RNM with exponential noise

Empirical probability of not returning mode vs Sampling rate

Legend:
- $\mathcal{M}$ satisfying 0.25-DP
- $\mathcal{M} \circ \mathcal{S}$ satisfying 0.25-DP
- $\mathcal{M}$ satisfying 0.5-DP
- $\mathcal{M} \circ \mathcal{S}$ satisfying 0.5-DP
- $\mathcal{M}$ satisfying 1-DP
- $\mathcal{M} \circ \mathcal{S}$ satisfying 1-DP
- $\mathcal{M}$ satisfying 2-DP
- $\mathcal{M} \circ \mathcal{S}$ satisfying 2-DP