

Synthetic Data Evaluation Report

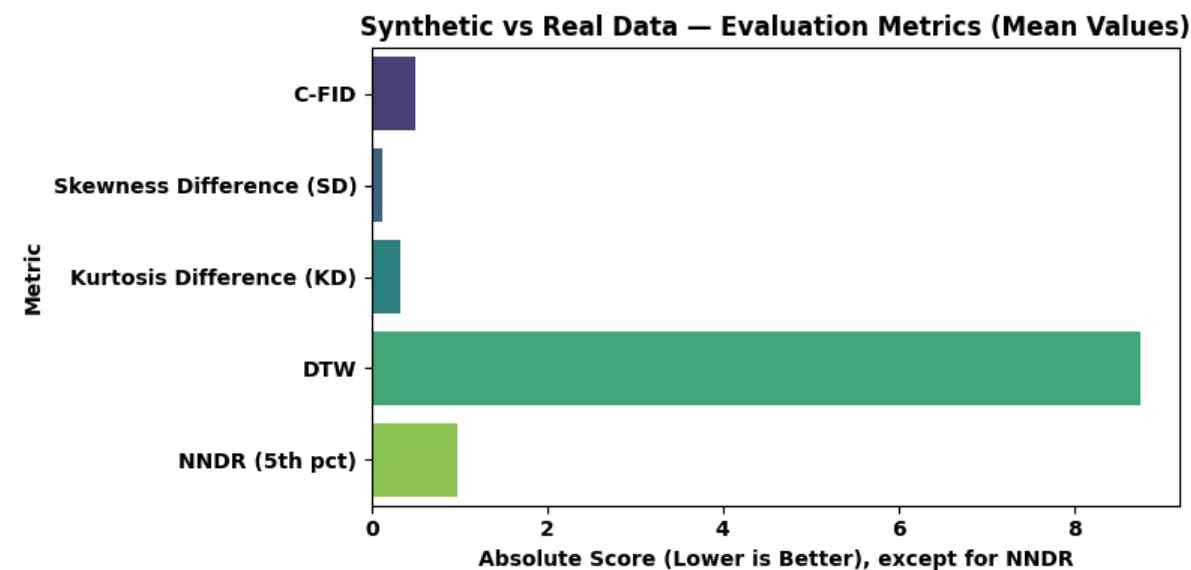
Metric Definitions

- **C-FID**: Conditional Frechet Inception Distance - measures similarity of distributions.
- **Skewness Difference (SD)**: Measure of asymmetry between real and synthetic data.
- **Kurtosis Difference (KD)**: Measure of tail heaviness/ outliers between real and synthetic data.
- **DTW**: Dynamic Time Warping distance - compares data sequences in time series data.
- **NNDR (5th pct)**: Nearest Neighbor Distance Ratio (5th percentile) - highlight privacy risks if synthetic points too similar to real points.

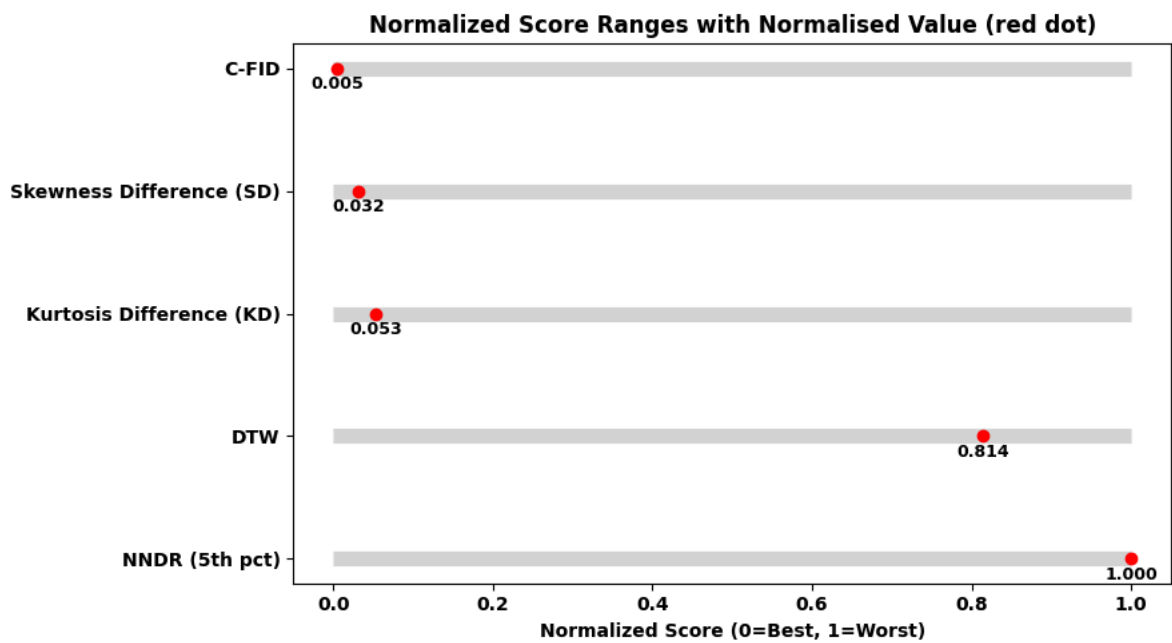
Score Summary

C-FID	: 0.492	â€™ Good
Skewness Difference (SD)	: 0.113	â€™ Good
Kurtosis Difference (KD)	: 0.328	â€™ Good
DTW	: 8.766	â€™ Needs Work
NNDR (5th pct)	: 0.975	â€™ Needs Work

Barplot of Scores



Normalised Score Range



Radar Plot of Normalized Scores

