$\sin(x \pm \delta x)$ with Gaussian noise

Legend:
- 0.2 Error Deviation (solid line)
- 0.1 Error Deviation (dash-dot line)
- 0.01 Error Deviation (dotted line)
- 0.001 Error Deviation (dashed line)

- 0.2 Uncertainty (solid line)
- 0.2 Value Deviation (◄)
- 0.1 Uncertainty (dash-dot line)
- 0.1 Value Deviation (►)
- 0.01 Uncertainty (dotted line)
- 0.01 Value Deviation (▲)
- 0.001 Uncertainty (dashed line)
- 0.001 Value Deviation (▼)

X-axis: x
Left Y-axis: Uncertainty or Value Deviation
Right Y-axis: Error Deviation