All parameters not mentioned use default values.

**XGBoost**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| max\_depth | learning\_rate | n\_estimators | objective | booster | n\_jobs | reg\_alpha | reg\_lambda |
| 3 | 0.1 | 100 | logistic | gbtree | 1 | 0 | 1 |

**LightGBM**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| max\_depth | learning\_rate | num\_leaves | max\_bin | min\_data\_in\_leaf | feature\_fraction | bagging\_fraction |
| 5 | 0.1 | 31 | 255 | 20 | 0.8 | 1 |

**SVM**

|  |  |  |
| --- | --- | --- |
| C | gamma | kernel |
| 1000 | 0.001 | Linear |

**Logistic Regression**

|  |  |  |  |
| --- | --- | --- | --- |
| C | solver | max\_iter | penalty |
| 1000 | liblinear | 10000 | l2 |

**Random Forest**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| n\_estimators | max\_depth | min\_samples\_leaf | min\_samples\_split | max\_features |
| 100 | 80 | 1 | 2 | None |