

The dataset consists of 70 images downloaded from the internet, 10 per each class. It's a demanding dataset, you can view all images here:

<https://bitbucket.org/PeterRutkowski/fer/src/master/test/faces/>

Below you can find accuracy scores for all classes and a total accuracy score for the whole dataset.

Accuracy AFRAID: 0.5
Accuracy ANGRY: 0.6
Accuracy DISGUSTED: 0.3
Accuracy HAPPY: 0.3
Accuracy NEUTRAL: 0.0
Accuracy SAD: 0.3
Accuracy SURPRISED: 0.1
Accuracy TOTAL: 0.3

Below you can find exact model predictions in the following format:

<filename>
<original class score> <original class name>
<predicted score> <predicted class>

AF01.png
[1 0 0 0 0 0] AFRAID
[0.16 0. 0. 0. 0. 0.84 0.] SAD
AF02.png
[1 0 0 0 0 0] AFRAID
[1. 0. 0. 0. 0. 0.] AFRAID
AF03.png
[1 0 0 0 0 0] AFRAID
[0. 0. 0. 0. 0.85 0. 0.15] NEUTRAL
AF04.png
[1 0 0 0 0 0] AFRAID
[0. 0. 0. 0. 1. 0.] SAD
AF05.png
[1 0 0 0 0 0] AFRAID
[0. 0. 0. 0. 0. 1.] SURPRISED
AF06.png
[1 0 0 0 0 0] AFRAID
[1. 0. 0. 0. 0. 0.] AFRAID
AF07.png
[1 0 0 0 0 0] AFRAID
[0. 0. 0.01 0. 0. 0.99 0.] SAD
AF08.png
[1 0 0 0 0 0] AFRAID
[1. 0. 0. 0. 0. 0.] AFRAID
AF09.png
[1 0 0 0 0 0] AFRAID
[1. 0. 0. 0. 0. 0.] AFRAID
AF10.png
[1 0 0 0 0 0] AFRAID
[0.78 0. 0. 0. 0.05 0.16] AFRAID
AN01.png
[0 1 0 0 0 0] ANGRY
[0. 1. 0. 0. 0. 0.] ANGRY
AN02.png
[0 1 0 0 0 0] ANGRY
[1. 0. 0. 0. 0. 0.] AFRAID
AN03.png
[0 1 0 0 0 0] ANGRY
[0. 0. 1. 0. 0. 0.] DISGUSTED
AN04.png
[0 1 0 0 0 0] ANGRY
[0. 1. 0. 0. 0. 0.] ANGRY
AN05.png
[0 1 0 0 0 0] ANGRY
[0.99 0. 0.01 0. 0. 0. 0.] AFRAID
AN06.png
[0 1 0 0 0 0] ANGRY
[0. 0. 1. 0. 0. 0.] DISGUSTED
AN07.png
[0 1 0 0 0 0] ANGRY
[0. 1. 0. 0. 0. 0.] ANGRY
AN08.png
[0 1 0 0 0 0] ANGRY

[0. 1. 0. 0. 0. 0.] ANGRY
AN09.png
[0 1 0 0 0 0] ANGRY
[0. 1. 0. 0. 0. 0.] ANGRY
AN10.png
[0 1 0 0 0 0] ANGRY
[0. 1. 0. 0. 0. 0.] ANGRY
DI01.png
[0 0 1 0 0 0] DISGUSTED
[0.25 0. 0.72 0. 0.01 0. 0.]
DISGUSTED
DI02.png
[0 0 1 0 0 0] DISGUSTED
[0. 0. 1. 0. 0. 0.] DISGUSTED
DI03.png
[0 0 1 0 0 0] DISGUSTED
[0. 0. 1. 0. 0. 0.] DISGUSTED
DI04.png
[0 0 1 0 0 0] DISGUSTED
[0. 0.95 0.05 0. 0. 0. 0.] ANGRY
DI05.png
[0 0 1 0 0 0] DISGUSTED
[0. 1. 0. 0. 0. 0.] ANGRY
DI06.png
[0 0 1 0 0 0] DISGUSTED
[1. 0. 0. 0. 0. 0.] AFRAID
DI07.png
[0 0 1 0 0 0] DISGUSTED
[0.3 0.67 0.02 0. 0. 0. 0.] ANGRY
DI08.png
[0 0 1 0 0 0] DISGUSTED
[0. 1. 0. 0. 0. 0.] ANGRY
DI09.png
[0 0 1 0 0 0] DISGUSTED
[0. 0.1 0. 0. 0.54 0.35 0.] NEUTRAL
DI10.png
[0 0 1 0 0 0] DISGUSTED
[0. 0.9 0.1 0. 0. 0. 0.] ANGRY
HA01.png
[0 0 0 1 0 0] HAPPY
[0.96 0.01 0.02 0.01 0. 0. 0.] AFRAID
HA02.png
[0 0 0 1 0 0] HAPPY
[0. 0.61 0.37 0.03 0. 0. 0.] ANGRY
HA03.png
[0 0 0 1 0 0] HAPPY
[1. 0. 0. 0. 0. 0.] AFRAID
HA04.png
[0 0 0 1 0 0] HAPPY
[0. 1. 0. 0. 0. 0.] ANGRY
HA05.png
[0 0 0 1 0 0] HAPPY
[0.9 0. 0. 0.1 0. 0. 0.] AFRAID
HA06.png
[0 0 0 1 0 0] HAPPY
[0.07 0. 0. 0.92 0. 0. 0.] HAPPY
HA07.png
[0 0 0 1 0 0] HAPPY
[0. 0. 0. 0. 1. 0.] SAD
HA08.png
[0 0 0 1 0 0] HAPPY
[0. 0. 0. 1. 0. 0.] HAPPY
HA09.png
[0 0 0 1 0 0] HAPPY
[0.01 0. 0.99 0. 0. 0. 0.] DISGUSTED
HA10.png
[0 0 0 1 0 0] HAPPY
[0.4 0. 0. 0.6 0. 0. 0.] HAPPY
NE01.png
[0 0 0 0 1 0] NEUTRAL
[0. 1. 0. 0. 0. 0.] ANGRY
NE02.png
[0 0 0 0 1 0] NEUTRAL
[0.01 0. 0. 0. 0.99 0.] SAD
NE03.png
[0 0 0 0 1 0] NEUTRAL
[0.64 0. 0.04 0. 0. 0.32 0.] AFRAID
NE04.png
[0 0 0 0 1 0] NEUTRAL
[0.02 0. 0. 0. 0.98 0.] SAD
NE05.png

