for RNNs. In general, the idea of the report is clear, the structure is good. Figures are readable and well documented. However, used approachers and experimental results may be described in more detail. Numbering equations may simplify reference to them in text. Also, I have a question if Trace score was used in experiments?

Grammar corrections:

- "To train one method on **single it** requires a hundreds of GPU hours."
- "**. like** AmoebaNet"
- "**. like** NASNet"
- "The idea of train-free approaches **is choose** the optimal archi- tecture without any training."
- "So propose to use batch normalizations and change the way how the score is calculated."
- Also, **it very interesting**, because this method shows good performance of non-sequential NAS

Sentences that were not clear:

- "They utilizes Neural Tangent Kernel parameters as condition number of NTK the number of linear regions to assess trainability and expressivity correspondingly"
- "We use their code to reproduce their networks and assess our losses their test losses as a performanec metric."

Experiments is possible to reproduce using provided code, results seems to be the same as in repository's notebook.