|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | inceptionV3 | Vgg16 | vgg19 |  |
| % Layers unfrozen | ~0 | 0 | 0 |  |
| Test accuracy (%) | 30.6 | 75.6 | 74.9 |  |
| % Layers unfrozen | 11.0 | 21.1 | 22.7 |  |
| Test accuracy (%) | 37.2 | 32.5 | 35.3 |  |
| % Layers unfrozen | 91.2 | 73.7 | 72.7 |  |
| Test accuracy (%) | 28.9 | 32.5 | 30.8 |  |
| % Layers unfrozen | 100 | 100 | 100 |  |
| Test accuracy (%) | 71.1 | 31.7 | 30.8 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model (RMSprop) | inceptionV3 | Vgg16 | vgg19 |  |
| % Layers unfrozen |  | 0 | 0 |  |
| Test accuracy (%) |  | 78.1 | 76.9 |  |
| % Layers unfrozen |  | 21.1 | 22.7 |  |
| Test accuracy (%) |  | 76.1 | 72.5 |  |
| % Layers unfrozen |  | 73.7 | 72.7 |  |
| Test accuracy (%) |  | 28.3 | 72.8 |  |
| % Layers unfrozen |  | 100 | 100 |  |
| Test accuracy (%) |  | 76.7 | 71.9 |  |