Distribution of Generated Features
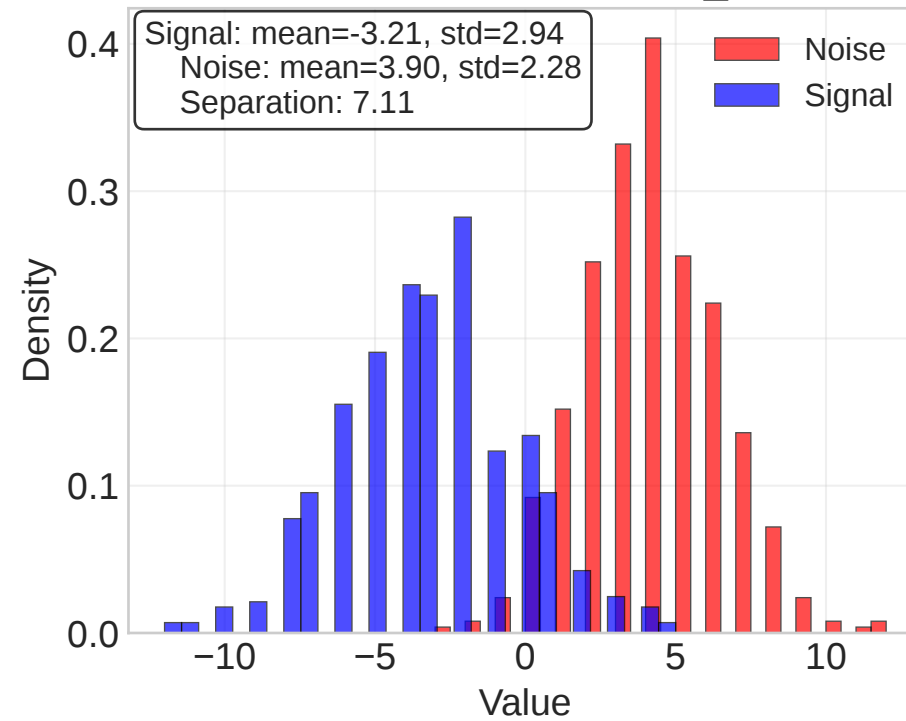
Dataset: 1,000 Samples, 5 Features (0 Cont, 5 Disc)
Perturbation: feature_4 (Noise) scaled by 1.5x | Avg. Separation: 5.10
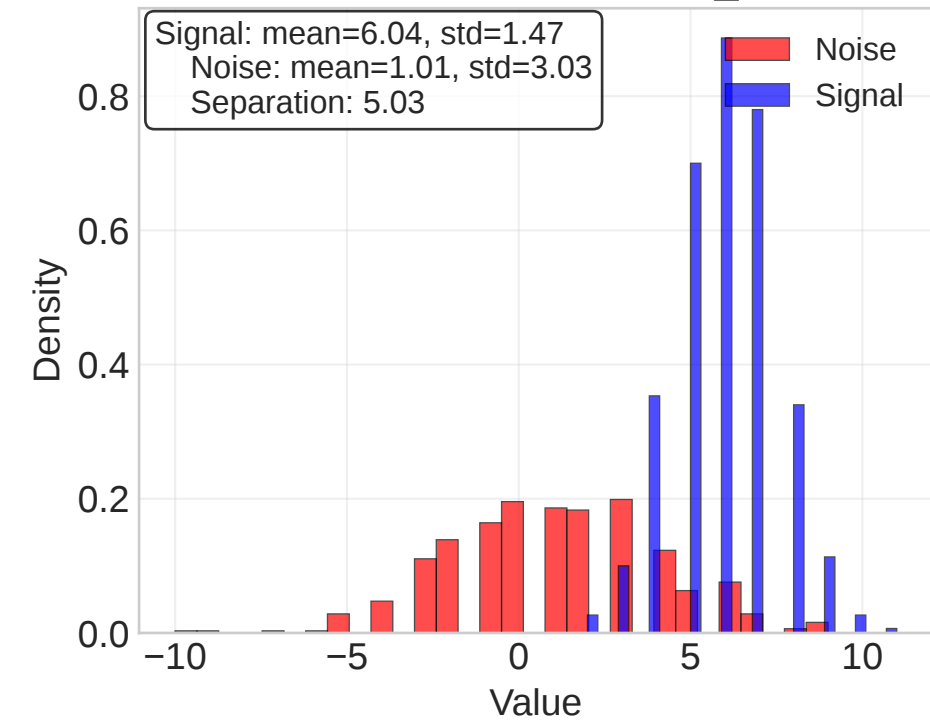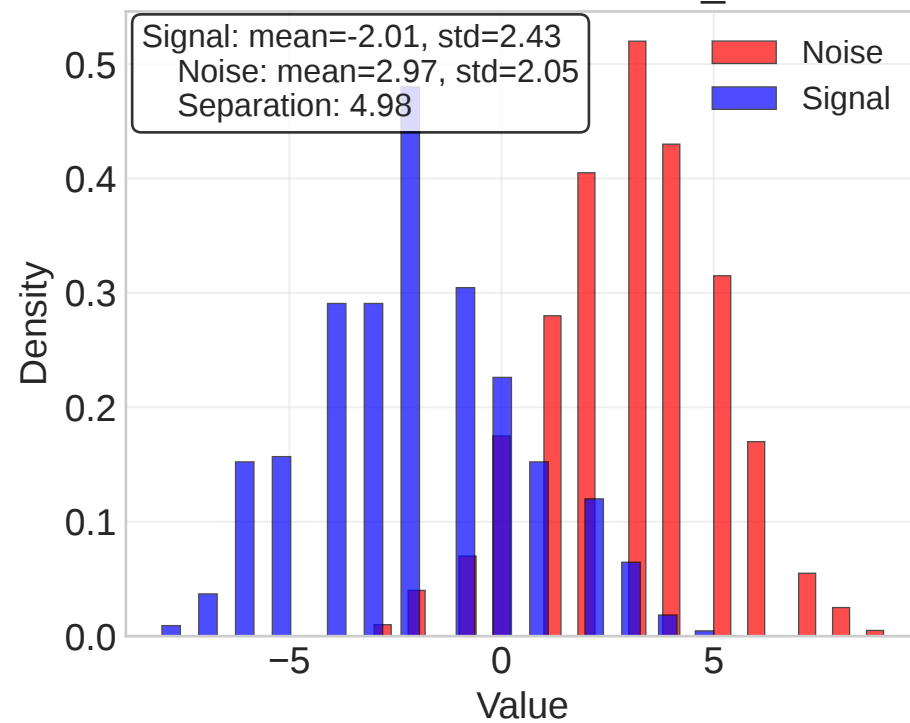
Distribution of feature_0

Signal: mean=6.95, std=1.83
Noise: mean=-0.16, std=2.38
Separation: 7.12

Distribution of feature_1

Signal: mean=-3.21, std=2.94
Noise: mean=3.90, std=2.28
Separation: 7.11

Distribution of feature_2

Signal: mean=6.04, std=1.47
Noise: mean=1.01, std=3.03
Separation: 5.03

Distribution of feature_3

Signal: mean=-2.01, std=2.43
Noise: mean=2.97, std=2.05
Separation: 4.98

Distribution of feature_4

Signal: mean=2.46, std=0.99
Noise: mean=1.69, std=2.66
Separation: 0.77