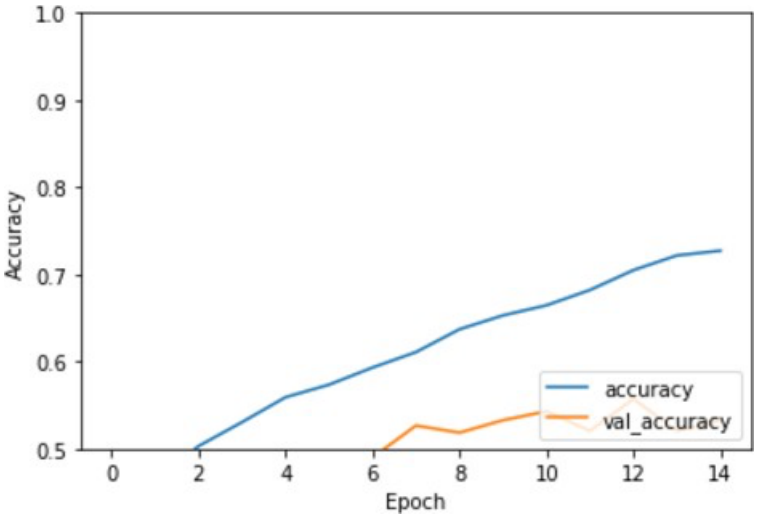
Report for CNN

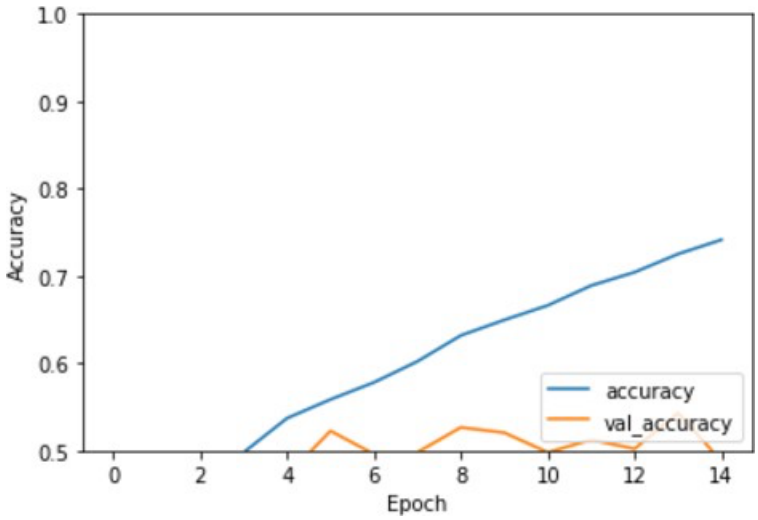
Dataset: Visual Domain Decathlon

Graphs showing the training and test accuracy versus epoch number (for 15 epochs) for the followingsettings:

