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conv2d (Conv2D) (None, 298, 298, 16) 448

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max\_pooling2d (MaxPooling2D) (None, 149, 149, 16) 0

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conv2d\_1 (Conv2D) (None, 147, 147, 32) 4640

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max\_pooling2d\_1 (MaxPooling2 (None, 73, 73, 32) 0

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conv2d\_2 (Conv2D) (None, 71, 71, 64) 18496

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max\_pooling2d\_2 (MaxPooling2 (None, 35, 35, 64) 0

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conv2d\_3 (Conv2D) (None, 33, 33, 128) 73856

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max\_pooling2d\_3 (MaxPooling2 (None, 16, 16, 128) 0

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conv2d\_4 (Conv2D) (None, 14, 14, 256) 295168

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max\_pooling2d\_4 (MaxPooling2 (None, 7, 7, 256) 0

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global\_average\_pooling2d (Gl (None, 256) 0

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dense (Dense) (None, 128) 32896

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dense\_1 (Dense) (None, 64) 8256

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dense\_2 (Dense) (None, 1) 65

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Total params: 433,825

Trainable params: 433,825

Non-trainable params: 0

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(None, 300, 300, 3)

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| --- | --- | --- | --- | --- | --- |
| Batch size | epochs | Optimizer | UnderFit | OverFit | Aug |
| 8 | 20 | Adam | No | No | Yes |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Val | Loss | Acc | Recall | precision | recall | specificity |
|  |  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Train | Loss | Acc | Recall | precision | recall | specificity |
|  |  |  |  |  |  |