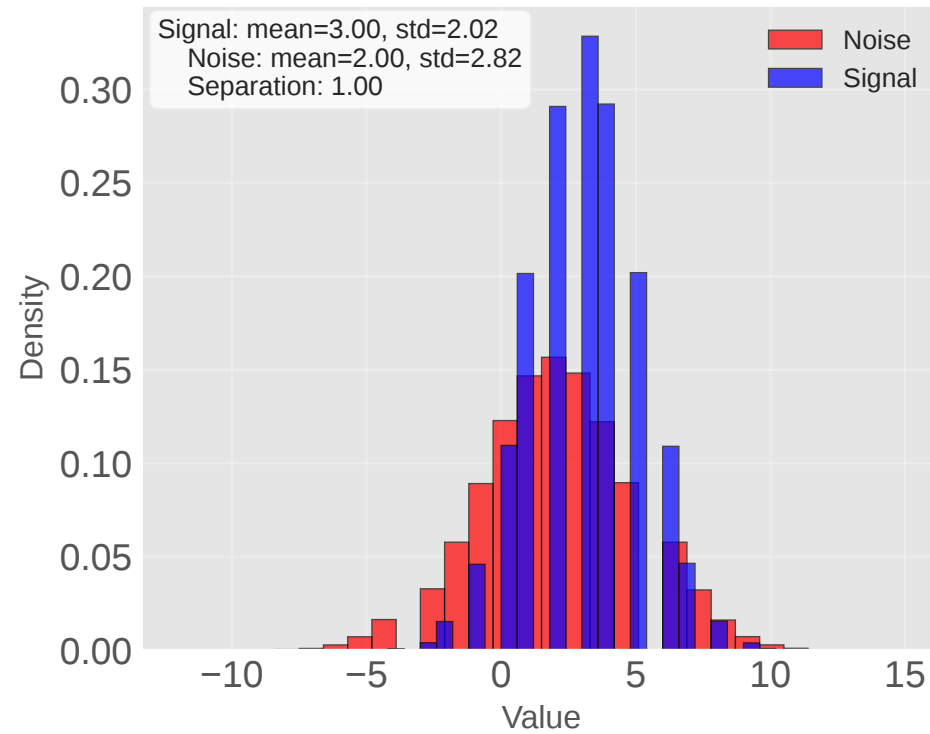# Distribution of Generated Features
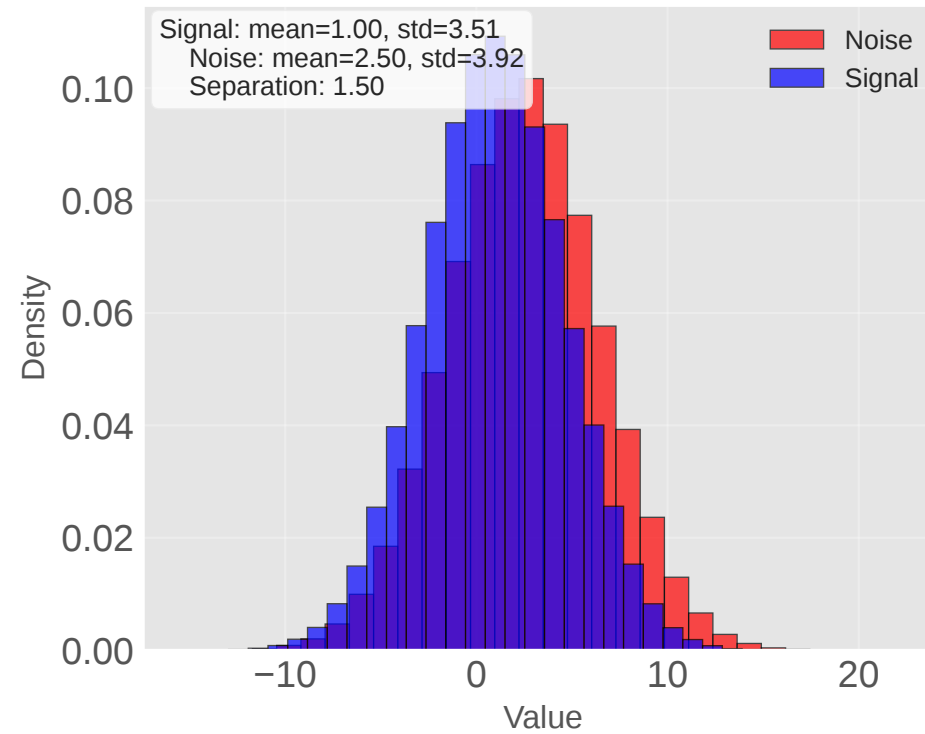
Dataset: 1,000,000 Samples, 5 Features (0 Cont, 5 Disc)
Perturbation: Corr F1, F2, F3 (Noise) +1.2σ [Economic factors correlation] | Avg. Separation: 2.10
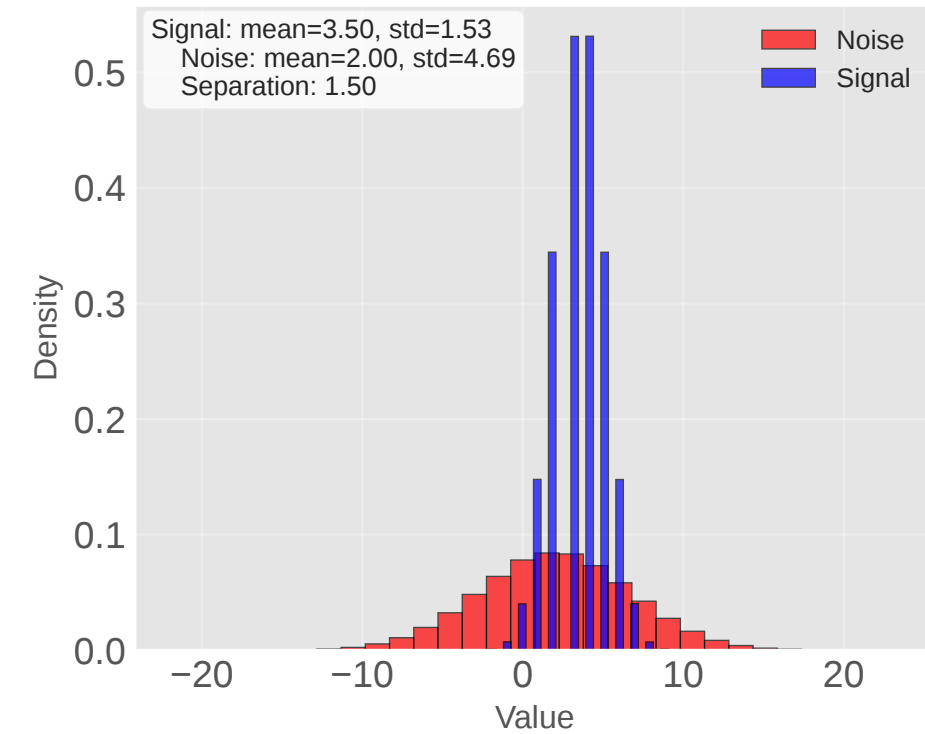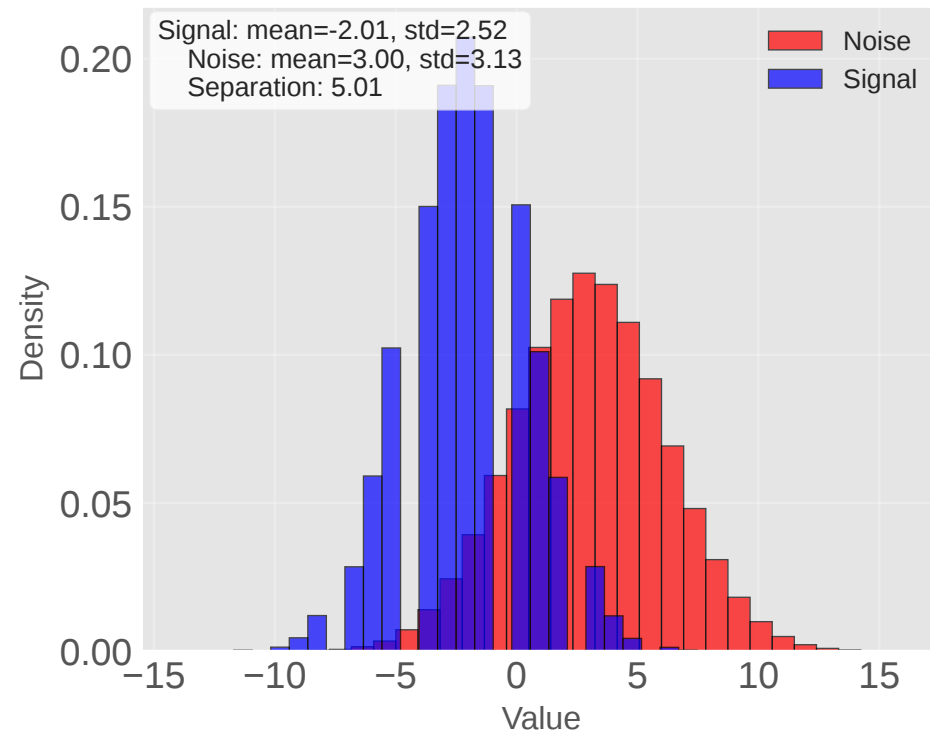
Distribution of feature_0

Signal: mean=3.00, std=2.02
Noise: mean=2.00, std=2.82
Separation: 1.00

Noise (red), Signal (blue)

Distribution of feature_1

Signal: mean=1.00, std=3.51
Noise: mean=2.50, std=3.92
Separation: 1.50

Noise (red), Signal (blue)

Distribution of feature_2

Signal: mean=3.50, std=1.53
Noise: mean=2.00, std=4.69
Separation: 1.50

Noise (red), Signal (blue)

Distribution of feature_3

Signal: mean=-2.01, std=2.52
Noise: mean=3.00, std=3.13
Separation: 5.01

Noise (red), Signal (blue)

Distribution of feature_4

Signal: mean=2.50, std=1.04
Noise: mean=1.00, std=1.82
Separation: 1.51

Noise (red), Signal (blue)