[0 0 0 0 1 0] NEUTRAL
[0. 0. 0. 0. 0. 1. 0.] SAD
NE06.png
[0 0 0 0 1 0] NEUTRAL
[0. 0.05 0. 0. 0. 0.95 0.] SAD
NE07.png
[0 0 0 0 1 0] NEUTRAL
[1. 0. 0. 0. 0. 0.] AFRAID
NE08.png
[0 0 0 0 1 0] NEUTRAL
[0. 1. 0. 0. 0. 0.] ANGRY
NE09.png
[0 0 0 0 1 0] NEUTRAL
[0. 0.14 0.82 0. 0. 0.03 0.]
DISGUSTED
NE10.png
[0 0 0 0 1 0] NEUTRAL
[0. 0.99 0. 0. 0.01 0. 0.] ANGRY
SA01.png
[0 0 0 0 0 1] SAD
[0.05 0. 0. 0. 0. 0.95 0.] SAD
SA02.png
[0 0 0 0 0 1] SAD
[0.28 0.68 0. 0. 0.03 0. 0.] ANGRY
SA03.png
[0 0 0 0 0 1] SAD
[0.19 0. 0. 0. 0.8 0. 0.] NEUTRAL
SA04.png
[0 0 0 0 0 1] SAD
[0. 0. 0. 0. 0. 1. 0.] SAD
SA05.png
[0 0 0 0 0 1] SAD
[0.01 0.16 0.83 0. 0. 0. 0.]
DISGUSTED
SA06.png
[0 0 0 0 0 1] SAD
[0. 0. 0.64 0. 0. 0.36 0.] DISGUSTED
SA07.png
[0 0 0 0 0 1] SAD
[0. 0. 1. 0. 0. 0.] DISGUSTED
SA08.png
[0 0 0 0 0 1] SAD
[0. 0. 0. 0. 0. 1. 0.] SAD
SA09.png
[0 0 0 0 0 1] SAD
[0. 1. 0. 0. 0. 0.] ANGRY
SA10.png
[0 0 0 0 0 1] SAD
[0. 0.96 0. 0. 0. 0.04 0.] ANGRY
SU01.png
[0 0 0 0 0 0] SURPRISED
[0. 0. 0. 0. 1. 0.] NEUTRAL
SU02.png
[0 0 0 0 0 0] SURPRISED
[0. 0. 0. 0. 0. 1. 0.] SAD
SU03.png
[0 0 0 0 0 0] SURPRISED
[1. 0. 0. 0. 0. 0.] AFRAID
SU04.png
[0 0 0 0 0 0] SURPRISED
[0. 1. 0. 0. 0. 0.] ANGRY
SU05.png
[0 0 0 0 0 0] SURPRISED
[0. 1. 0. 0. 0. 0.] ANGRY
SU06.png
[0 0 0 0 0 0] SURPRISED
[0. 0.98 0. 0. 0. 0. 0.02] ANGRY
SU07.png
[0 0 0 0 0 0] SURPRISED
[0.53 0. 0. 0. 0. 0.47] AFRAID
SU08.png
[0 0 0 0 0 0] SURPRISED
[0. 0. 0. 0. 0. 0. 1.] SURPRISED
SU09.png
[0 0 0 0 0 0] SURPRISED
[0.92 0. 0. 0. 0. 0.08] AFRAID
SU10.png
[0 0 0 0 0 0] SURPRISED
[1. 0. 0. 0. 0. 0.] AFRAID