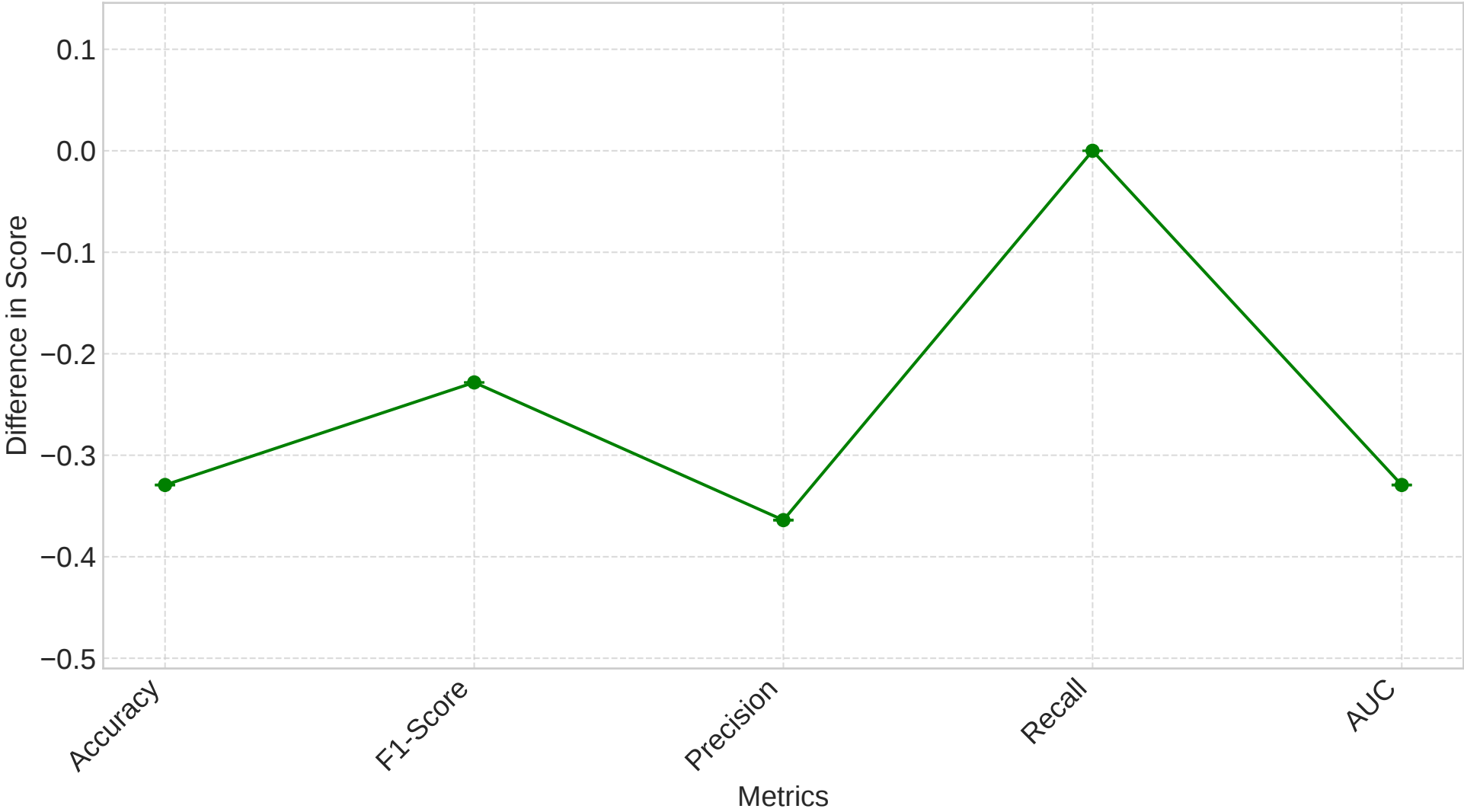# Performance Difference (Perturbed - Original)

Original:
Perturbation: 1,000,000 Samples, 5 Features (0 Cont, 5 Disc)
No Perturbations | Std. Separation: 1.84

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