X = [1 1051.8 1503.6 3.6 508 5.9 5873;

1 1078.8 1486.7 3.5 6.7 4.5 7852;

1 1075.3 1434.8 5.0 8.4 4.2 8189;

1 1107.5 2035.6 6.0 6.2 4.2 7497;

1 1171.1 2360.8 5.6 5.4 4.9 8534;

1 1235.0 2043.9 4.9 5.9 5.0 8688;

1 1217.8 1331.9 5.6 9.4 4.1 7270;

1 1202.3 1160.0 8.5 9.4 3.4 5020;

1 1271.0 1535.0 7.7 7.2 4.2 6035;

1 1332.7 1961.8 7.0 6.6 4.5 7425;

1 1399.2 2009.3 6.0 7.6 3.9 9400;

1 1431.6 1721.9 6.0 10.6 4.4 9350;

1 1480.7 1298.0 7.2 14.9 3.9 6540;

1 1510.3 1100.0 7.6 16.6 3.1 7675;

1 1492.2 1039.0 9.2 17.5 0.6 7419;

1 1535.4 1200.0 8.8 16.0 1.5 7923]