Master scikit-elm OS-ELM tuning script started.

--- Starting scikit-elm OS-ELM Tuning for MEFAR\_DOWN.csv ---

Testing with Batch Size: 5000

Neurons: 500 | Accuracy: 64.96% | Time: 0.20s

Neurons: 550 | Accuracy: 64.47% | Time: 0.23s

Neurons: 600 | Accuracy: 64.96% | Time: 0.25s

Neurons: 650 | Accuracy: 64.78% | Time: 0.34s

Neurons: 700 | Accuracy: 64.16% | Time: 0.35s

Neurons: 750 | Accuracy: 63.95% | Time: 0.39s

Neurons: 800 | Accuracy: 63.53% | Time: 0.45s

Neurons: 850 | Accuracy: 63.22% | Time: 0.48s

Neurons: 900 | Accuracy: 63.09% | Time: 0.53s

Neurons: 950 | Accuracy: 63.00% | Time: 0.57s

Neurons: 1000 | Accuracy: 63.09% | Time: 0.61s

Neurons: 1100 | Accuracy: 61.88% | Time: 0.74s

Neurons: 1200 | Accuracy: 61.93% | Time: 0.88s

Neurons: 1300 | Accuracy: 62.01% | Time: 0.97s

Neurons: 1400 | Accuracy: 62.57% | Time: 1.09s

Testing with Batch Size: 6000

Neurons: 500 | Accuracy: 67.17% | Time: 0.20s

Neurons: 550 | Accuracy: 67.21% | Time: 0.21s

Neurons: 600 | Accuracy: 67.19% | Time: 0.24s

Neurons: 650 | Accuracy: 67.68% | Time: 0.27s

Neurons: 700 | Accuracy: 67.72% | Time: 0.31s

Neurons: 750 | Accuracy: 68.17% | Time: 0.34s

Neurons: 800 | Accuracy: 68.21% | Time: 0.39s

Neurons: 850 | Accuracy: 68.59% | Time: 0.44s

Neurons: 900 | Accuracy: 68.48% | Time: 0.46s

Neurons: 950 | Accuracy: 68.34% | Time: 0.52s

Neurons: 1000 | Accuracy: 67.59% | Time: 0.57s

Neurons: 1100 | Accuracy: 67.10% | Time: 0.67s

Neurons: 1200 | Accuracy: 66.54% | Time: 0.77s

Neurons: 1300 | Accuracy: 67.46% | Time: 0.92s

Neurons: 1400 | Accuracy: 66.58% | Time: 0.99s

Testing with Batch Size: 7000

Neurons: 500 | Accuracy: 59.96% | Time: 0.19s

Neurons: 550 | Accuracy: 58.71% | Time: 0.21s

Neurons: 600 | Accuracy: 58.32% | Time: 0.24s

Neurons: 650 | Accuracy: 59.38% | Time: 0.28s

Neurons: 700 | Accuracy: 59.12% | Time: 0.31s

Neurons: 750 | Accuracy: 59.65% | Time: 0.35s

Neurons: 800 | Accuracy: 58.90% | Time: 0.37s

Neurons: 850 | Accuracy: 59.16% | Time: 0.43s

Neurons: 900 | Accuracy: 58.09% | Time: 0.48s

Neurons: 950 | Accuracy: 57.00% | Time: 0.55s

Neurons: 1000 | Accuracy: 54.86% | Time: 0.56s

Neurons: 1100 | Accuracy: 54.13% | Time: 0.69s

Neurons: 1200 | Accuracy: 54.28% | Time: 0.81s

Neurons: 1300 | Accuracy: 54.04% | Time: 0.88s

Neurons: 1400 | Accuracy: 54.37% | Time: 1.07s

Testing with Batch Size: 8000

Neurons: 500 | Accuracy: 67.95% | Time: 0.20s

Neurons: 550 | Accuracy: 68.99% | Time: 0.20s

Neurons: 600 | Accuracy: 69.31% | Time: 0.27s

Neurons: 650 | Accuracy: 69.50% | Time: 0.28s

Neurons: 700 | Accuracy: 69.91% | Time: 0.31s

Neurons: 750 | Accuracy: 69.53% | Time: 0.34s

