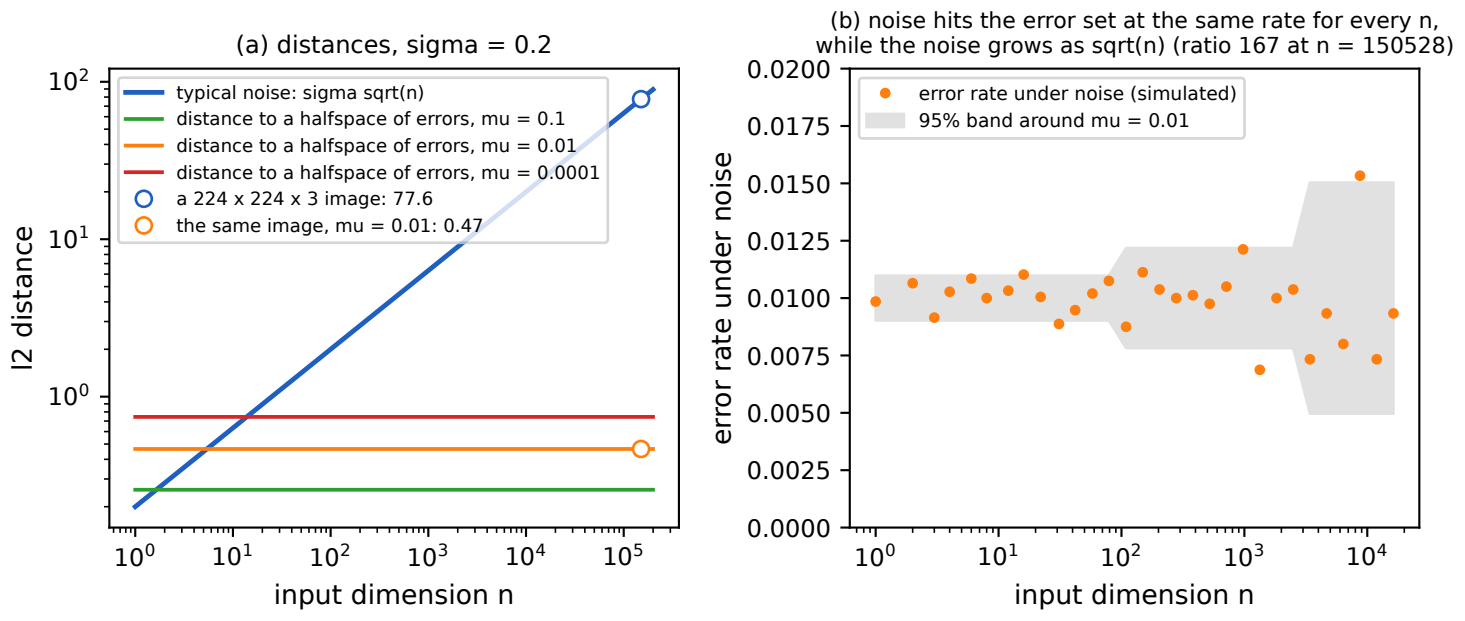

(a) distances, sigma = 0.2
typical noise: sigma sqrt(n)
distance to a halfspace of errors, mu = 0.1
distance to a halfspace of errors, mu = 0.01
distance to a halfspace of errors, mu = 0.0001
a 224 x 224 x 3 image: 77.6
the same image, mu = 0.01: 0.47
l2 distance
input dimension n
(b) noise hits the error set at the same rate for every n,
while the noise grows as sqrt(n) (ratio 167 at n = 150528)
error rate under noise (simulated)
95% band around mu = 0.01
error rate under noise
input dimension n