

Enter Synthetic Generic Data

Recombination model (Recomb)*

Restricted Boltzmann Machines (RBM)+

Generative Adversarial Networks (GAN)+

Wasserstein GAN (WGAN)^

Recombination RBM (Rec-RBM), new

Recombination GAN (Rec-GAN), new



*Samani et al. Quantifying genomic privacy via inference attack with high-order SNV correlations

+Yelmen et al. Creating Artificial Human Genomes Using Generative Models

^Killoran, et al. Generating and designing DNA with deep generative models

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Datasets

CEU Population (HapMap Project)

CHB Population (HapMap Project)

1,000 Genomes Project