Neurons: 800 | Accuracy: 69.77% | Time: 0.40s

Neurons: 850 | Accuracy: 69.93% | Time: 0.43s

Neurons: 900 | Accuracy: 69.80% | Time: 0.45s

Neurons: 950 | Accuracy: 69.50% | Time: 0.51s

Neurons: 1000 | Accuracy: 69.37% | Time: 0.57s

Neurons: 1100 | Accuracy: 70.49% | Time: 0.64s

Neurons: 1200 | Accuracy: 69.46% | Time: 0.75s

Neurons: 1300 | Accuracy: 69.57% | Time: 0.87s

Neurons: 1400 | Accuracy: 69.44% | Time: 0.88s

Testing with Batch Size: 9000

Neurons: 500 | Accuracy: 67.17% | Time: 0.18s

Neurons: 550 | Accuracy: 67.21% | Time: 0.20s

Neurons: 600 | Accuracy: 67.19% | Time: 0.29s

Neurons: 650 | Accuracy: 67.68% | Time: 0.27s

Neurons: 700 | Accuracy: 67.72% | Time: 0.31s

Neurons: 750 | Accuracy: 68.17% | Time: 0.33s

Neurons: 800 | Accuracy: 68.21% | Time: 0.37s

Neurons: 850 | Accuracy: 68.59% | Time: 0.40s

Neurons: 900 | Accuracy: 68.48% | Time: 0.43s

Neurons: 950 | Accuracy: 68.34% | Time: 0.49s

Neurons: 1000 | Accuracy: 67.59% | Time: 0.56s

Neurons: 1100 | Accuracy: 67.10% | Time: 0.62s

Neurons: 1200 | Accuracy: 66.54% | Time: 0.72s

Neurons: 1300 | Accuracy: 67.46% | Time: 0.89s

Neurons: 1400 | Accuracy: 66.58% | Time: 0.97s

Testing with Batch Size: 10000

Neurons: 500 | Accuracy: 64.96% | Time: 0.22s

Neurons: 550 | Accuracy: 64.47% | Time: 0.24s

Neurons: 600 | Accuracy: 64.96% | Time: 0.28s

Neurons: 650 | Accuracy: 64.78% | Time: 0.30s

Neurons: 700 | Accuracy: 64.16% | Time: 0.34s

Neurons: 750 | Accuracy: 63.95% | Time: 0.37s

Neurons: 800 | Accuracy: 63.53% | Time: 0.40s

Neurons: 850 | Accuracy: 63.22% | Time: 0.45s

Neurons: 900 | Accuracy: 63.09% | Time: 0.48s

Neurons: 950 | Accuracy: 63.00% | Time: 0.54s

Neurons: 1000 | Accuracy: 63.09% | Time: 0.57s

Neurons: 1100 | Accuracy: 61.88% | Time: 0.68s

Neurons: 1200 | Accuracy: 61.93% | Time: 0.79s

Neurons: 1300 | Accuracy: 62.01% | Time: 0.91s

Neurons: 1400 | Accuracy: 62.57% | Time: 0.96s

--- Finished scikit-elm OS-ELM Tuning for MEFAR\_DOWN.csv ---

--- Starting scikit-elm OS-ELM Tuning for MEFAR\_MID.csv ---

Testing with Batch Size: 5000

Neurons: 500 | Accuracy: 67.33% | Time: 6.43s

Neurons: 550 | Accuracy: 67.32% | Time: 7.64s

Neurons: 600 | Accuracy: 67.73% | Time: 8.86s

Neurons: 650 | Accuracy: 68.16% | Time: 10.30s

Neurons: 700 | Accuracy: 68.00% | Time: 11.52s

Neurons: 750 | Accuracy: 67.96% | Time: 13.04s

Neurons: 800 | Accuracy: 68.12% | Time: 13.62s

Neurons: 850 | Accuracy: 68.43% | Time: 15.09s

Neurons: 900 | Accuracy: 68.34% | Time: 16.95s

Neurons: 950 | Accuracy: 68.08% | Time: 18.77s

Neurons: 1000 | Accuracy: 68.02% | Time: 25.55s

Neurons: 1100 | Accuracy: 68.09% | Time: 30.80s

