

09_15_1222h5.md

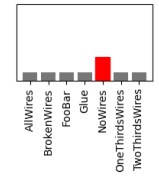
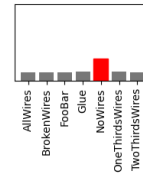
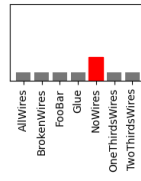
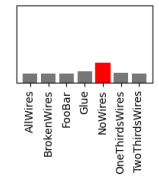
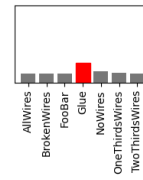
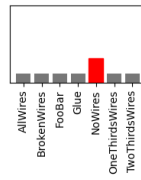
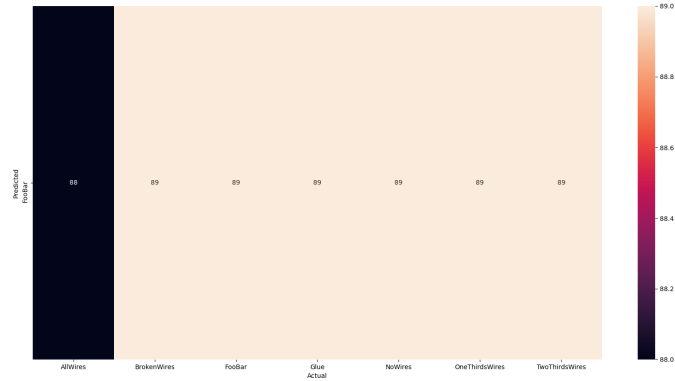
Stats

Total Tests: 622
correct predictions: 89
incorrect predictions: 533
Percentage correct: 14.31%
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Most missed predictions

AllWires: 88
BrokenWires: 89
Glue: 89
NoWires: 89
OneThirdsWires: 89
TwoThirdsWires: 89

Confusion Matrix



Random Samples

Model Summary Model: "sequential"

Layer (type)	Output Shape	Param #
rescaling (Rescaling)	(None, 480, 480, 3)	0
conv2d (Conv2D)	(None, 480, 480, 16)	448
conv2d_1 (Conv2D)	(None, 480, 480, 16)	2320
batch_normalization (Batch Normalization)	(None, 480, 480, 16)	64
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_1 (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	
batch_normalization_2 (Batch Normalization)	(None, 15, 15, 32)	128	
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	
conv2d_14 (Conv2D)	(None, 3, 3, 64)	18496	
max_pooling2d_7 (MaxPooling2D)	(None, 1, 1, 64)	0	
flatten (Flatten)	(None, 64)	0	
dense (Dense)	(None, 128)	8320	
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: 127,831 Trainable params: 127,671 Non-trainable params: 160			