## Testing Powers of All Local Tests of mcorr for Dimension 1 1.Linear 2.Cubic 3.Step Function 4.Exponential **5.Joint Normal** 8.0 0.8 0.8 0.8 0.8 0.6 0.6 0.6 0.6 0.6 0.4 0.4 0.4 0.4 0.4 0.2 0.2 0.2 0.2 0.2 Neighbod Choice 9.Fourth Root 10.Logarithmic 6.Quadratic 8.Two Parabolas 0.8 0.8 0.8 0.8 0.6 0.6 0.6 0.6 0.4 0.4 0.4 0.4 0.4 0.2 0.2 0.2 0.2 0.2 11.Circle 13.Spiral 14.Square 15.Diamond 0.6 0.8 0.6 0.4 0.4 0.4 0.4 0.4 0.2 0.2 0.2 0.2 0.2 17.Sine Period 1/8 16.Sine Period 1/2 **18.Multiplicative Noise** 19.Uncorrelated Binomial **20.Independent Clouds** 0.8 8.0 0.8 8.0 0.15 0.6 0.6 0.6 0.6 0.1 0.4 0.4 0.4 0.4 0.05 0.2 0.2 0.2 0.2

Neighborhood Choice of X