Number of convolutional layers = 1 and img_size = 32



Number of convolutional layers = 1 and img_size = 64



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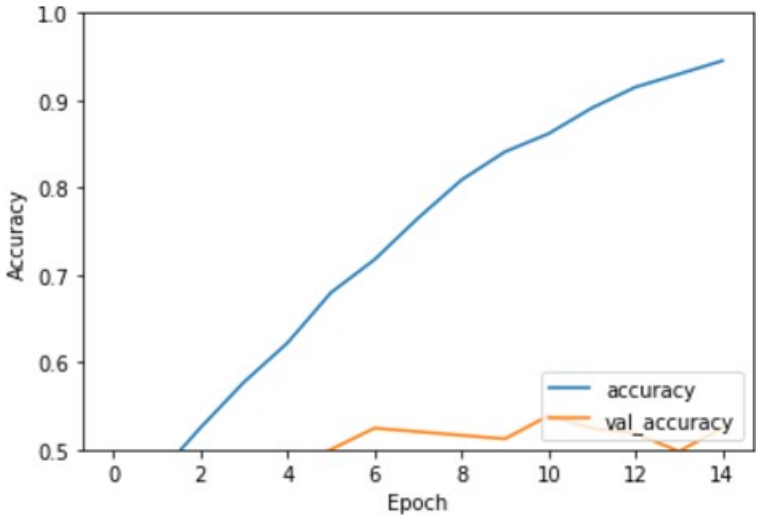
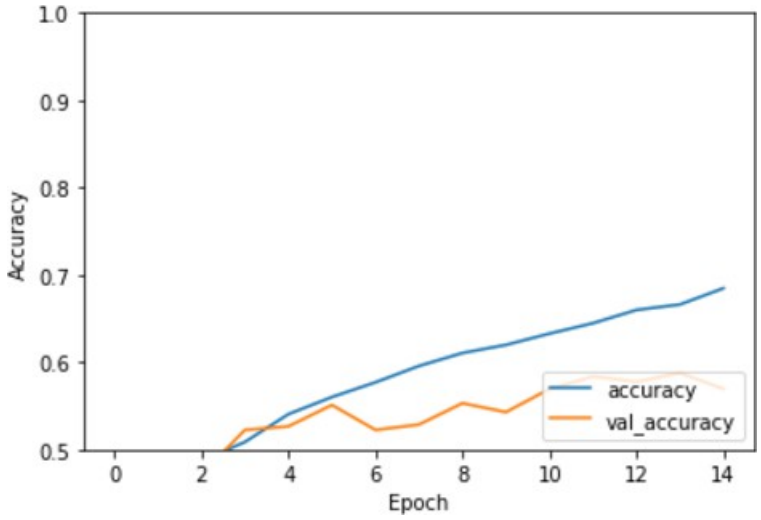
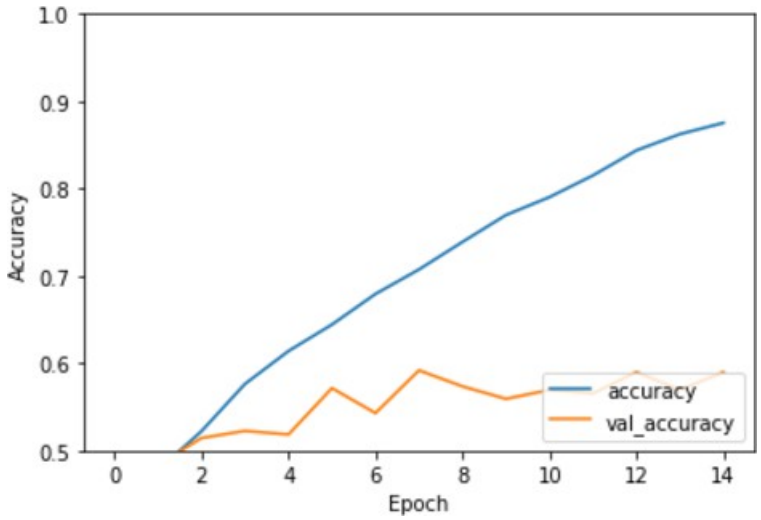
Number of convolutional layers = 1 and img_size = 112



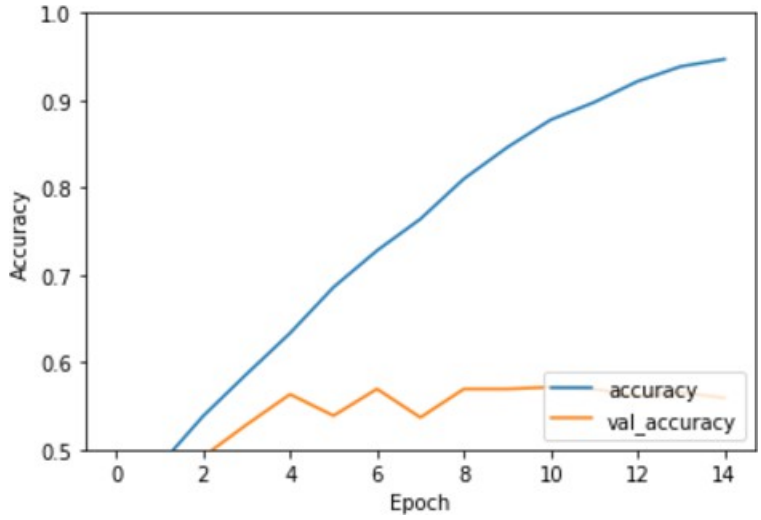
Number of convolutional layers = 2 and img_size = 32



