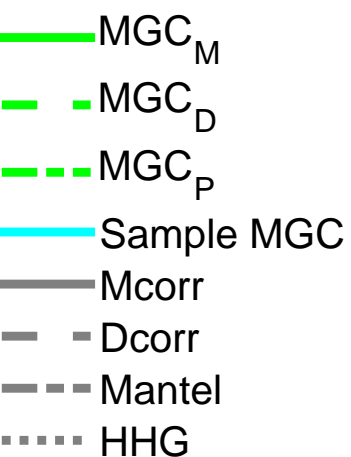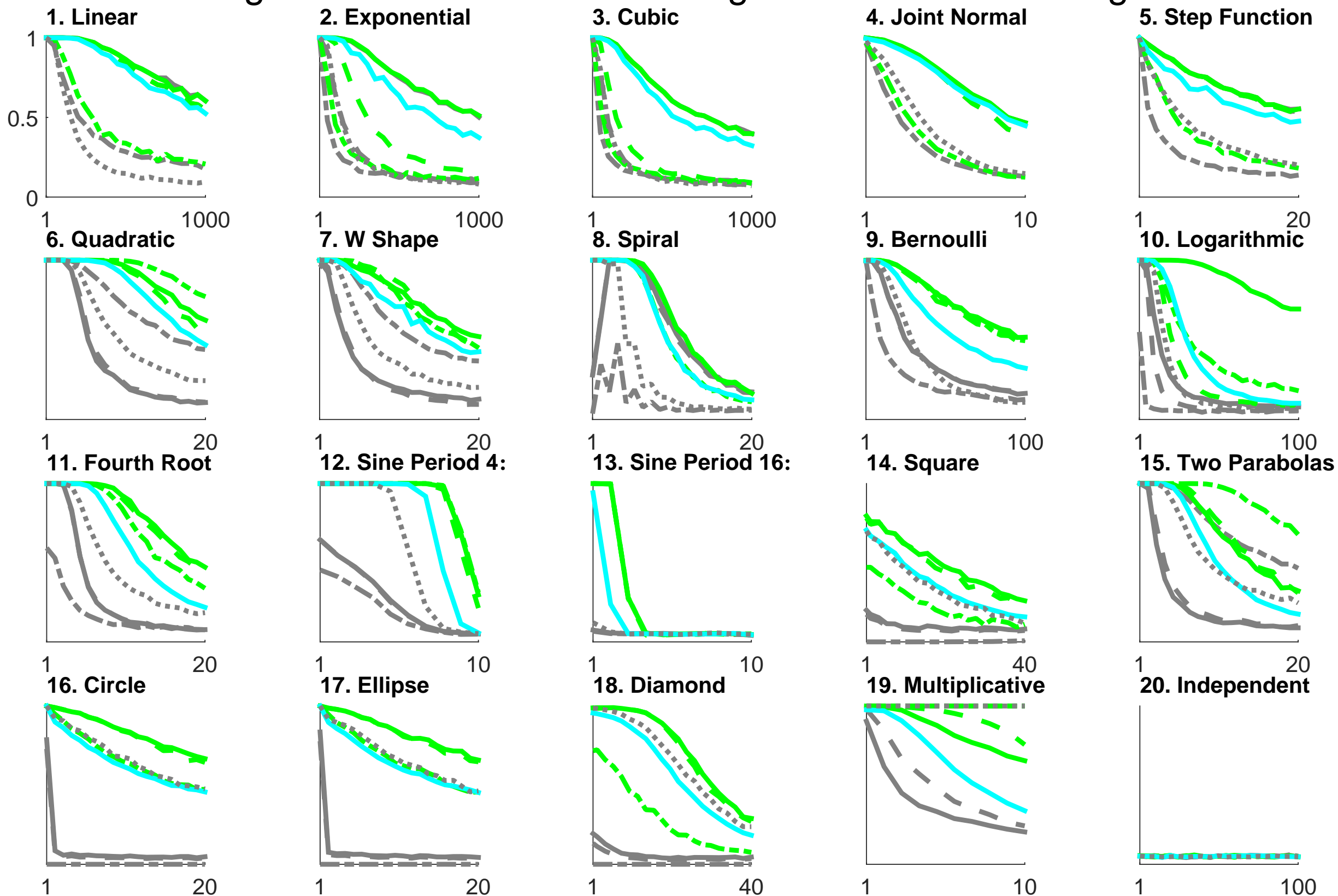# Testing Power for 20 Simulated High-Dimensional Settings

Legend:
- MGC$_M$ (solid green)
- MGC$_D$ (dashed green)
- MGC$_P$ (dash-dot green)
- Sample MGC (cyan)
- Mcorr (solid gray)
- Dcorr (dashed gray)
- Mantel (dash-dot gray)
- HHG (dotted gray)

Panels:
1. Linear
2. Exponential
3. Cubic
4. Joint Normal
5. Step Function
6. Quadratic
7. W Shape
8. Spiral
9. Bernoulli
10. Logarithmic
11. Fourth Root
12. Sine Period 4:
13. Sine Period 16:
14. Square
15. Two Parabolas
16. Circle
17. Ellipse
18. Diamond
19. Multiplicative
20. Independent

Axis labels: Power (vertical), Dimension (horizontal)