

07_06_121050AM

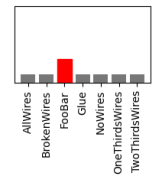
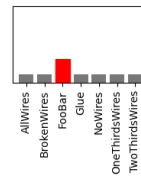
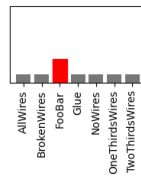
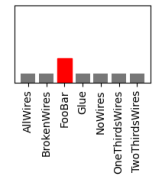
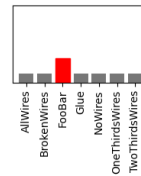
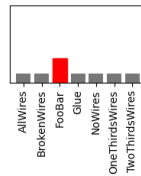
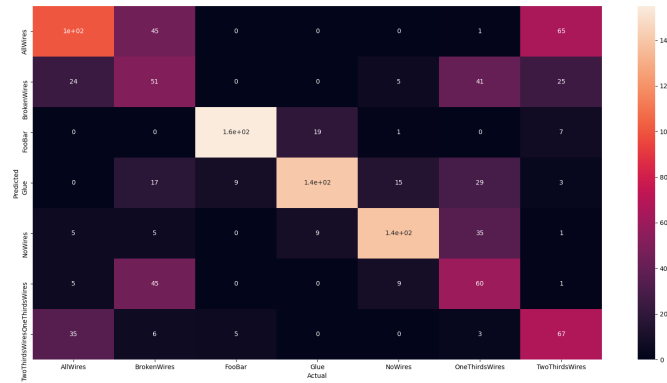
Stats

Total Tests: 1183
correct predictions: 713
incorrect predictions: 470
Percentage correct: 60.27%
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Most missed predictions

AllWires: 69
BrokenWires: 118
FooBar: 14
Glue: 28
NoWires: 30
OneThirdsWires: 109
TwoThirdsWires: 102

Confusion Matrix



Random Samples

Model Summary Model: "sequential"

| Layer (type) | Output Shape | Param # |
|--------------------------------|----------------------|---------|
| rescaling_1 (Rescaling) | (None, 480, 480, 3) | 0 |
| conv2d (Conv2D) | (None, 480, 480, 16) | 448 |
| conv2d_1 (Conv2D) | (None, 480, 480, 16) | 2320 |
| max_pooling2d (MaxPooling2D) | (None, 240, 240, 16) | 0 |
| conv2d_2 (Conv2D) | (None, 240, 240, 16) | 2320 |
| conv2d_3 (Conv2D) | (None, 240, 240, 16) | 2320 |
| max_pooling2d_1 (MaxPooling2D) | (None, 120, 120, 16) | 0 |
| conv2d_4 (Conv2D) | (None, 120, 120, 32) | 4640 |

| | | | |
|---|----------------------|-------|--|
| conv2d_5 (Conv2D) | (None, 120, 120, 32) | 9248 | |
| ----- | | | |
| batch_normalization (Batch Normalization) | (None, 120, 120, 32) | 128 | |
| max_pooling2d_2 (MaxPooling2D) | (None, 60, 60, 32) | 0 | |
| conv2d_6 (Conv2D) | (None, 60, 60, 32) | 9248 | |
| ----- | | | |
| conv2d_7 (Conv2D) | (None, 60, 60, 32) | 9248 | |
| ----- | | | |
| max_pooling2d_3 (MaxPooling2D) | (None, 30, 30, 32) | 0 | |
| conv2d_8 (Conv2D) | (None, 30, 30, 32) | 9248 | |
| ----- | | | |
| conv2d_9 (Conv2D) | (None, 30, 30, 32) | 9248 | |
| ----- | | | |
| max_pooling2d_4 (MaxPooling2D) | (None, 15, 15, 32) | 0 | |
| conv2d_10 (Conv2D) | (None, 15, 15, 32) | 9248 | |
| ----- | | | |
| conv2d_11 (Conv2D) | (None, 15, 15, 32) | 9248 | |
| ----- | | | |
| max_pooling2d_5 (MaxPooling2D) | (None, 7, 7, 32) | 0 | |
| conv2d_12 (Conv2D) | (None, 7, 7, 32) | 9248 | |
| ----- | | | |
| conv2d_13 (Conv2D) | (None, 7, 7, 32) | 9248 | |
| ----- | | | |
| max_pooling2d_6 (MaxPooling2D) | (None, 3, 3, 32) | 0 | |
| flatten (Flatten) | (None, 288) | 0 | |
| dense (Dense) | (None, 128) | 36992 | |
| ----- | | | |
| dropout (Dropout) | (None, 128) | 0 | |
| dense_1 (Dense) | (None, 32) | 4128 | |
| ----- | | | |
| dense_2 (Dense) | (None, 32) | 1056 | |
| ----- | | | |
| dense_3 (Dense) | (None, 7) | 231 | |
| ===== | | | |
| Total params: 137,815 Trainable params: 137,751 Non-trainable | | | |
| params: 64 | | | |