

Survey of MIMO/Benefits of CF MIMO

Joseph Kuo, Andrew Liu, Stephen Wilcox

1. Documentation: Is the artifact/code sufficiently documented?

Rate from 0% to 100%, where 0% means "documentation is completely insufficient" and 100% means "documentation is absolutely sufficient". If you need to assess both a dataset and tools, please take the average and comment below. In assessing tools, please consider if they are easy or difficult to install/set up and get to run. In assessing datasets, please consider if the meta data is sufficient.

Choices are:

- ☐ 1. 0%
- ☐ 2. 20%
- ☐ 3. 40%
- ☐ 4. 60%
- ☒ 5. 80%
- ☐ 6. 100%

Documentation: Comment on/explain your choice above:

Codebase relies on Sionna and installation guide is provided.

2. Completeness: Do the submitted artifacts/code include all of the key components described in the report?

Rate from 0% to 100%, where 0% means "does not include any key components" and 100% means "includes all key components".

Choices are:

- ☐ 1. 0%
- ☐ 2. 20%
- ☐ 3. 40%
- ☐ 4. 60%
- ☐ 5. 80%
- ☒ 6. 100%

Completeness: Comment on/explain your choice above

Includes all key components for generating the results.

3. Exercisability: Do the submitted artifacts/code include the scripts and data needed to run the experiments described in the paper, and can the software be successfully executed?

Rate from 0% to 100%, where 0% means "the scripts/software cannot be successfully executed and/or no data is included" and 100% means "the artifact includes all necessary scripts/software and data, and scripts/software (if present) can be successfully executed".

Choices are:

- ☐ 1. 0%
- ☐ 2. 20%
- ☐ 3. 40%
- ☐ 4. 60%
- ☒ 5. ~~80%~~
- ☐ 6. 100%

Exercisability: Comment on/explain your choice above

All scripts are in a Jupyter notebook with installation statements. Code for some meta plots are not provided but overall almost everything is present.

4. Results attainable: Does the artifact/code make it possible, with reasonable effort, to obtain the key results from the artifact/code?

Rate from 0% to 100%, where 0% means "no results can be obtained" and 100% means "all results can be obtained".

Choices are:

- ☐ 1. 0%
- ☐ 2. 20%
- ☐ 3. 40%
- ☐ 4. 60%
- ☐ 5. 80%
- ☒ 6. ~~100%~~

Results attainable: Comment on/explain your choice above

Yes, it is very easy to run the code and obtain results.

5. Results completeness: How many key results of the paper/report is the provided code meant to support?

Rate from 0% to 100%, where 0% means "the artifact is meant to support no key results" and 100% means "the artifact is meant to support all key results".

Choices are:

- ☐ 1. 0%
- ☐ 2. 20%
- ☐ 3. 40%
- ☐ 4. 60%
- ☐ 5. 80%
- ☒ 6. 100%

Results completeness: Comment on/explain your choice above

All key results are provided in Jupyter notebooks.

Reviewer Team member1: Pushkal Mishra, Signature: *Pushkal Mishra*