# Statistics for 150 features

# LogisticRegressionCV

|  |  |  |
| --- | --- | --- |
| Actual | Predicted down | Predicted up |
| down | 0.2 | 0.222 |
| up | 0.229 | 0.349 |

Accuracy of LogisticRegressionCV is 0.548

# DecisionTreeClassifier

|  |  |  |
| --- | --- | --- |
| Actual | Predicted down | Predicted up |
| down | 0.172 | 0.249 |
| up | 0.214 | 0.365 |

Accuracy of DecisionTreeClassifier is 0.535

# RandomForestClassifier

|  |  |  |
| --- | --- | --- |
| Actual | Predicted down | Predicted up |
| down | 0.175 | 0.246 |
| up | 0.214 | 0.365 |

Accuracy of RandomForestClassifier is 0.538

# AdaBoostClassifier

|  |  |  |
| --- | --- | --- |
| Actual | Predicted down | Predicted up |
| down | 0.143 | 0.278 |
| up | 0.206 | 0.372 |

Accuracy of AdaBoostClassifier is 0.513

# GaussianNB

|  |  |  |
| --- | --- | --- |
| Actual | Predicted down | Predicted up |
| down | 0.069 | 0.352 |
| up | 0.102 | 0.477 |

Accuracy of GaussianNB is 0.54