

# CNNv2.e097.val\_acc\_0.91117.h5

Jorden\_net earlystopping model checkpoint

## Stats

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Total Tests: 1183
correct predictions: 849
incorrect predictions: 334
Percentage correct: 71.77%
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Most missed predictions

AllWires: 42

BrokenWires: 86

FooBar: 31

Glue: 9

NoWires: 33

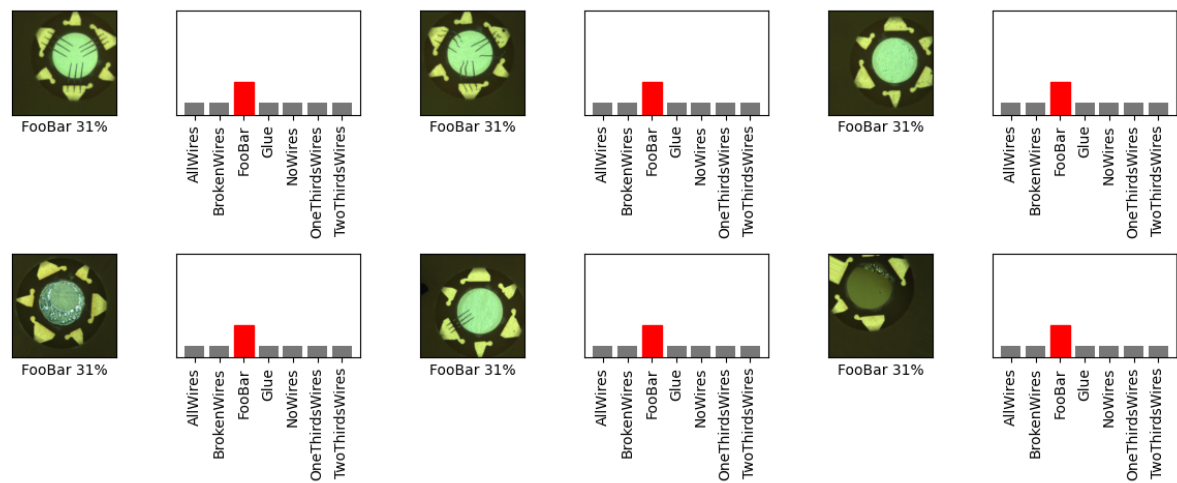
OneThirdsWires: 34

TwoThirdsWires: 99

## Confusion Matrix



# Random Samples



# Model Summary

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
max_pooling2d (MaxPooling2D)	(None, 240, 240, 16)	0
conv2d_2 (Conv2D)	(None, 240, 240, 32)	4640
conv2d_3 (Conv2D)	(None, 240, 240, 32)	9248
batch_normalization (BatchNo	(None, 240, 240, 32)	128
max_pooling2d_1 (MaxPooling2	(None, 120, 120, 32)	0

conv2d_4 (Conv2D)	(None, 120, 120, 32)	9248
conv2d_5 (Conv2D)	(None, 120, 120, 32)	9248
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, 64)	18496
max_pooling2d_6 (MaxPooling2D)	(None, 2, 2, 64)	0
flatten (Flatten)	(None, 256)	0
dense (Dense)	(None, 128)	32896
dropout (Dropout)	(None, 128)	0
dense_1 (Dense)	(None, 32)	4128
dense_2 (Dense)	(None, 32)	1056
dense_3 (Dense)	(None, 7)	231
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Total params: 147,575

Trainable params: 147,511

Non-trainable params: 64

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