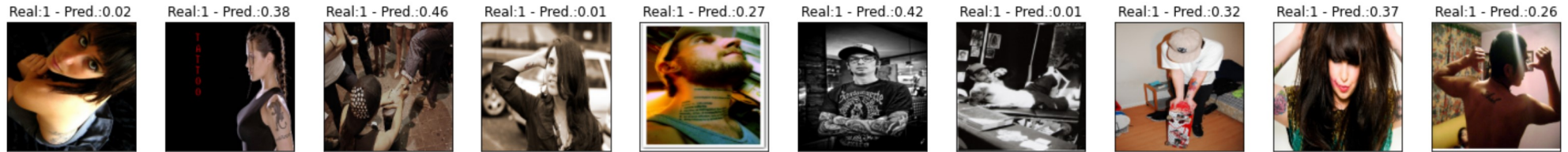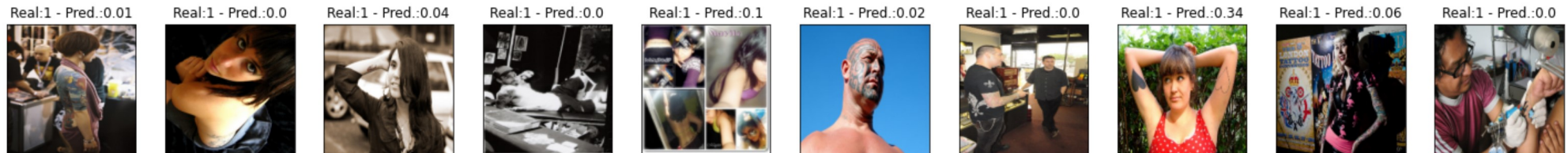```
Total imágenes y_train: 2527
Imágenes con tatuajes: 1451
Imágenes sin tatuajes: 1076
Total imágenes: 60
Evaluando modelo: 20200627-15:22-vgg-ft1-adam.h5
79/79 [==============================] - 6s 82ms/step - loss: 0.1104 - accuracy: 0.9628
79/79 [==============================] - 6s 73ms/step
79/79 [==============================] - 6s 73ms/step
```



Real:1 - Pred.:0.02    Real:1 - Pred.:0.38    Real:1 - Pred.:0.46    Real:1 - Pred.:0.01    Real:1 - Pred.:0.27    Real:1 - Pred.:0.42    Real:1 - Pred.:0.01    Real:1 - Pred.:0.32    Real:1 - Pred.:0.37    Real:1 - Pred.:0.26

```
Matriz de confusión
prediction      1      0
label
1            1358     93
0               1   1075
```

```
=======================================================================================================
Evaluando modelo: 20200627-15:27-vgg-ft1-SGD.h5
79/79 [==============================] - 6s 73ms/step - loss: 0.1632 - accuracy: 0.9660
79/79 [==============================] - 6s 73ms/step
79/79 [==============================] - 6s 73ms/step
```


Real:1 - Pred.:0.01   Real:1 - Pred.:0.0   Real:1 - Pred.:0.04   Real:1 - Pred.:0.0   Real:1 - Pred.:0.1   Real:1 - Pred.:0.02   Real:1 - Pred.:0.0   Real:1 - Pred.:0.34   Real:1 - Pred.:0.06   Real:1 - Pred.:0.0

```
Matriz de confusión
prediction      1      0
label
1            1371     80
0               6   1070
```

```
=======================================================================================================
Evaluando modelo: 20200627-14:26-vgg-ft2a-adam-augmented.h5
79/79 [==============================] - 6s 73ms/step - loss: 0.0667 - accuracy: 0.9774
79/79 [==============================] - 6s 73ms/step
79/79 [==============================] - 6s 73ms/step
```

Real:1 - Pred.:0.07 | Real:1 - Pred.:0.06 | Real:1 - Pred.:0.4 | Real:1 - Pred.:0.01 | Real:0 - Pred.:0.72 | Real:1 - Pred.:0.13 | Real:1 - Pred.:0.41 | Real:1 - Pred.:0.0 | Real:1 - Pred.:0.07 | Real:1 - Pred.:0.17

```
Matriz de confusión
prediction      1      0
label
1            1404     47
0              10   1066
```

```
================================================================================================
Evaluando modelo: 20200627-14:35-vgg-ft2b-SGD-augmented.h5
79/79 [==============================] - 6s 74ms/step - loss: 0.0923 - accuracy: 0.9731
79/79 [==============================] - 6s 73ms/step
79/79 [==============================] - 6s 73ms/step
```


Real:1 - Pred.:0.44 | Real:1 - Pred.:0.04 | Real:1 - Pred.:0.05 | Real:1 - Pred.:0.36 | Real:1 - Pred.:0.0 | Real:1 - Pred.:0.41 | Real:1 - Pred.:0.34 | Real:1 - Pred.:0.2 | Real:1 - Pred.:0.0 | Real:1 - Pred.:0.02

```
Matriz de confusión
prediction      1      0
label
1            1390     61
0               7   1069
```

