10fps -> 50 fps (T180\_s50)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model Name | Learning rate | Epochs | Batch | Frames\_DIF | Neurons | Layers | Rating (/10) |
| T180\_D6 | 0.0004 | 1000 | 8500 | 6 | 70 | 8 | 6 - NA |
| 1 | 0.0004 | 500 | 8500 | 3 | 70 | 4 | F – NA |
| 2 | 0.0004 | 1000 | 8500 | 3 | 70 | 4 | 3 – NA |
| 3 | 0.0004 | 1500 | 8500 | 3 | 70 | 4 | 5 – NA |
| 4 | 0.0004 | 2000 | 5000 | 3 | 70 | 4 | 6.5 – NA |
| 5 | 0.0004 | 2500 | 4000 | 3 | 70 | 4 | 8.5 - |
| 6 | 0.0004 | 3200 | 3000 | 3 | 32 | 3 | F - NA |
| 7 | 0.0005 | 5000 | 4000 | 3 | 32 | 3 | 9 - NA |
| 8 | 0.0004 | 6000 | 4000 | 3 | 32 | 3 | 7 - NA |
| 9 | 0.0005 | 6000 | 4000 | 3 | 32 | 3 | 9.5 – 1.5 |
| 10 | 0.0004 | 8000 | 4000 | 2 | 15 | 3 | 8 - NA |
| 11 | 0.0004 | 10000 | 4000 | 2 | 15 | 3 | 8.6 - 4 |
| 12 | 0.0005 | 15000 | 5000 | 2 | 10 | 2 | 2.5 - NA |
| 13 | 0.0004 | 20000 | 8000 | 2 | 15 | 2 | 3 - NA |
| 14 | 0.0004 | 8000 | 6000 | 2 | 20 | 3 | 5 - NA |
| 15 | 0.0004 | 12000 | 6000 | 2 | 24 | 3 | 9.3 – 2.5 |

10fps ->10fps (T180\_s10)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model Name | Learning rate | Epochs | Batch | Frames\_DIF | Neurons | Layers | Rating (/10) |
| 16 | 0.0004 | 2000 | 1500 | 2 | 24 | 3 | 0 – NA |
| 17 | 0.0004 | 3000 | 1500 | 1 | 24 | 3 | 0 – NA |
| 18 | 0.0004 | 8000 | 1500 | 1 | 24 | 3 | 1 – NA |
| 19 | 0.0005 | 10000 | 1500 | 1 | 24 | 3 | 9 – 3 |
| 20 | 0.0005 | 10000 | 1500 | 0 | 24 | 3 | 9 – 4.5 |
| 21 | 0.0005 | 12000 | 1200 | 0 | 20 | 3 | 8.5 – 3 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

10fps ->10fps (T180\_sav10)

T180\_sav10:

* 50 distance
* 3 coefficient
* 3-4 times? Repeat

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model Name | Learning rate | Epochs | Batch | Frames\_DIF | Neurons | Layers | Rating (/10) | Function |
| 22 | 0.0005 | 12000 | 1200 | 0 | 24 | 3 |  | Relu |
| 24 | 0.0008 | 25000 | 200 | 0 | 24 | 3 | 9 - 6 | selu |
| 25 | 0.0005 | 15000 | 1400 | 0 | 24 | 3 | 2 | linear |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

10fps ->10fps (T180\_sav10\_more)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model Name | Learning rate | Epochs | Batch | Frames\_DIF | Neurons | Layers | Rating (/10) |
| 23 | 0.0005 | 12000 | 1200 | 0 | 24 | 3 | Relu |
|  |  |  |  |  |  |  |  |

T###\_s:

* Frames range: 40
* Degree difference: 5
* Timers applies: 4

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Model Name | Learning rate | Epochs | Batch | Frames\_DIF | Neurons | Layers | Rating (/10) | Function |
| Long | 0.0012? | 29000 | 1300 | 0 | 24 | 3 | 3 | selu |
| Long2 | 0.0008? | 29000 | 1300 | 0 | 24 | 3 | 3 | Selu |
| Long3 | 0.0015 | 29000 | 1300 | 0 | 24 | 3 | 3 | Selu |