Neurons: 1200 | Accuracy: 67.88% | Time: 32.69s

Neurons: 1300 | Accuracy: 67.70% | Time: 34.86s

Neurons: 1400 | Accuracy: 67.83% | Time: 39.77s

Testing with Batch Size: 6000

Neurons: 500 | Accuracy: 56.46% | Time: 6.33s

Neurons: 550 | Accuracy: 55.32% | Time: 7.00s

Neurons: 600 | Accuracy: 53.78% | Time: 7.94s

Neurons: 650 | Accuracy: 53.84% | Time: 8.98s

Neurons: 700 | Accuracy: 55.04% | Time: 10.24s

Neurons: 750 | Accuracy: 55.47% | Time: 11.60s

Neurons: 800 | Accuracy: 56.06% | Time: 12.86s

Neurons: 850 | Accuracy: 56.19% | Time: 14.42s

Neurons: 900 | Accuracy: 56.75% | Time: 15.72s

Neurons: 950 | Accuracy: 56.88% | Time: 17.45s

Neurons: 1000 | Accuracy: 57.17% | Time: 18.71s

Neurons: 1100 | Accuracy: 57.25% | Time: 21.79s

Neurons: 1200 | Accuracy: 57.56% | Time: 25.66s

Neurons: 1300 | Accuracy: 57.36% | Time: 29.43s

Neurons: 1400 | Accuracy: 57.32% | Time: 33.64s

Testing with Batch Size: 7000

Neurons: 500 | Accuracy: 67.33% | Time: 5.85s

Neurons: 550 | Accuracy: 67.32% | Time: 6.71s

Neurons: 600 | Accuracy: 67.73% | Time: 7.62s

Neurons: 650 | Accuracy: 68.16% | Time: 8.68s

Neurons: 700 | Accuracy: 68.00% | Time: 9.89s

Neurons: 750 | Accuracy: 67.96% | Time: 11.08s

Neurons: 800 | Accuracy: 68.12% | Time: 12.34s

Neurons: 850 | Accuracy: 68.43% | Time: 13.51s

Neurons: 900 | Accuracy: 68.34% | Time: 14.81s

Neurons: 950 | Accuracy: 68.08% | Time: 16.19s

Neurons: 1000 | Accuracy: 68.02% | Time: 17.58s

Neurons: 1100 | Accuracy: 68.09% | Time: 21.21s

Neurons: 1200 | Accuracy: 67.88% | Time: 25.39s

Neurons: 1300 | Accuracy: 67.70% | Time: 30.65s

Neurons: 1400 | Accuracy: 67.83% | Time: 35.51s

Testing with Batch Size: 8000

Neurons: 500 | Accuracy: 66.71% | Time: 6.08s

Neurons: 550 | Accuracy: 66.77% | Time: 7.03s

Neurons: 600 | Accuracy: 67.25% | Time: 8.11s

Neurons: 650 | Accuracy: 67.29% | Time: 8.77s

Neurons: 700 | Accuracy: 67.32% | Time: 9.96s

Neurons: 750 | Accuracy: 67.09% | Time: 11.47s

Neurons: 800 | Accuracy: 67.17% | Time: 12.35s

Neurons: 850 | Accuracy: 67.05% | Time: 14.39s

Neurons: 900 | Accuracy: 66.92% | Time: 15.52s

Neurons: 950 | Accuracy: 66.37% | Time: 15.70s

Neurons: 1000 | Accuracy: 66.49% | Time: 17.20s

Neurons: 1100 | Accuracy: 66.27% | Time: 19.89s

Neurons: 1200 | Accuracy: 66.63% | Time: 22.52s

Neurons: 1300 | Accuracy: 66.69% | Time: 26.32s

Neurons: 1400 | Accuracy: 66.73% | Time: 30.12s

Testing with Batch Size: 9000

Neurons: 500 | Accuracy: 56.46% | Time: 5.58s

Neurons: 550 | Accuracy: 55.32% | Time: 6.48s

Neurons: 600 | Accuracy: 53.78% | Time: 7.36s

Neurons: 650 | Accuracy: 53.84% | Time: 8.31s

Neurons: 700 | Accuracy: 55.04% | Time: 9.39s

