RNM with exponential noise

Empirical probability of not returning mode

Sampling rate

— $\mathcal{M}$ 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