Param: D

report rec. error & distance

Fix $d = 1$, $N = 10^4$ and vary

$D = [10, 20, 30, 40, 50, 60, 70, 80, 90, 100]$

2, 3, 4, 5, ... 9

8t $d = 0.1, 0.05, 0.01$

Param: d

Fix $D = 100$, $N = 10^4$

8t $d = 0.1, 0.05, 0.01$

$d = 1, 2, 3, 4, -- 10, 20$

30 ⟶ 90

Here, report reconstruction error

Param N

Std = 0.01, 0.05, 0.1

d = 1, D = 100

N = 100, 200, 200, ..., 10^3

, 2×10^3, 3×10^3, — , 10^4

report dist & reconstruction error

For all of these

report: dist (std, mean) OR
reconst. error (std, mean)
AND noise_lvl (mean, std)

for all three values of

Std: 0.01, 0.05, 0.1

and 100 random trials