Performance Difference (Perturbed - Original)

Y-axis: Difference in Score

X-axis: Metrics

Metrics: Accuracy, F1-Score, Precision, Recall, AUC
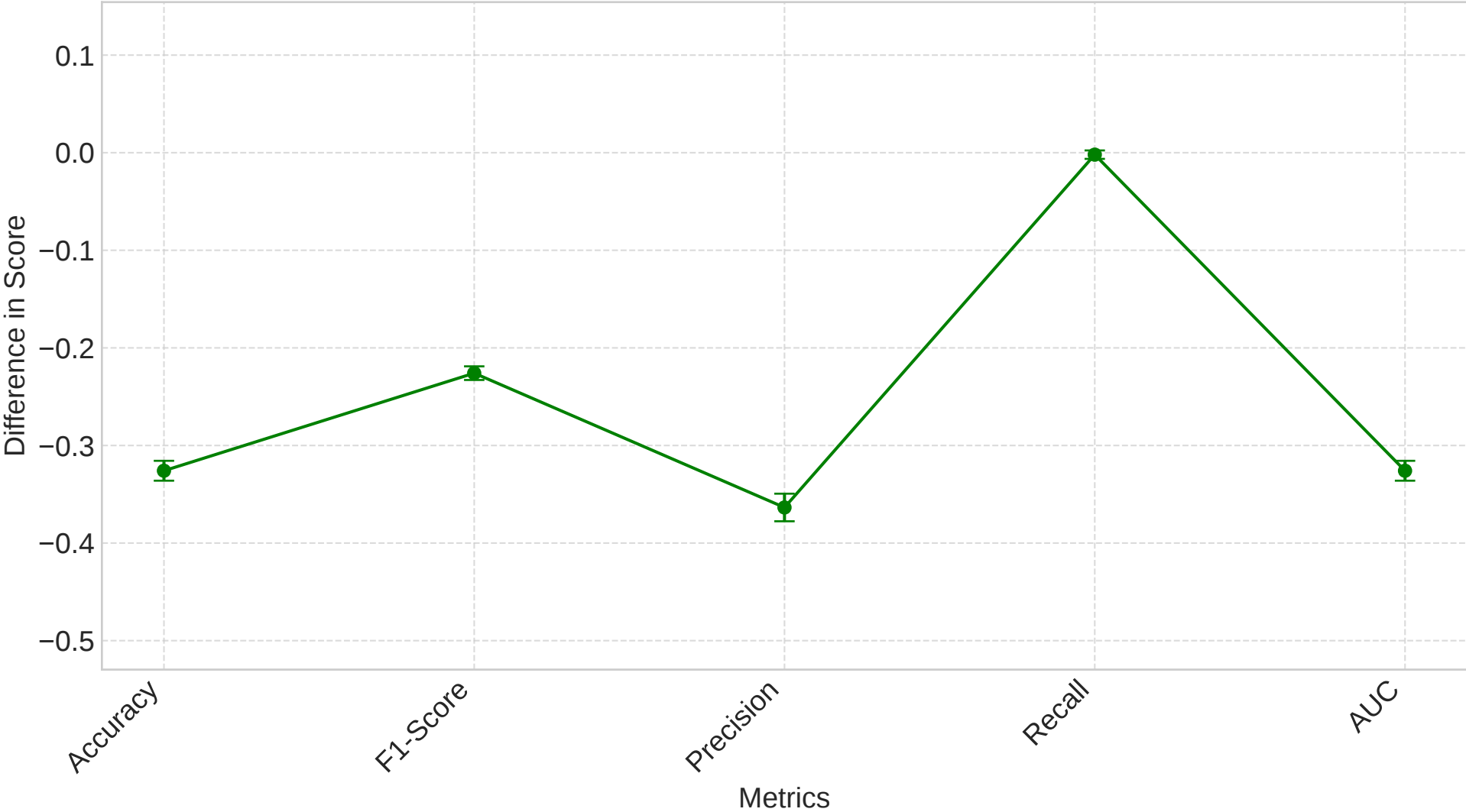
Original:
Dataset: 1,000 Samples, 5 Features (0 Cont, 5 Disc)
No Perturbations | Std. Separation: 1.84

Perturbed:
Dataset: 1,000 Samples, 5 Features (0 Cont, 5 Disc)
Perturbation: feature_1 (Noise) by -0.5σ; feature_2 (Noise) by +0.5σ; feature_3 (Noise) scaled by -1.25x; feature_4 (Noise)
scaled by 1.5x | Std. Separation: 1.84