|  |  |
| --- | --- |
| Input | Accuracies |
| 1.0 | 1.0, 0.9716494845360824 |
| 10 | 1.0, 0.9716494845360824 |
| 100 | 0.9526017516743946, 0.7998123182659265 |
| 500 | 0.6795466254507986, 0.5166613798572561 |
| 0100 | 0.6532715095311695, 0.6532725350251124 |

A dataset of steel plates' faults, classified into 7 different types. The goal was to train machine learning for automatic pattern recognition.

The dataset consists of 27 features describing each fault (location, size, ...) and 7 binary features indicating the type of fault (on of 7: Pastry, Z\_Scratch, K\_Scatch, Stains, Dirtiness, Bumps, Other Faults). The latter is commonly used as a binary classification target ('common' or 'other' fault.)