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| --- | --- | --- | --- | --- | --- | --- |
| Model | parameter | VALUES | MSE | MAE | R^2 | RMSE |
| PINN | CL | 0.6690 | 0.0117 | 0.0814 | 98.72 | 0.1083 |
|  | CD | 0.2599 | 0.0154 | 0.0834 | 98.34 | 0.1239 |
|  | CM | -0.1208 | 0.1766 | 0.1737 | 83.84 | 0.4203 |
| ANN | CL | -1.2060 | 0.0114 | 0.0753 | 98.75 | 0.1068 |
|  | CD | -1.2219 | 0.0116 | 0.697 | 98.75 | 0.1077 |
|  | CM | -1.1378 | 0.1575 | 0.1271 | 85.44 | 0.3968 |
| MLP | CL | 0.9196 | 0.0015 | 0.0247 | 98.82 | 0.0393 |
|  | CD | 0.0731 | 0.0000 | 0.0021 | 98.64 | 0.0030 |
|  | CM | -0.6071 | 0.0146 | 0.0314 | 84.82 | 0.1208 |
| DNN | CL | 0.1263 | 0.1226 | 0.2824 | 86.58 | 0.3502 |
|  | CD | -0.1308 | 0.1438 | 0.2551 | 84.47 | 0.3792 |
|  | CM | -0.2345 | 0.2195 | 0.2215 | 79.71 | 0.4685 |
| CNN | CL | 0.9472 | 0.0018 | 0.0300 | 98.60 | 0.0429 |
|  | CD | 0.0729 | 0.0000 | 0.0020 | 99.03 | 0.0026 |
|  | CM | -0.5886 | 0.0149 | 0.0444 | 84.44 | 0.1223 |
|  |  |  |  |  |  |  |
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