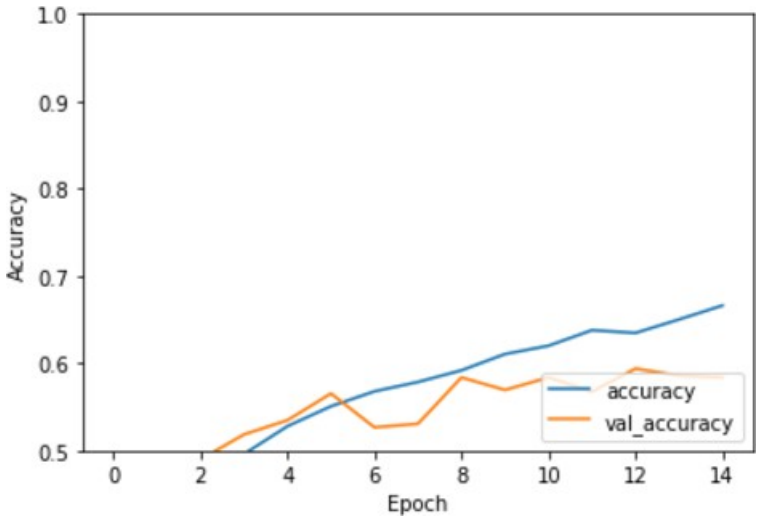
Number of convolutional layers = 2 and img_size = 64



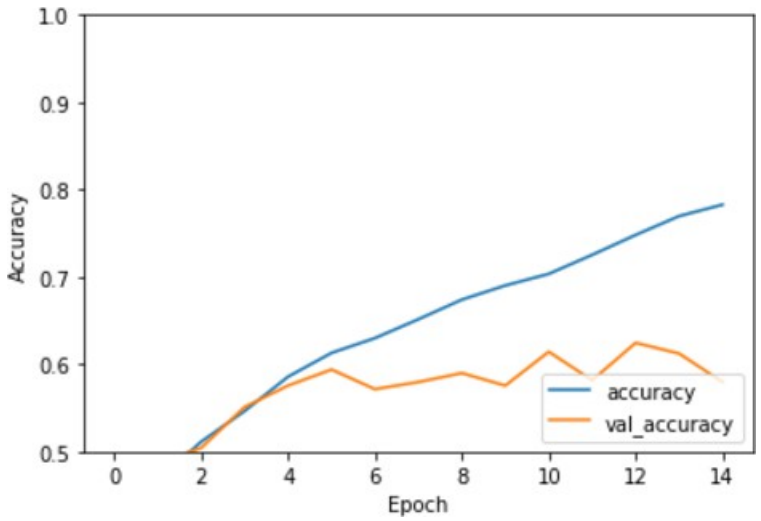
Number of convolutional layers = 2 and img_size = 112



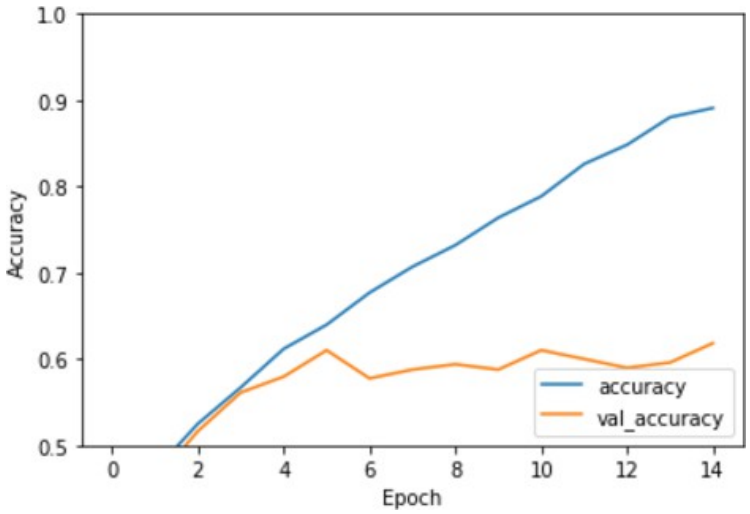
Number of convolutional layers = 3 and img_size = 32



