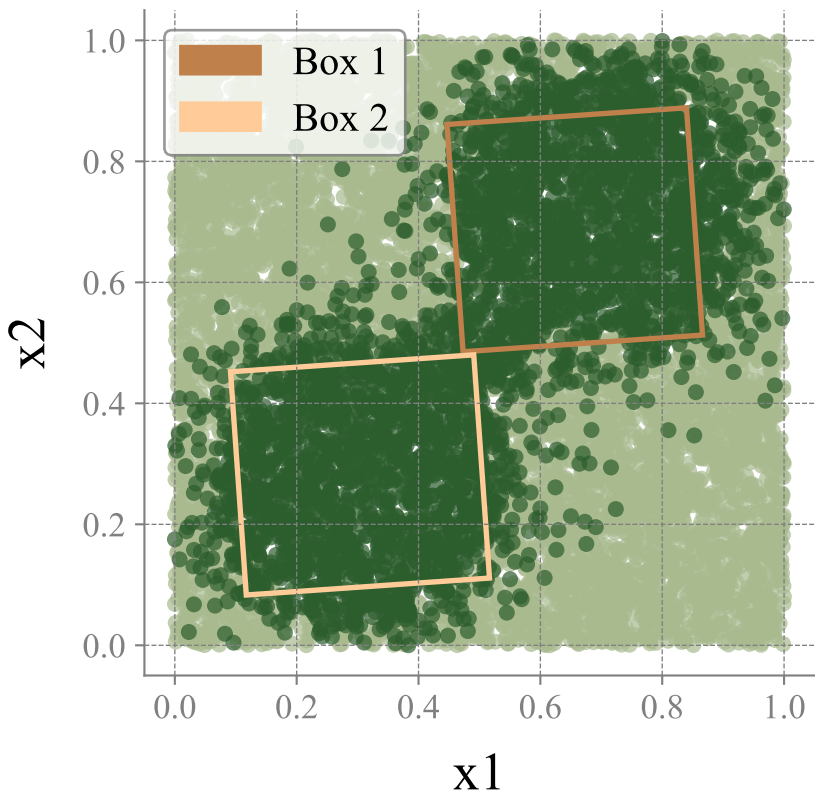


PCA-PRIM Boxes on Barbell 2D



Box 1:

Coverage: 0.34

Density: 0.93

Rule Set:

$$0.24 * x_1 + -3.46 * x_2 \geq -2.87$$

$$0.24 * x_1 + -3.46 * x_2 \leq -1.56$$

$$-3.46 * x_1 + -0.24 * x_2 \geq -3.12$$

$$-3.46 * x_1 + -0.24 * x_2 \leq -1.75$$

Box 2:

Coverage: 0.35

Density: 0.96

Rule Set:

$$0.24 * x_1 + -3.46 * x_2 \geq -1.54$$

$$0.24 * x_1 + -3.46 * x_2 \leq -0.26$$

$$-3.46 * x_1 + -0.24 * x_2 \geq -1.81$$

$$-3.46 * x_1 + -0.24 * x_2 \leq -0.43$$

Combined:

Coverage: 0.69

Density: 0.95