# satellite - Model Evaluation Summary

This table summarizes the performance of the top symbolic models.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Symbolic Rank** | **Symbolic Score** | **ROC AUC** | **Average Precision** | **Accuracy** | **F1 (Minority)** | **Precision (Minority)** | **Recall (Minority)** | **F1 Rank** | **ROC AUC Rank** | **AP Rank** | **Accuracy Rank** |
| VAE | 1 | 4.6 | 0.7427 | 0.6999 | 0.7837 | 0.4806 | 1.0 | 0.3163 | 1 | 1 | 1 | 1 |
| AutoEncoder | 1 | 4.6 | 0.6615 | 0.5465 | 0.7259 | 0.3418 | 0.7112 | 0.225 | 2 | 2 | 2 | 2 |
| LOF | 1 | 4.6 | 0.5417 | 0.3724 | 0.6813 | 0.206 | 0.4863 | 0.1306 | 3 | 3 | 3 | 3 |
| DeepSVDD | 2 | 3.8 | 0.4765 | 0.3089 | 0.6491 | 0.1575 | 0.3276 | 0.1036 | 5 | 5 | 5 | 5 |
| DevNet | 3 | 3.7 | 0.5337 | 0.3478 | 0.66 | 0.1836 | 0.382 | 0.1208 | 4 | 4 | 4 | 4 |