|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| learning rate | momentum = 0.99 | momentum = 0.95 | momentum = 0.90 | momentum = 0.85 |
| 1e3 | -- | -- | -- | -- |
| 3e4 | -- | tr – 0.4746, 0.8639  vl - 0.3463, 0.2527 | -- | -- |
| 1e4 | -- | tr – 0.0409, 1.0000  vl - 0.3305, 0.2967 | tr – 0.2284, 0.9808  vl - 0.8559, 0.2747 | **--** |
| 7e5 | -- | tr – 0.0961, 0.9942  vl - 1.4483, 0.2912 | tr – 0.2423, 0.9856  vl - 0.7172, 0.2912 | ---- |
| 4e5 | **--** | -- | tr – 0.3538, 0.9664  vl - 1.4803, 0.2747 | -- |