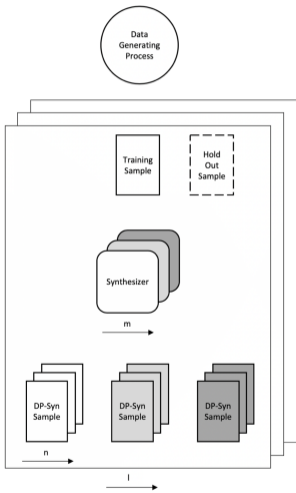


A Framework to Evaluate the Quality of DP Synthetic Data (Arnold/Neunhoeffer)



	General Utility	Specific Utility
Training Data Similarity	Marginals: Wasserstein randomisation test Joint distribution: $pMSE$	Regression coefficients: Average percent bias Variances: Average variance and covariance ratio
Generalisation Similarity	Marginals: Wasserstein randomisation test Joint distribution: $pMSE$	Regression coefficients: Average percent bias Variances: Coverage Prediction $RMSE$ w.r.t. further samples from population

Curious?

Find our working paper at arxiv.org/abs/2004.07740