```
================================================================================================
Evaluando modelo: 20200627-15:56-resnet50-ft-1-adam.h5
79/79 [==============================] - 4s 54ms/step - loss: 0.1262 - accuracy: 0.9600
79/79 [==============================] - 4s 50ms/step
79/79 [==============================] - 4s 50ms/step
```


Real:1 - Pred.:0.4 | Real:1 - Pred.:0.14 | Real:1 - Pred.:0.43 | Real:1 - Pred.:0.0 | Real:1 - Pred.:0.02 | Real:1 - Pred.:0.07 | Real:1 - Pred.:0.12 | Real:1 - Pred.:0.07 | Real:1 - Pred.:0.01 | Real:1 - Pred.:0.18
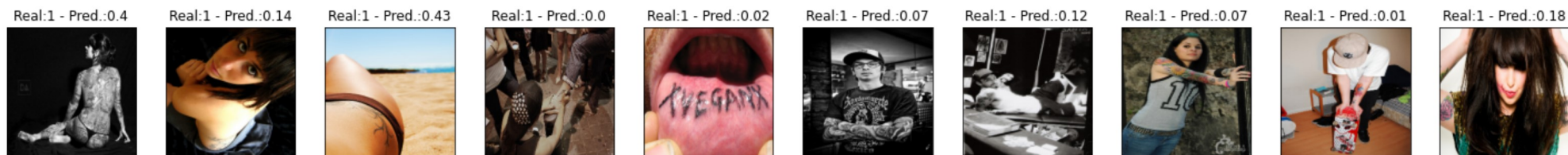
```
Matriz de confusión
prediction      1      0
label
1            1358     93
0               8   1068
```

```
================================================================================================
```

```
Evaluando modelo: 20200627-15:58-10000-resnet50-ft-1-adam-y-SGD.h5
79/79 [==============================] - 4s 51ms/step - loss: 0.1326 - accuracy: 0.9525
79/79 [==============================] - 4s 50ms/step
79/79 [==============================] - 4s 50ms/step
```

Real:1 - Pred.:0.03   Real:1 - Pred.:0.16   Real:1 - Pred.:0.01   Real:1 - Pred.:0.11   Real:1 - Pred.:0.49   Real:1 - Pred.:0.13   Real:1 - Pred.:0.05   Real:1 - Pred.:0.02   Real:1 - Pred.:0.04   Real:1 - Pred.:0.0


```
Matriz de confusión
prediction     1      0
label
1           1335    116
0              4   1072
```

```
======================================================================================================
Evaluando modelo: 20200627-17:00-10000-resnet50-ft-2-adam-augmented.h5
79/79 [==============================] - 4s 52ms/step - loss: 0.0999 - accuracy: 0.9644
79/79 [==============================] - 4s 51ms/step
79/79 [==============================] - 4s 51ms/step
```

Real:1 - Pred.:0.19   Real:0 - Pred.:0.65   Real:1 - Pred.:0.28   Real:1 - Pred.:0.43   Real:1 - Pred.:0.49   Real:1 - Pred.:0.01   Real:1 - Pred.:0.12   Real:1 - Pred.:0.27   Real:1 - Pred.:0.26   Real:1 - Pred.:0.06


```
Matriz de confusión
prediction     1      0
label
1           1374     77
0             13   1063
```

```
======================================================================================================
Evaluando modelo: 20200627-17:14-10000-resnet50-ft-2-adam-y-SGD-augmented.h5
79/79 [==============================] - 4s 51ms/step - loss: 0.1134 - accuracy: 0.9573
79/79 [==============================] - 4s 50ms/step
79/79 [==============================] - 4s 51ms/step
```
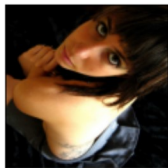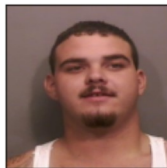
Real:0 - Pred.:0.71   Real:1 - Pred.:0.09   Real:0 - Pred.:0.89   Real:0 - Pred.:0.93   Real:1 - Pred.:0.39   Real:1 - Pred.:0.49   Real:1 - Pred.:0.49   Real:1 - Pred.:0.41   Real:1 - Pred.:0.0   Real:1 - Pred.:0.11

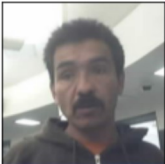

```
Matriz de confusión
prediction     1      0
label
```

```
1          1378    73
0            35  1041


=========================================================================================
Evaluando modelo: 20200627-18:08-mobilenetv2-ft-1-adam.h5
79/79 [==============================] - 2s 25ms/step - loss: 0.4815 - accuracy: 0.9830
79/79 [==============================] - 2s 23ms/step
79/79 [==============================] - 2s 23ms/step
```

| Real:1 - Pred.:0.0 | Real:1 - Pred.:0.0 | Real:1 - Pred.:0.0 | Real:1 - Pred.:0.0 | Real:1 - Pred.:0.06 | Real:1 - Pred.:0.01 | Real:1 - Pred.:0.05 | Real:1 - Pred.:0.0 | Real:1 - Pred.:0.0 | Real:1 - Pred.:0.11 |


```
Matriz de confusión
prediction     1      0
label
1          1409    42
0             1   1075


=========================================================================================
Evaluando modelo: 20200627-18:28-mobilenetv2-ft-2-adam-augmented.h5
79/79 [==============================] - 2s 24ms/step - loss: 0.4917 - accuracy: 0.9687
79/79 [==============================] - 2s 23ms/step
79/79 [==============================] - 2s 23ms/step
```

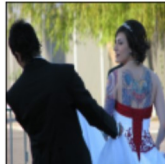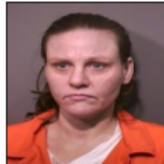| Real:0 - Pred.:0.83 | Real:0 - Pred.:1.0 | Real:1 - Pred.:0.0 | Real:0 - Pred.:1.0 | Real:0 - Pred.:1.0 | Real:1 - Pred.:0.0 | Real:0 - Pred.:1.0 | Real:1 - Pred.:0.0 | Real:0 - Pred.:0.57 | Real:0 - Pred.:0.99 |
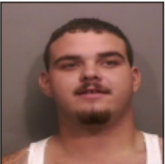

```
Matriz de confusión
prediction     1      0
label
1          1420    31
0            48   1028


=========================================================================================
```