

A template for model cards

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1 Model cards

Model cards are “short documents accompanying trained machine learning models that provide benchmarked evaluation in a variety of conditions, such as across different cultural, demographic, or phenotypic groups ... and intersectional groups ... that are relevant to the intended application domains. Model cards also disclose the context in which models are intended to be used, details of the performance evaluation procedures, and other relevant information.”

Model cards were motivated by systematic bias in commercial applications that were discovered only after the models were released. To counter that, the authors “advocate for measures of model performance that contain quantitative evaluation results to be broken down by individual cultural, demographic, or phenotypic groups, domain-relevant conditions, and intersectional analysis combining two (or more) groups and conditions.” The emphasis on ethic aspects of the measurements is a distinguishing feature of model cards, compared to other proposals to document models.

2 Template

Model Card - CheXNet

Refer to section 4.1 of the [model card paper](#) – remove this line after filling in this section.

Model Details

- Detail 1...
- Detail 2...

Refer to section 4.2 of the [model card paper](#) – remove this line after filling in this section.

Intended Use

- Intended use 1...

Refer to section 4.3 of the [model card paper](#) – remove this line after filling in this section.

Factors

- Factors 1...

Refer to section 4.4 of the [model card paper](#) – remove this line after filling in this section.

Metrics

- Metrics 1....

Refer to section 4.5 of the [model card paper](#) – remove this line after filling in this section.

Evaluation Data

- Evaluation data 1...

Refer to section 4.6 of the [model card paper](#) – remove this line after filling in this section.

Training Data

- Training data 1...

Refer to section 4.8 of the [model card paper](#) – remove this line after filling in this section.

Ethical Considerations

- Ethical considerations 1....

Refer to section 4.9 of the [model card paper](#) – remove this line after filling in this section.

Caveats and Recommendations

- Caveats and recommendations 1...

Refer to section 4.7 of the [model card paper](#) – remove this line after filling in this section.

Quantitative Analyses

Measurement 1	0.751
Measurement 2	0.762
Measurement 3	0.773
Measurement 4	0.784
Measurement average	0.768
Model measurement	0.791

Table 1: Longer caption to explain what the measurements are.