Neurons: 750 | Accuracy: 55.47% | Time: 10.57s

Neurons: 800 | Accuracy: 56.06% | Time: 11.56s

Neurons: 850 | Accuracy: 56.19% | Time: 12.61s

Neurons: 900 | Accuracy: 56.75% | Time: 14.77s

Neurons: 950 | Accuracy: 56.88% | Time: 16.15s

Neurons: 1000 | Accuracy: 57.17% | Time: 17.41s

Neurons: 1100 | Accuracy: 57.25% | Time: 20.69s

Neurons: 1200 | Accuracy: 57.56% | Time: 24.20s

Neurons: 1300 | Accuracy: 57.36% | Time: 28.20s

Neurons: 1400 | Accuracy: 57.32% | Time: 32.49s

Testing with Batch Size: 10000

Neurons: 500 | Accuracy: 69.12% | Time: 7.99s

Neurons: 550 | Accuracy: 69.63% | Time: 8.65s

Neurons: 600 | Accuracy: 70.36% | Time: 9.58s

Neurons: 650 | Accuracy: 71.08% | Time: 10.75s

Neurons: 700 | Accuracy: 71.34% | Time: 11.72s

Neurons: 750 | Accuracy: 71.38% | Time: 12.93s

Neurons: 800 | Accuracy: 71.54% | Time: 14.12s

Neurons: 850 | Accuracy: 71.76% | Time: 15.12s

Neurons: 900 | Accuracy: 71.97% | Time: 16.24s

Neurons: 950 | Accuracy: 72.09% | Time: 18.19s

Neurons: 1000 | Accuracy: 72.09% | Time: 19.62s

Neurons: 1100 | Accuracy: 72.11% | Time: 22.63s

Neurons: 1200 | Accuracy: 72.14% | Time: 26.43s

Neurons: 1300 | Accuracy: 72.11% | Time: 30.04s

Neurons: 1400 | Accuracy: 72.20% | Time: 33.50s

--- Finished scikit-elm OS-ELM Tuning for MEFAR\_MID.csv ---

--- Starting scikit-elm OS-ELM Tuning for MEFAR\_UP.csv ---

Testing with Batch Size: 5000

Neurons: 500 | Accuracy: 65.54% | Time: 13.93s

Neurons: 550 | Accuracy: 65.60% | Time: 16.43s

Neurons: 600 | Accuracy: 65.58% | Time: 18.43s

Neurons: 650 | Accuracy: 65.82% | Time: 20.42s

Neurons: 700 | Accuracy: 66.12% | Time: 23.17s

Neurons: 750 | Accuracy: 66.01% | Time: 25.55s

Neurons: 800 | Accuracy: 66.17% | Time: 28.31s

Neurons: 850 | Accuracy: 66.21% | Time: 32.19s

Neurons: 900 | Accuracy: 65.90% | Time: 35.58s

Neurons: 950 | Accuracy: 65.43% | Time: 39.93s

Neurons: 1000 | Accuracy: 65.12% | Time: 43.27s

Neurons: 1100 | Accuracy: 65.13% | Time: 50.96s

Neurons: 1200 | Accuracy: 64.93% | Time: 59.77s

Neurons: 1300 | Accuracy: 65.08% | Time: 70.28s

Neurons: 1400 | Accuracy: 64.93% | Time: 81.81s

Testing with Batch Size: 6000

Neurons: 500 | Accuracy: 63.88% | Time: 13.27s

Neurons: 550 | Accuracy: 63.43% | Time: 15.48s

Neurons: 600 | Accuracy: 63.20% | Time: 17.91s

Neurons: 650 | Accuracy: 61.97% | Time: 19.63s

Neurons: 700 | Accuracy: 61.35% | Time: 22.08s

Neurons: 750 | Accuracy: 60.88% | Time: 25.20s

Neurons: 800 | Accuracy: 60.69% | Time: 27.72s

Neurons: 850 | Accuracy: 60.86% | Time: 30.42s

Neurons: 900 | Accuracy: 60.51% | Time: 33.32s

Neurons: 950 | Accuracy: 60.45% | Time: 36.79s

