Distribution of Generated Features

Dataset: 1,000 Samples, 5 Features (0 Cont, 5 Disc)
Perturbation: feature_4 (Noise) scaled by 1.5x; feature_2 (Noise) scaled by 1.5x | Std. Separation: 1.84

Distribution of feature_0

Signal: mean=3.03, std=2.07
Noise: mean=1.93, std=2.65
Separation: 1.10

■ Noise
■ Signal

Distribution of feature_1

Signal: mean=1.11, std=3.51
Noise: mean=2.35, std=2.45
Separation: 1.24

■ Noise
■ Signal

Distribution of feature_2

Signal: mean=3.42, std=1.56
Noise: mean=2.70, std=4.83
Separation: 0.72

■ Noise
■ Signal

Distribution of feature_3

Signal: mean=-2.19, std=2.50
Noise: mean=2.96, std=1.99
Separation: 5.15

■ Noise
■ Signal

Distribution of feature_4

Signal: mean=2.54, std=1.02
Noise: mean=1.14, std=2.64
Separation: 1.40

■ Noise
■ Signal