

Test 3: numplants = 167 targetsize = (299,299) batchsize = 48 epochs = 100 Model: "sequential" __ Layer (type) Output Shape Param #

===== inception_resnetv2

(Model) (None, None, None, 1536) 54336736

__ global_averagepooling2d (GlobalAveragePooling2D) (None, 1536) 0

__ dense (Dense) (None, 4096) 6295552

_dense1 (Dense) (None, 2048) 8390656

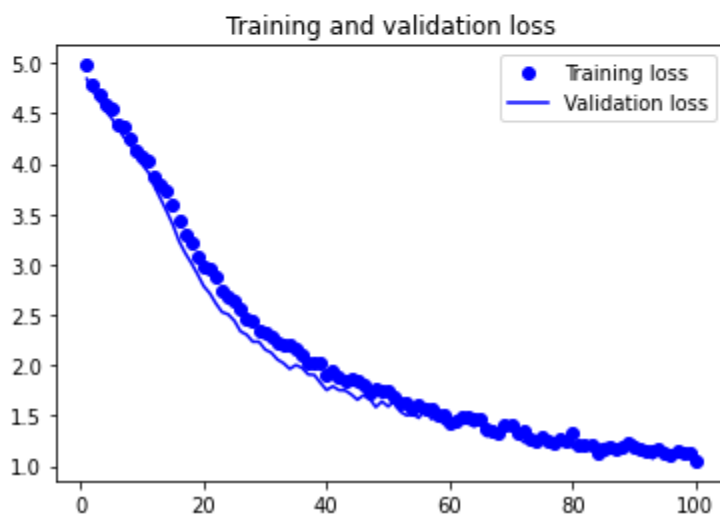
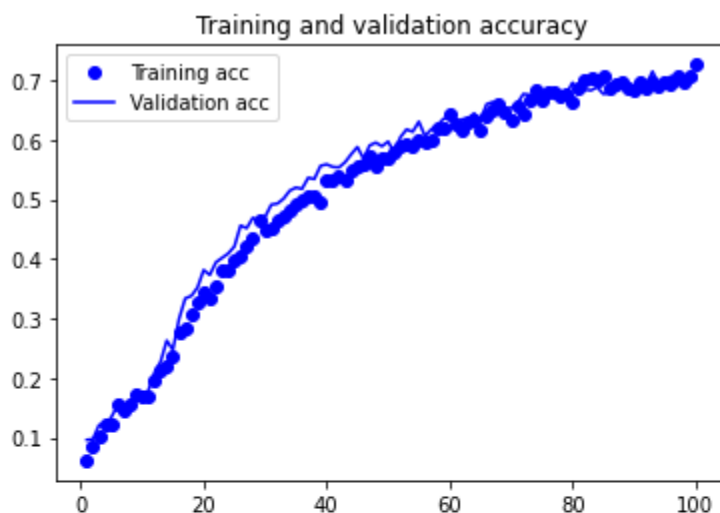
__ dense2 (Dense) (None, 1024) 2098176

__ dense_3 (Dense) (None, 167) 171175

===== Total params:

71,292,295 Trainable params: 71,231,751 Non-trainable params: 60,544 72/72

[=====] - 126s 2s/step - loss: 1.1210 - accuracy: 0.7083 test acc: 0.7083333



Conclusion: Accuracy slightly increased with larger representation space. Also increased batch size. Going to test a different convolution base.