Neurons: 1000 | Accuracy: 60.31% | Time: 40.45s

Neurons: 1100 | Accuracy: 60.06% | Time: 47.35s

Neurons: 1200 | Accuracy: 59.93% | Time: 56.44s

Neurons: 1300 | Accuracy: 59.94% | Time: 65.11s

Neurons: 1400 | Accuracy: 59.81% | Time: 75.71s

Testing with Batch Size: 7000

Neurons: 500 | Accuracy: 56.75% | Time: 12.90s

Neurons: 550 | Accuracy: 56.94% | Time: 14.28s

Neurons: 600 | Accuracy: 57.34% | Time: 16.58s

Neurons: 650 | Accuracy: 56.98% | Time: 18.66s

Neurons: 700 | Accuracy: 57.21% | Time: 20.87s

Neurons: 750 | Accuracy: 57.45% | Time: 23.92s

Neurons: 800 | Accuracy: 57.48% | Time: 26.98s

Neurons: 850 | Accuracy: 58.22% | Time: 28.70s

Neurons: 900 | Accuracy: 58.70% | Time: 30.19s

Neurons: 950 | Accuracy: 59.08% | Time: 33.06s

Neurons: 1000 | Accuracy: 59.77% | Time: 36.13s

Neurons: 1100 | Accuracy: 59.10% | Time: 42.55s

Neurons: 1200 | Accuracy: 59.43% | Time: 50.26s

Neurons: 1300 | Accuracy: 59.54% | Time: 62.60s

Neurons: 1400 | Accuracy: 59.53% | Time: 69.61s

Testing with Batch Size: 8000

Neurons: 500 | Accuracy: 67.92% | Time: 12.14s

Neurons: 550 | Accuracy: 68.50% | Time: 13.70s

Neurons: 600 | Accuracy: 69.21% | Time: 15.66s

Neurons: 650 | Accuracy: 69.42% | Time: 17.66s

Neurons: 700 | Accuracy: 69.72% | Time: 19.64s

Neurons: 750 | Accuracy: 69.83% | Time: 22.11s

Neurons: 800 | Accuracy: 70.15% | Time: 24.37s

Neurons: 850 | Accuracy: 70.34% | Time: 26.92s

Neurons: 900 | Accuracy: 70.33% | Time: 29.39s

Neurons: 950 | Accuracy: 70.32% | Time: 32.16s

Neurons: 1000 | Accuracy: 70.35% | Time: 35.22s

Neurons: 1100 | Accuracy: 70.48% | Time: 41.27s

Neurons: 1200 | Accuracy: 70.48% | Time: 47.87s

Neurons: 1300 | Accuracy: 70.10% | Time: 57.20s

Neurons: 1400 | Accuracy: 70.32% | Time: 65.81s

Testing with Batch Size: 9000

Neurons: 500 | Accuracy: 63.88% | Time: 11.66s

Neurons: 550 | Accuracy: 63.43% | Time: 13.45s

Neurons: 600 | Accuracy: 63.20% | Time: 15.32s

Neurons: 650 | Accuracy: 61.97% | Time: 17.41s

Neurons: 700 | Accuracy: 61.35% | Time: 19.31s

Neurons: 750 | Accuracy: 60.88% | Time: 21.78s

Neurons: 800 | Accuracy: 60.69% | Time: 24.30s

Neurons: 850 | Accuracy: 60.86% | Time: 26.61s

Neurons: 900 | Accuracy: 60.51% | Time: 28.99s

Neurons: 950 | Accuracy: 60.45% | Time: 31.93s

Neurons: 1000 | Accuracy: 60.31% | Time: 34.78s

Neurons: 1100 | Accuracy: 60.06% | Time: 39.65s

Neurons: 1200 | Accuracy: 59.93% | Time: 47.32s

Neurons: 1300 | Accuracy: 59.94% | Time: 55.48s

Neurons: 1400 | Accuracy: 59.81% | Time: 63.29s

Testing with Batch Size: 10000

Neurons: 500 | Accuracy: 68.69% | Time: 16.02s

Neurons: 550 | Accuracy: 69.23% | Time: 17.61s

