|  |  |  |  |
| --- | --- | --- | --- |
| Models | Input Layer Units | Hidden Layer Units | Output Layer Units |
| Model1 | 30 | Layer1- 20  Layer2- 10 | 2 |
| Model2 | 21 | Layer1- 10  Layer2- 5 | 2 |
| Model3 | 21 | Layer1- 14  Layer2- 12  Layer3- 10 | 2 |

For Dataset- Sliding03\_goals

Epoch=1000

Difference between validation loss and training loss is close to each other, so low overfitting and underfitting. Also, Quality model accuracy is better

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Models | Val\_acc | Val\_loss | Train\_acc | Train\_loss |
| Model1 | 67% | 0.36 | 0.73 | 0.18 |
| Model2 | 65% | 0.21 | 73% | 0.19 |
| Model3 | 69% | 0.3438 | 73% | 0.3449 |

QM=Quality Model, HG=Home goals, AG= Away goals

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Models | QM\_HG\_Train | QM\_AG\_Train | FinalQM\_ Train | QM\_HG\_ Test | QM\_AG\_ Test | FinalQM\_ Test |
| Model1 | 0.83 | 0.84 | 0.84 | 0.81 | 0.83 | 0.82 |
| Model2 | 0.82 | 0.84 | 0.83 | 0.82 | 0.84 | 0.83 |
| Model3 | 0.82 | 0.84 | 0.83 | 0.82 | 0.84 | 0.83 |