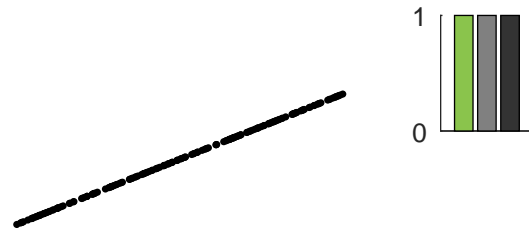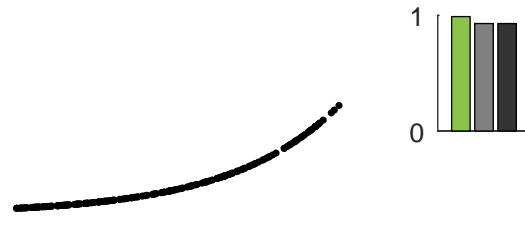# MGC, Distance Correlation, and Pearson's Correlation for 20 Dependencies
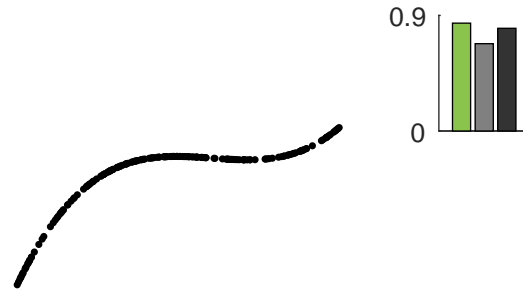
Linear: 1