Number of convolutional layers = 3 and img_size = 64



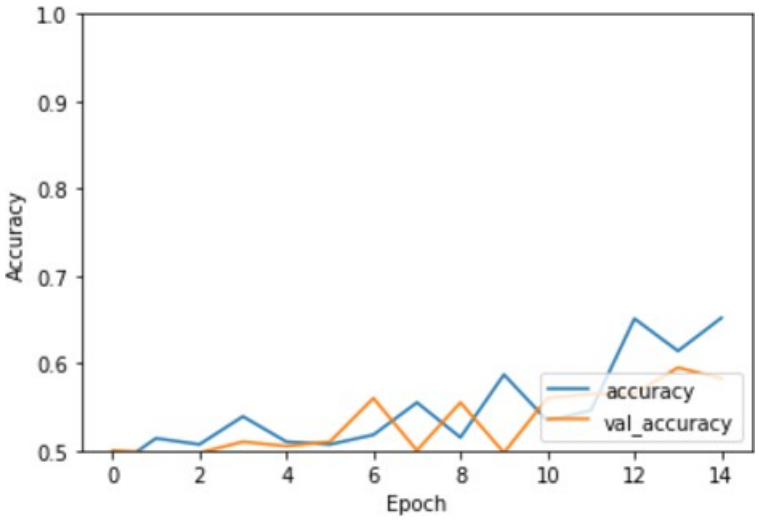
Number of convolutional layers = 3 and img_size = 112



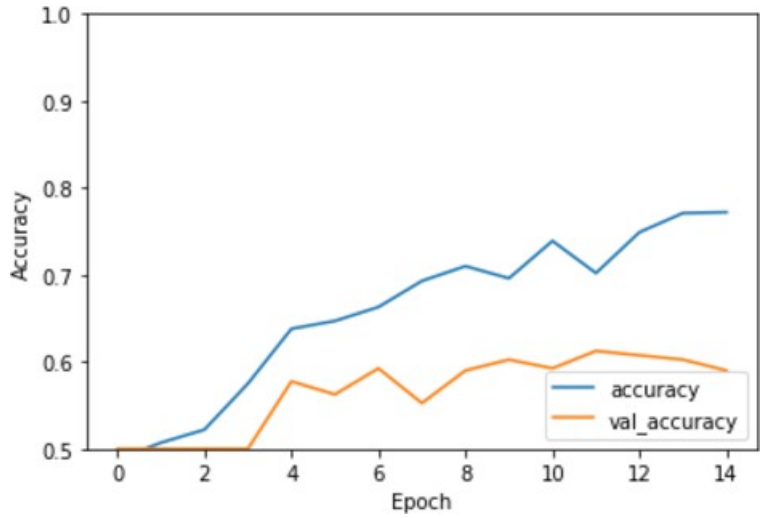
Dataset: Cat-Dog

Graphs showing the training and test accuracy versus epoch number(for 15 epochs) for the followingsettings:

