# Settings

## Three DP generative models:

PrivBayes (Laplace), 2. DP-WGAN (DP-SGD), 3. PATE-GAN (PATE)

## Four data settings:

S1: Binary class size, precision, and recall

S2: Multi-class size, precision, and recall

S3: Single-attribute subgroup size and accuracy

S4: Multi-attribute subgroup size and accuracy

Multiple privacy budget and subgroup imbalance levels

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# S1: Binary Class Size, Precision, Recall

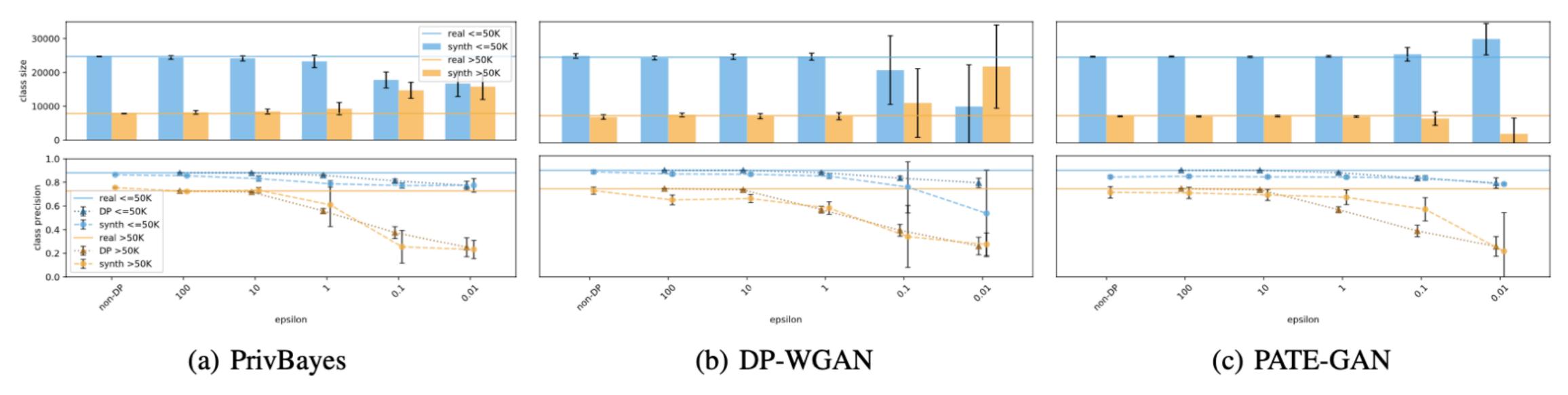


Figure 1: Synthetic data class size (top), real, DP, and synthetic classifiers precision (bottom) for different levels of  $\epsilon$ , Adult.