|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test data volume** | **Unconstrained NN** | **NN with smoothness** | **SINDy** | **Monotonic Network** | **Monotonic Network + smoothness** |
| **32** | 0.934097588062286 | 0.935833454132080 | 0.950776469866351 | 0.967545986175537 | 0.968133151531219 |
| **64** | 0.955168604850769 | 0.954992413520813 | 0.988342030541747 | 0.983738899230957 | 0.983761847019195 |
| **128** | 0.975953876972198 | 0.978569388389587 | 0.986883319828281 | 0.983038187026977 | 0.983051896095275 |
| **256** | 0.989971339702606 | 0.989873945713043 | 0.986623394304629 | 0.986969590187072 | 0.986995697021484 |