Microchip with two different test results. The third digit tells whether the microchip has passed the quality assurance test(I means pass, 0 means fail).Data set to be used for regularized logistic regression

0.051267,0.69956,1

-0.092742,0.68494,1

-0.21371,0.69225,1

-0.375,0.50219,1

-0.51325,0.46564,1

-0.52477,0.2098,1

-0.39804,0.034357,1

-0.30588,-0.19225,1

0.016705,-0.40424,1

0.13191,-0.51389,1

0.38537,-0.56506,1

0.52938,-0.5212,1

0.63882,-0.24342,1

0.73675,-0.18494,1

0.54666,0.48757,1

0.322,0.5826,1

0.16647,0.53874,1

-0.046659,0.81652,1

-0.17339,0.69956,1

-0.47869,0.63377,1

-0.60541,0.59722,1

-0.62846,0.33406,1

-0.59389,0.005117,1

-0.42108,-0.27266,1

-0.11578,-0.39693,1

0.20104,-0.60161,1

0.46601,-0.53582,1

0.67339,-0.53582,1

-0.13882,0.54605,1

-0.29435,0.77997,1

-0.26555,0.96272,1

-0.16187,0.8019,1

-0.17339,0.64839,1

-0.28283,0.47295,1

-0.36348,0.31213,1

-0.30012,0.027047,1

-0.23675,-0.21418,1

-0.06394,-0.18494,1

0.062788,-0.16301,1

0.22984,-0.41155,1

0.2932,-0.2288,1

0.48329,-0.18494,1

0.64459,-0.14108,1

0.46025,0.012427,1

0.6273,0.15863,1

0.57546,0.26827,1

0.72523,0.44371,1

0.22408,0.52412,1

0.44297,0.67032,1

0.322,0.69225,1

0.13767,0.57529,1

-0.0063364,0.39985,1

-0.092742,0.55336,1

-0.20795,0.35599,1

-0.20795,0.17325,1

-0.43836,0.21711,1

-0.21947,-0.016813,1

-0.13882,-0.27266,1

0.18376,0.93348,0

0.22408,0.77997,0

0.29896,0.61915,0

0.50634,0.75804,0

0.61578,0.7288,0

0.60426,0.59722,0

0.76555,0.50219,0

0.92684,0.3633,0

0.82316,0.27558,0

0.96141,0.085526,0

0.93836,0.012427,0

0.86348,-0.082602,0

0.89804,-0.20687,0

0.85196,-0.36769,0

0.82892,-0.5212,0

0.79435,-0.55775,0

0.59274,-0.7405,0

0.51786,-0.5943,0

0.46601,-0.41886,0

0.35081,-0.57968,0

0.28744,-0.76974,0

0.085829,-0.75512,0

0.14919,-0.57968,0

-0.13306,-0.4481,0

-0.40956,-0.41155,0

-0.39228,-0.25804,0

-0.74366,-0.25804,0

-0.69758,0.041667,0

-0.75518,0.2902,0

-0.69758,0.68494,0

-0.4038,0.70687,0

-0.38076,0.91886,0

-0.50749,0.90424,0

-0.54781,0.70687,0

0.10311,0.77997,0

0.057028,0.91886,0

-0.10426,0.99196,0

-0.081221,1.1089,0

0.28744,1.087,0

0.39689,0.82383,0

0.63882,0.88962,0

0.82316,0.66301,0

0.67339,0.64108,0

1.0709,0.10015,0

-0.046659,-0.57968,0

-0.23675,-0.63816,0

-0.15035,-0.36769,0

-0.49021,-0.3019,0

-0.46717,-0.13377,0

-0.28859,-0.060673,0

-0.61118,-0.067982,0

-0.66302,-0.21418,0

-0.59965,-0.41886,0

-0.72638,-0.082602,0

-0.83007,0.31213,0

-0.72062,0.53874,0

-0.59389,0.49488,0

-0.48445,0.99927,0

-0.0063364,0.99927,0

0.63265,-0.030612,0