## Math 6020-1, Spring 2014; Assignment #7

Due: Wednesday April 30, 2014

This is a short assignment; please make sure it gets turned in on time so that everyone's grades can be assigned on time.

1. Download the data http://www.math.utah.edu/~davar/math6020/2014/ Homework/art.txt. You should see 100 two-dimensional data points (X, Y). Compute the regressogram of Y on X. Estimate R(h) using the formula in the lecture for several choices of h; find a minimizing bandwidth h. [h = 1/m in the regressogram]