


ORES Custom Documentation VI

Disclaimer: No guarantee for the correctness of information / explanations / sources is given.

Goals

1. Metrics List: Create Table as a general quick-view
2. Metrics: which combinations are particularly useful, which are nonsensical?
 - Ask for documentation on IRC (✓)
 - Logically exclude combinations?
 - Document outputs
3. Recent Changes filter classes: how are edits assigned to them?
 - Also ask for documentation on IRC ✓
 - Which metrics are included in the process? ✓
 - How are the metrics (precision, recall, threshold) included in the associated API calls? What do the (GET?)-Requests look like?
4. Take a closer look at the Threshold Plot for Logistic Regression (Link)
 - What is the meaning of the areas around the curves?
 - What is queue rate exactly?
5. Take a closer look at the Swagger API Documentation
6.  Improve knowledge of ORES Docs and foremost the metrics

1 Metrics List: Table

2 Metrics combinations

example: https://ores.wikimedia.org/v3/scores/enwiki/?models=damaging&model_info=statistics.thresholds.true.%27maximum%20!precision%20@%20precision%20%3E=%200.9%27

3 Recent Changes Quality Prediction Filters

The Recent Changes quality prediction filters are a helpful tool in varying the precision and recall of catching damaging edits. They can be applied on the Recent changes site ([Link](#)).

Contribution quality predictions

Filter	Precision	Recall	Threshold range	
Very likely good	99%	91.1%	0	0.315
May have problems	15%	86.3%	0.144	1
Likely have problems	45.7%	48.1%	0.612	1
Very likely have problems	90%	8.2%	0.912	1

Wikipedia Source

To put those numbers into context: we can expect that, for example, the *Likely have problems* filter will be right about 45.7% of the time, classifying a contribution as damaging while catching 48.1% of problem edits.

To better understand threshold ranges it's helpful to also take a look at the following graphic:



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