Distribution of Generated FeaturesDataset: 1,000,000 Samples, 5 Features (0 Cont, 5 Disc)

Perturbation: Corr F1, F2, F3 (Noise) +1.2σ [Economic factors correlation] | Ávg. Separation: 2.10

Distribution of feature 1 Distribution of feature 0 Distribution of feature 2 Signal: mean=3.00, std=2.02 Noise: mean=2.00, std=2.82 Signal: mean=1.00, std=3.51 Noise: mean=2.50, std=3.92 Signal: mean=3.50, std=1.53 Noise: mean=2.00, std=4.69 Noise Noise Noise 0.5 Signal Signal Signal Separation: 1.00 Separation: 1.50 Separation: 1.50 0.30 0.10 0.25 0.4 0.08 0.20 Density 0.15 Density 90.0 Density 8.0 0.2 0.04 0.10 0.1 0.02 0.05 0.00 0.00 0.0 15 -10-5 0 5 10 -100 10 20 -20-100 10 20 Value Value Value Distribution of feature 3 Distribution of feature 4 Signal: mean=-2.01, std=2.52 Noise: mean=3.00, std=3.13 Signal: mean=2.50, std=1.04 Noise: mean=1.00, std=1.82 Noise Noise 0.20 Signal Signal Separation: 5.01 Separation: 1.51 1.0 0.15 8.0 Density 9.0 Density 0.10 0.4 0.05 0.2 0.00_15

5

Value

0.0

-5

10

5

15

-10

-5

0

Value