**2.4.1 GoogLeNet (Ziyu Guo)**

**4.3.1 GoogLeNet (Ziyu Guo)**

**Parameter setting:**

Batchsize = 40, Epochs = 20, Learning rate = 0.0004

|  |  |
| --- | --- |
| Table 4.3.1.1 Sample size and Average training time | |
| Sample size | Average training time  (seconds/20 Epochs) |
| 400 | 330 |
| 1200 | 970 |
| 2000 | 1640 |
| 2800 | 2120 |
| 3600 | 2950 |
| 4400 | 3780 |
| 5200 | 4320 |
| 6000 | 5150 |

Layers

|  |  |
| --- | --- |
| Table 4.3.1.2 Added layer type and number of parameter | |
| Layer type | Number of parameters |
|  |  |
|  |  |

Trainable layers and number of trainable parameters

|  |  |
| --- | --- |
| Table 4.3.1.2 Trainable number of layers and trainable parameters | |
| Trainable number of layers | Number of trainable parameters |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

**Experiment results**

**Discussion**

Reference from Ziyu Guo