

**EEN**

**0.689**

```
model_both = tf.keras.models.Sequential([

    layers.RandomFlip("horizontal",
                      input_shape=(90,
                                   120,
                                   3)),
    layers.RandomRotation(0.1),
    layers.RandomZoom(0.5),
    layers.Rescaling(1./255, input_shape=(90, 120, 3)),
    layers.Conv2D(32, 3, padding='same', activation='relu'),
    layers.MaxPooling2D(),
    layers.Conv2D(64, 3, padding='same', activation='relu'),
    layers.MaxPooling2D(),
    #layers.AveragePooling2D(),
    layers.Dropout(0.4),
    layers.Flatten(),
    layers.Dense(128, activation='relu'),

    layers.Dense(2)

])
```

**TWEE**

**0.665**

```
model_augment_image = tf.keras.models.Sequential([

    layers.RandomFlip("horizontal",
                      input_shape=(90,
                                   120,
```

```
3)),  
layers.RandomRotation(0.1),  
layers.RandomZoom(0.5),  
layers.Rescaling(1./255, input_shape=(90, 120, 3)),  
layers.Conv2D(32, 3, padding='same', activation='relu'),  
layers.MaxPooling2D(),  
layers.Conv2D(64, 3, padding='same', activation='relu'),  
layers.MaxPooling2D(),  
#layers.AveragePooling2D(),  
  
layers.Flatten(),  
layers.Dense(128, activation='relu'),  
  
layers.Dense(2)  
  
])
```