Distribution of Generated Features

Dataset: 1,000,000 Samples, 5 Features (0 Cont, 5 Disc)
Perturbation: feature_4 (Noise) by +1.0σ | Avg. Separation: 5.10

Distribution of feature_0

Signal: mean=7.00, std=1.82
Noise: mean=0.00, std=2.51
Separation: 7.00

Distribution of feature_1

Signal: mean=-2.99, std=3.01
Noise: mean=4.00, std=2.22
Separation: 7.00

Distribution of feature_2

Signal: mean=6.00, std=1.53
Noise: mean=1.00, std=3.01
Separation: 5.00

Distribution of feature_3

Signal: mean=-2.00, std=2.52
Noise: mean=3.00, std=2.02
Separation: 5.00

Distribution of feature_4

Signal: mean=2.50, std=1.04
Noise: mean=2.80, std=1.82
Separation: 0.30