



Challenges in Representation Learning: Facial Expression Recognition Challenge

Learn facial expressions from an image

\$500 · 56 teams · 4 years ago

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Overview

Description

Evaluation

Prizes

Timeline

One motivation for representation learning is that learning algorithms can design features better and faster than humans can. To this end, we hold this challenge that does not explicitly require that entries use representation learning. Rather, we introduce an entirely new dataset and invite competitors from all related communities to solve it. The dataset for this challenge is a facial expression classification dataset that we have assembled from the internet. Because this is a newly introduced dataset, this contest will see which methods are the easiest to get quickly working on new data.

Example baseline submissions are available as part of the pylearn2 python package available at <https://github.com/lisa-lab/pylearn2>

The baseline submissions for this contest are in `pylearn2/scripts/icml_2013_wrepl/emotions`

Because this task is very easy for humans to do, we will not provide the final test inputs until one week before the contest closes. Preliminary winners will need to release their winning code and demonstrate that they did not manually label the test set. We reserve the right to disqualify entries that may involve any manually labeling of the test set.

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Leaderboard



- 1 RBM
- 2 Unsupervised
- 3 Maxim Milakov

33 discussion topics



[How to convert .csv files to original images?](#)

4 replies · 21 days ago

[Full dataset released](#)

6 replies · a month ago

- 4 Radu+Marius+Cristi
- 5 Lor.Voldy
- 6 ryank
- 7 Eric Cartman
- 8 Xavier Bouthillier

Preprocessing findings

4 replies · a year ago

Data is available / new submissions allowed

18 replies · 3 years ago

Thanks!

15 replies · 4 years ago

Launch

4 years ago

Close

4 years ago



56

Teams

63

Competitors

Points This competition awarded standard [ranking points](#)

Tiers This competition counted towards [tiers](#)