

Our evolutionary-algorithm-trained K-Nearest-Neighbor algorithm predicts 45,103 projects to be funded. In the test set this algorithm predicts 79.5% of true positive correct, giving us an expectation of  $45,103 * 79.5\% = 35,848$  correct true positives. Furthermore, the algorithm predicts 32,962 correct negatives, with an accuracy of 69.8%, giving 23,007 correct negatives. In total we expect the algorithm to predict  $35,848 + 23,007 = 58,855$  projects correctly, equal to 75.4%.

Our Logistic Regression algorithm predicts 43,994 projects to be funded. In the test set this algorithm predicts 81.6% of true positive correct, giving us an expectation of  $43,994 * 81.6\% = 35,900$  correct true positives.

Furthermore, the algorithm predicts 34,071 correct negatives, with an accuracy of 70.53%, giving 24,031 correct negatives. In total we expect the algorithm to predict  $35,900 + 24,031 = 59,932$  projects correctly, equal to 76.8%.