Neurons: 600 | Accuracy: 69.88% | Time: 19.15s

Neurons: 650 | Accuracy: 70.33% | Time: 21.42s

Neurons: 700 | Accuracy: 70.62% | Time: 23.14s

Neurons: 750 | Accuracy: 70.87% | Time: 25.58s

Neurons: 800 | Accuracy: 71.09% | Time: 28.28s

Neurons: 850 | Accuracy: 71.23% | Time: 30.25s

Neurons: 900 | Accuracy: 71.27% | Time: 32.74s

Neurons: 950 | Accuracy: 71.48% | Time: 35.33s

Neurons: 1000 | Accuracy: 71.56% | Time: 38.38s

Neurons: 1100 | Accuracy: 71.60% | Time: 43.44s

Neurons: 1200 | Accuracy: 71.53% | Time: 51.64s

Neurons: 1300 | Accuracy: 71.23% | Time: 58.26s

Neurons: 1400 | Accuracy: 71.25% | Time: 65.38s

--- Finished scikit-elm OS-ELM Tuning for MEFAR\_MID.csv ---

--- Starting scikit-elm OS-ELM Tuning for MEFAR\_UP.csv ---

Testing with Batch Size: 5000

Neurons: 500 | Accuracy: 65.54% | Time: 13.93s

Neurons: 550 | Accuracy: 65.60% | Time: 16.43s

Neurons: 600 | Accuracy: 65.58% | Time: 18.43s

Neurons: 650 | Accuracy: 65.82% | Time: 20.42s

Neurons: 700 | Accuracy: 66.12% | Time: 23.17s

Neurons: 750 | Accuracy: 66.01% | Time: 25.55s

Neurons: 800 | Accuracy: 66.17% | Time: 28.31s

Neurons: 850 | Accuracy: 66.21% | Time: 32.19s

Neurons: 900 | Accuracy: 65.90% | Time: 35.58s

Neurons: 950 | Accuracy: 65.43% | Time: 39.93s

Neurons: 1000 | Accuracy: 65.12% | Time: 43.27s

Neurons: 1100 | Accuracy: 65.13% | Time: 50.96s

Neurons: 1200 | Accuracy: 64.93% | Time: 59.77s

Neurons: 1300 | Accuracy: 65.08% | Time: 70.28s

Neurons: 1400 | Accuracy: 64.93% | Time: 81.81s

Testing with Batch Size: 6000

Neurons: 500 | Accuracy: 63.88% | Time: 13.27s

Neurons: 550 | Accuracy: 63.43% | Time: 15.48s

Neurons: 600 | Accuracy: 63.20% | Time: 17.91s

Neurons: 650 | Accuracy: 61.97% | Time: 19.63s

Neurons: 700 | Accuracy: 61.35% | Time: 22.08s

Neurons: 750 | Accuracy: 60.88% | Time: 25.20s

Neurons: 800 | Accuracy: 60.69% | Time: 27.72s

Neurons: 850 | Accuracy: 60.86% | Time: 30.42s

Neurons: 900 | Accuracy: 60.51% | Time: 33.32s

Neurons: 950 | Accuracy: 60.45% | Time: 36.79s

Neurons: 1000 | Accuracy: 60.31% | Time: 40.45s

Neurons: 1100 | Accuracy: 60.06% | Time: 47.35s

Neurons: 1200 | Accuracy: 59.93% | Time: 56.44s

Neurons: 1300 | Accuracy: 59.94% | Time: 65.11s

Neurons: 1400 | Accuracy: 59.81% | Time: 75.71s

Testing with Batch Size: 7000

Neurons: 500 | Accuracy: 56.75% | Time: 12.90s

Neurons: 550 | Accuracy: 56.94% | Time: 14.28s

Neurons: 600 | Accuracy: 57.34% | Time: 16.58s

Neurons: 650 | Accuracy: 56.98% | Time: 18.66s

Neurons: 700 | Accuracy: 57.21% | Time: 20.87s

Neurons: 750 | Accuracy: 57.45% | Time: 23.92s

Neurons: 800 | Accuracy: 57.48% | Time: 26.98s

