| Dataset size | Number of neurons per hidden layer | | | | |
|---|---|---|---|---|---|
| | 10 | 15 | 20 | 25 | 30 |
| *Relative L2 Error (%)* | | | | | |
| 400 | 3.12 | 3.30 | 2.83 | 1.84 | 6.36 |
| 800 | 1.79 | 0.83 | 0.59 | 0.52 | 0.34 |
| 1200 | 0.41 | 0.50 | 0.46 | 0.35 | 0.61 |
| 1600 | 0.90 | 0.51 | 0.19 | 0.46 | 0.13 |
| 2000 | 0.26 | 0.13 | 0.19 | 0.16 | 0.23 |
| *Training - processing time (seconds)* | | | | | |
| 400 | 57.9 | 82.3 | 83.3 | 59.8 | 58.6 |
| 800 | 79.7 | 53.5 | 63.2 | 45.0 | 63.0 |
| 1200 | 63.7 | 52.2 | 43.8 | 42.1 | 56.8 |
| 1600 | 59.9 | 27.5 | 45.3 | 46.5 | 56.4 |
| 2000 | 58.7 | 60.0 | 58.6 | 54.4 | 84.5 |