Testing Powers of All Local Tests of mcorr for Dimension 1 1.Linear 2.Cubic 3.Step Function 4.Exponential **5.Joint Normal** 0.5 0.5 0.5 0.5 0.5 0 -0.5 -0.5 -0.5 -0.5 -0.5 7.W Shape 9.Fourth Root 10.Logarithmic 6.Quadratic 8.Two Parabolas 0.5 0.5 0.5 0.5 0 Neighberthood (-0.5 -0.5 -0.5 -0.5 11.Circle 13.Spiral 14.Square 15.Diamond 0.5 0.5 0.5 0.5 0 0 -0.5 -0.5 -0.5 -0.5 -0.5 17.Sine Period 1/8 16.Sine Period 1/2 **18.Multiplicative Noise** 19.Uncorrelated Binomial 20.Independent Clouds 0.5 0.5 0.5 0.5 0.5 0 0 0 -0.5 -0.5 -0.5 -0.5 -0.5

Neighborhood Choice of X