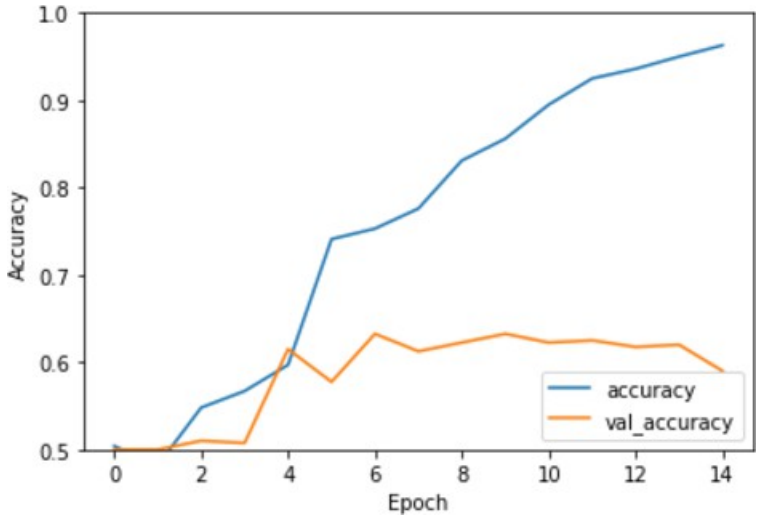
Number of convolutional layers = 1 and img_size = 32



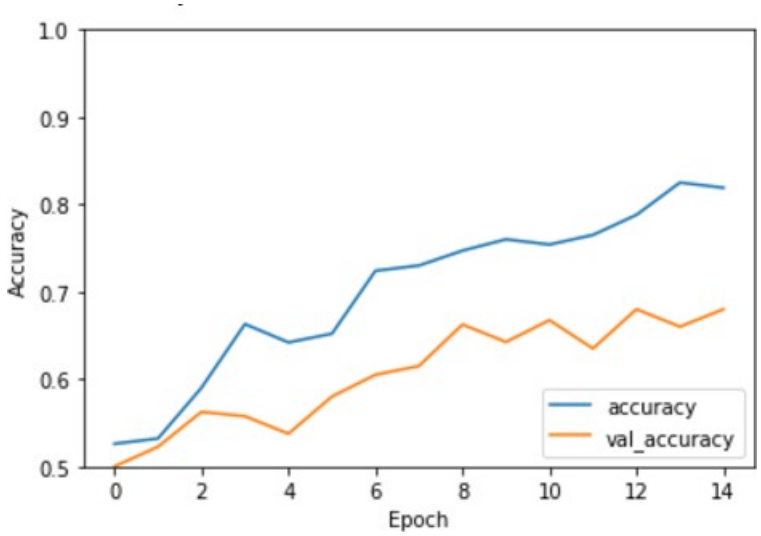
Number of convolutional layers = 1 and img_size = 64



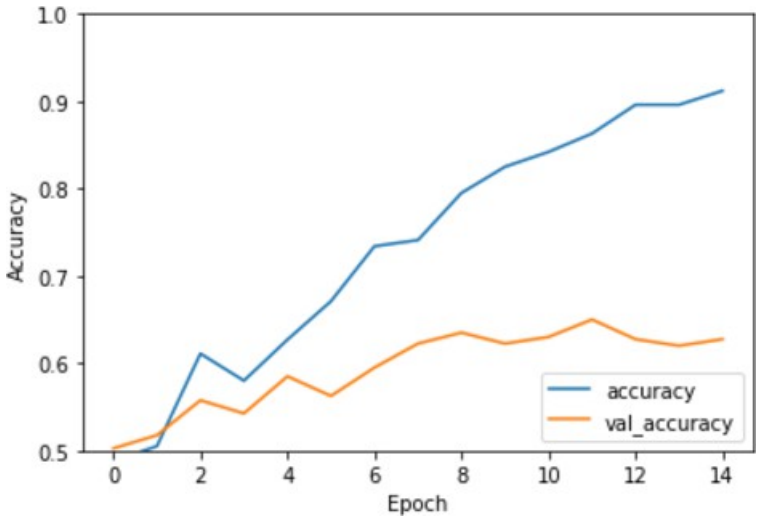
Number of convolutional layers = 1 and img_size = 112