Neurons: 850 | Accuracy: 58.22% | Time: 28.70s

Neurons: 900 | Accuracy: 58.70% | Time: 30.19s

Neurons: 950 | Accuracy: 59.08% | Time: 33.06s

Neurons: 1000 | Accuracy: 59.77% | Time: 36.13s

Neurons: 1100 | Accuracy: 59.10% | Time: 42.55s

Neurons: 1200 | Accuracy: 59.43% | Time: 50.26s

Neurons: 1300 | Accuracy: 59.54% | Time: 62.60s

Neurons: 1400 | Accuracy: 59.53% | Time: 69.61s

Testing with Batch Size: 8000

Neurons: 500 | Accuracy: 67.92% | Time: 12.14s

Neurons: 550 | Accuracy: 68.50% | Time: 13.70s

Neurons: 600 | Accuracy: 69.21% | Time: 15.66s

Neurons: 650 | Accuracy: 69.42% | Time: 17.66s

Neurons: 700 | Accuracy: 69.72% | Time: 19.64s

Neurons: 750 | Accuracy: 69.83% | Time: 22.11s

Neurons: 800 | Accuracy: 70.15% | Time: 24.37s

Neurons: 850 | Accuracy: 70.34% | Time: 26.92s

Neurons: 900 | Accuracy: 70.33% | Time: 29.39s

Neurons: 950 | Accuracy: 70.32% | Time: 32.16s

Neurons: 1000 | Accuracy: 70.35% | Time: 35.22s

Neurons: 1100 | Accuracy: 70.48% | Time: 41.27s

Neurons: 1200 | Accuracy: 70.48% | Time: 47.87s

Neurons: 1300 | Accuracy: 70.10% | Time: 57.20s

Neurons: 1400 | Accuracy: 70.32% | Time: 65.81s

Testing with Batch Size: 9000

Neurons: 500 | Accuracy: 63.88% | Time: 11.66s

Neurons: 550 | Accuracy: 63.43% | Time: 13.45s

Neurons: 600 | Accuracy: 63.20% | Time: 15.32s

Neurons: 650 | Accuracy: 61.97% | Time: 17.41s

Neurons: 700 | Accuracy: 61.35% | Time: 19.31s

Neurons: 750 | Accuracy: 60.88% | Time: 21.78s

Neurons: 800 | Accuracy: 60.69% | Time: 24.30s

Neurons: 850 | Accuracy: 60.86% | Time: 26.61s

Neurons: 900 | Accuracy: 60.51% | Time: 28.99s

Neurons: 950 | Accuracy: 60.45% | Time: 31.93s

Neurons: 1000 | Accuracy: 60.31% | Time: 34.78s

Neurons: 1100 | Accuracy: 60.06% | Time: 39.65s

Neurons: 1200 | Accuracy: 59.93% | Time: 47.32s

Neurons: 1300 | Accuracy: 59.94% | Time: 55.48s

Neurons: 1400 | Accuracy: 59.81% | Time: 63.29s

Testing with Batch Size: 10000

Neurons: 500 | Accuracy: 68.69% | Time: 16.02s

Neurons: 550 | Accuracy: 69.23% | Time: 17.61s

Neurons: 600 | Accuracy: 69.88% | Time: 19.15s

Neurons: 650 | Accuracy: 70.33% | Time: 21.42s

Neurons: 700 | Accuracy: 70.62% | Time: 23.14s

Neurons: 750 | Accuracy: 70.87% | Time: 25.58s

Neurons: 800 | Accuracy: 71.09% | Time: 28.28s

Neurons: 850 | Accuracy: 71.23% | Time: 30.25s

Neurons: 900 | Accuracy: 71.27% | Time: 32.74s

Neurons: 950 | Accuracy: 71.48% | Time: 35.33s

Neurons: 1000 | Accuracy: 71.56% | Time: 38.38s

Neurons: 1100 | Accuracy: 71.60% | Time: 43.44s

Neurons: 1200 | Accuracy: 71.53% | Time: 51.64s

Neurons: 1300 | Accuracy: 71.23% | Time: 58.26s

Neurons: 1400 | Accuracy: 71.25% | Time: 65.38s