Table for result of the pre-trained models on ImageNet with train batch size = 25, validation batch size = 25, steps per epoch = 152, validation steps = 38, epochs = 10.

|  |  |  |
| --- | --- | --- |
| Model | Validation accuracy | Test accuracy |
| Resnet50 | 82% | 85.138% |
| InceptionV3 | 77% | 77% |
| Xception | 85% | 84% |
| VGG16 | 77% | 79% |
| VGG19 | 80% | 80% |
| InceptionResNetV2 | 77% | 80% |
| MobileNet | 83% | 82% |
| DenseNet121 | 81% | 80% |
| DenseNet169 | 82% | 82% |
| DenseNet201 | 82% | 82% |
| NASNetMobil | 36% | 41% |
| NASNetLarge | 59% | 67% |
| Resnet50 with data augmentaion | 83% | 85.768% |