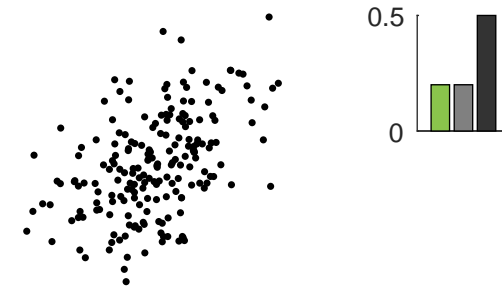**Exponential: 0.99**

Cubic: 0.84

Joint Normal: 0.2

Step Function: 0.76
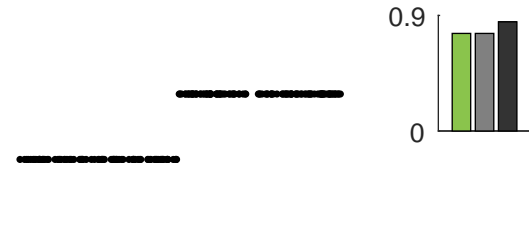
Quadratic: 0.67
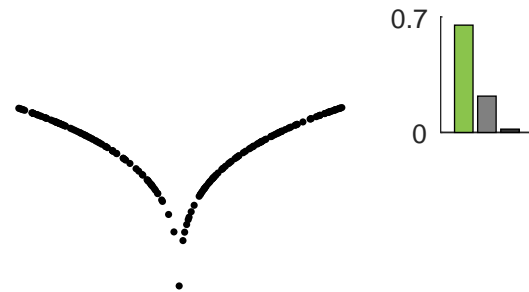
W Shape: 0.42
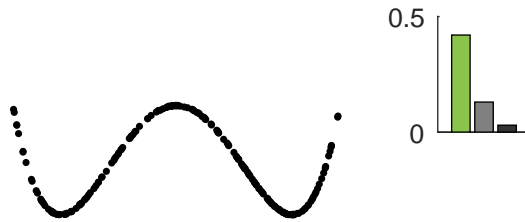
Spiral: 0.3
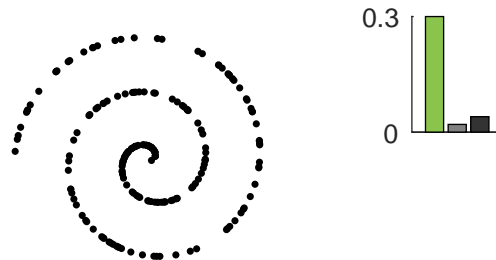
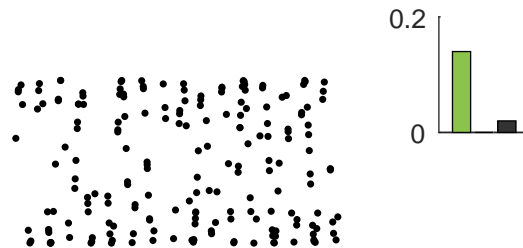**Bernoulli: 0.93**
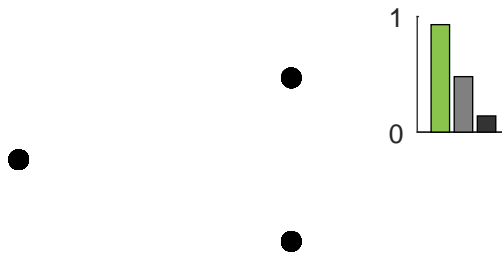
Logarithmic: 0.67
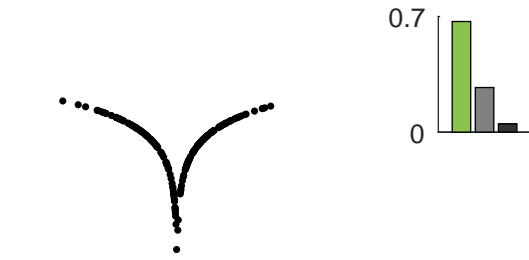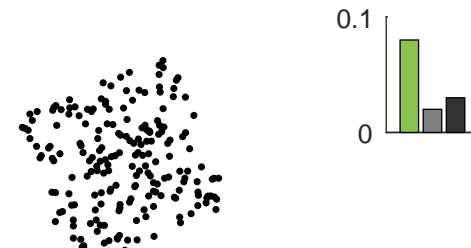
Fourth Root: 0.65

Sine Period 4π: 0.3
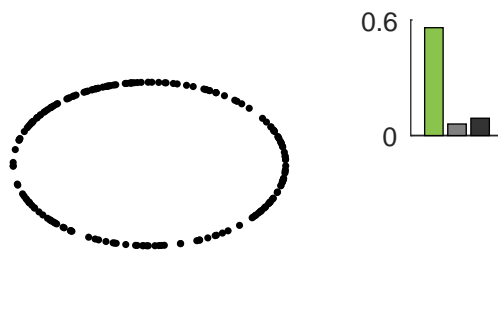
Sine Period 16π: 0.14
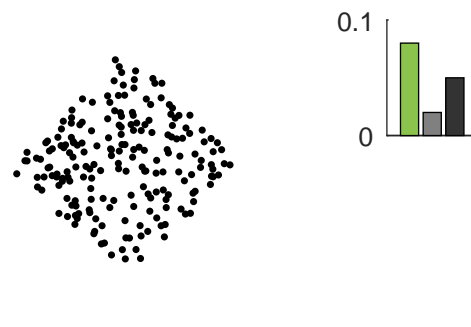
Square: 0.08

Two Parabolas: 0.46

Circle: 0.52
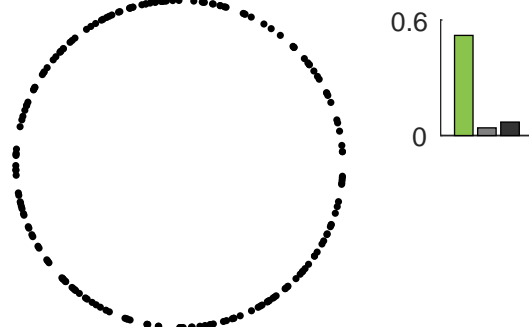
Ellipse: 0.56

Diamond: 0.08

Multiplicative: 0.11

Independence: 0