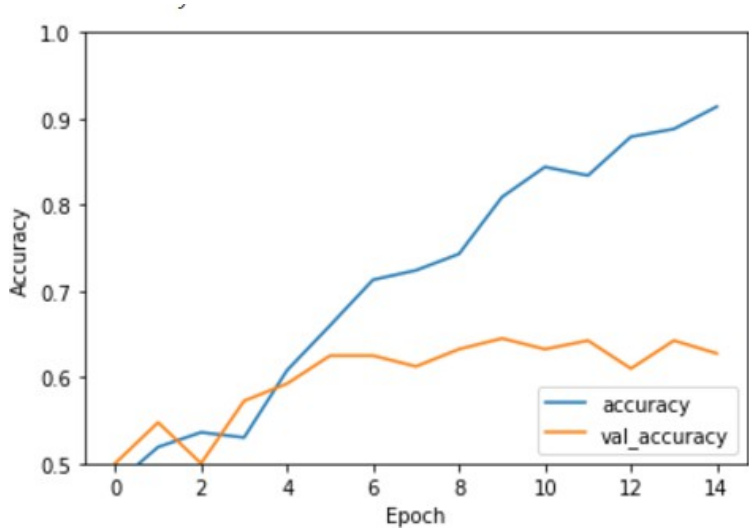
Number of convolutional layers = 2 and img_size = 32



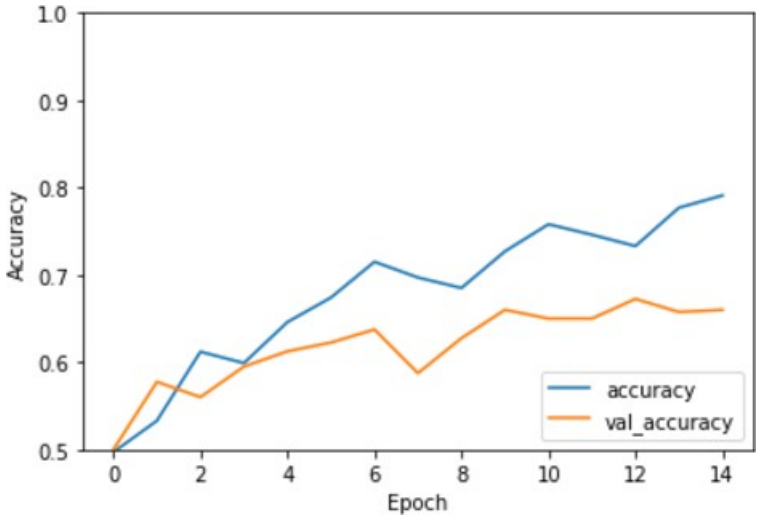
Number of convolutional layers = 2 and img_size = 64



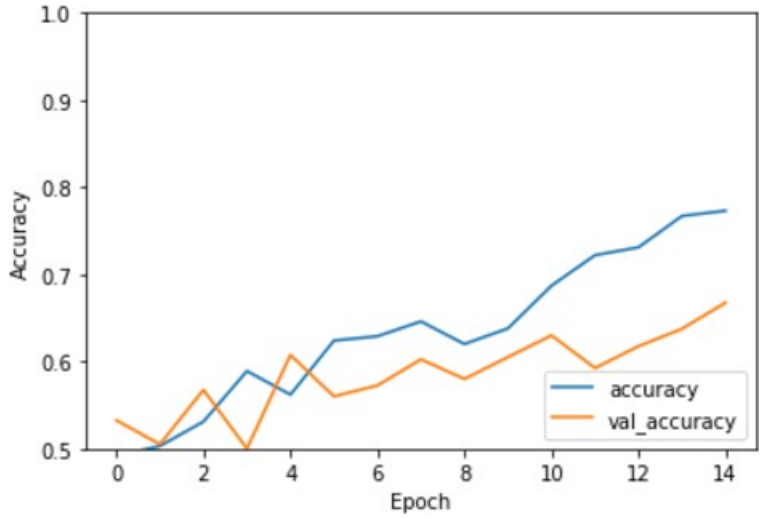
Number of convolutional layers = 2 and img_size = 112



Number of convolutional layers = 3 and img_size = 32



Number of convolutional layers = 3 and img_size = 64



Number of convolutional layers = 3 and img_size = 112