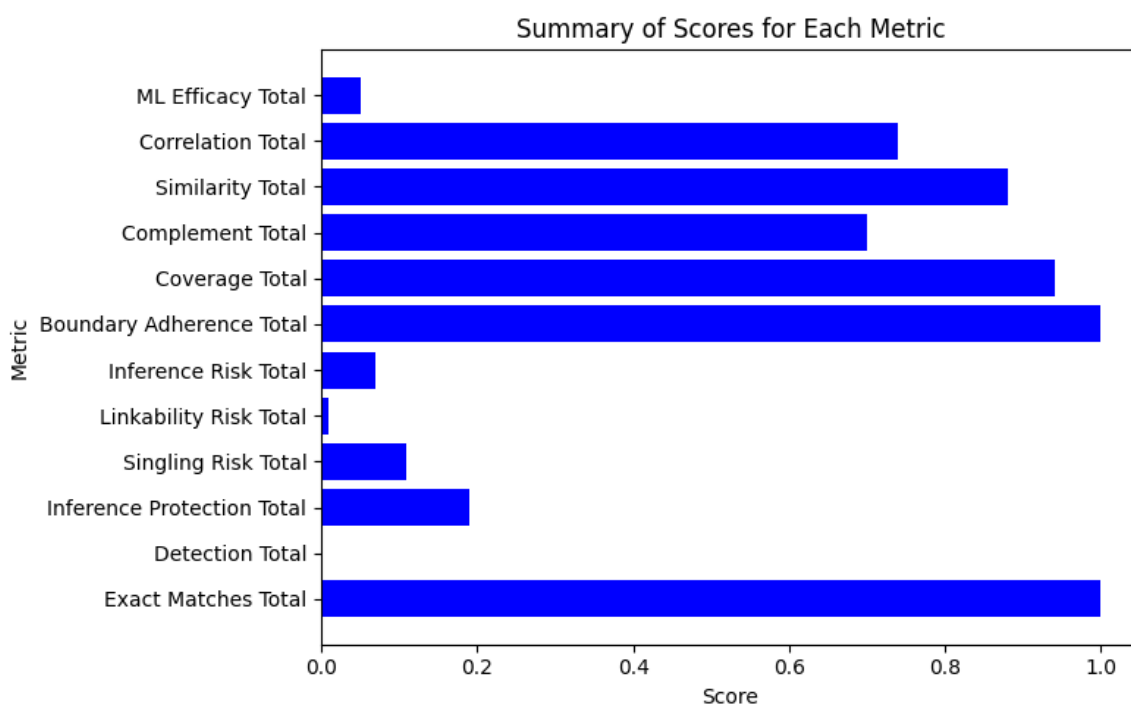


Synthetic Data Evaluation Report

This report details the quality, privacy and utility evaluation metrics gained from the synthetic data, and visualisations to help interpret them.

Metrics Summary

Privacy Metrics	Score	Quality Metrics	Score	Utility Metrics	Score
Exact Matches	1.0	Boundary Adherence	1.0	Similarity	0.88
Detection	0.0	Coverage	0.94	Correlation	0.74
Inference Protection	0.19	Complement	0.7	ML Efficacy	0.05
Singling Risk	0.11	nan	nan	nan	nan
Linkability Risk	0.01	nan	nan	nan	nan
Inference Risk	0.07	nan	nan	nan	nan

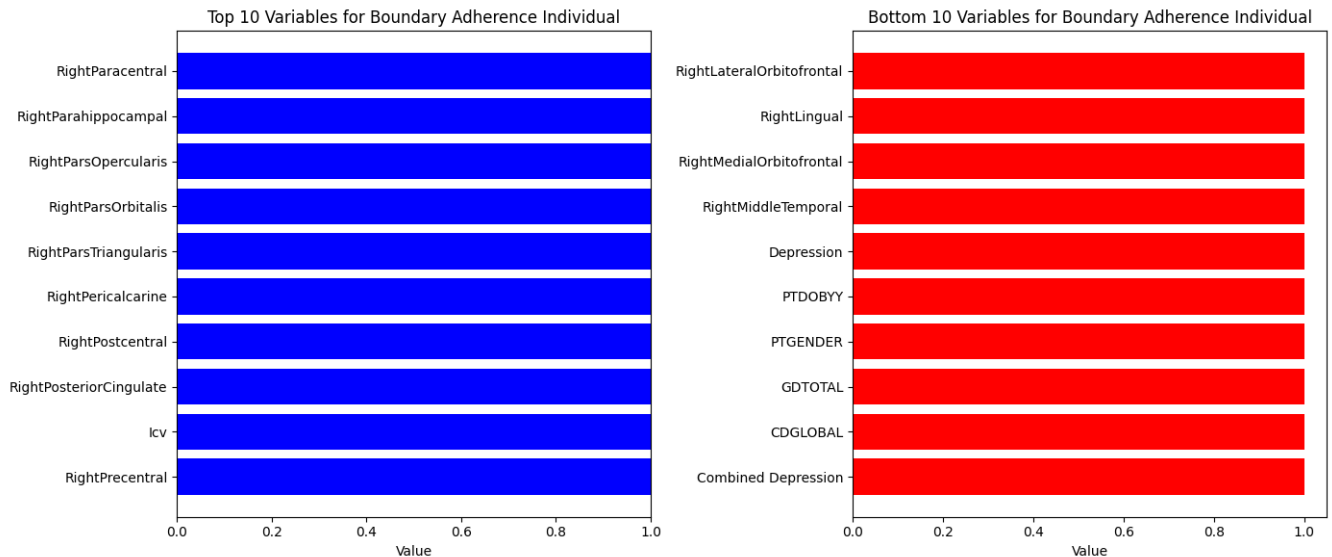


Synthetic Data Categorisation Level: Correlated Synthetic Data

Correlated Synthetic Data is categorised as the highest risk due to capturing information about relationships and patterns between variables. Therefore, the privacy metrics should be evaluated carefully to ensure individuals aren't at risk of being identifiable.

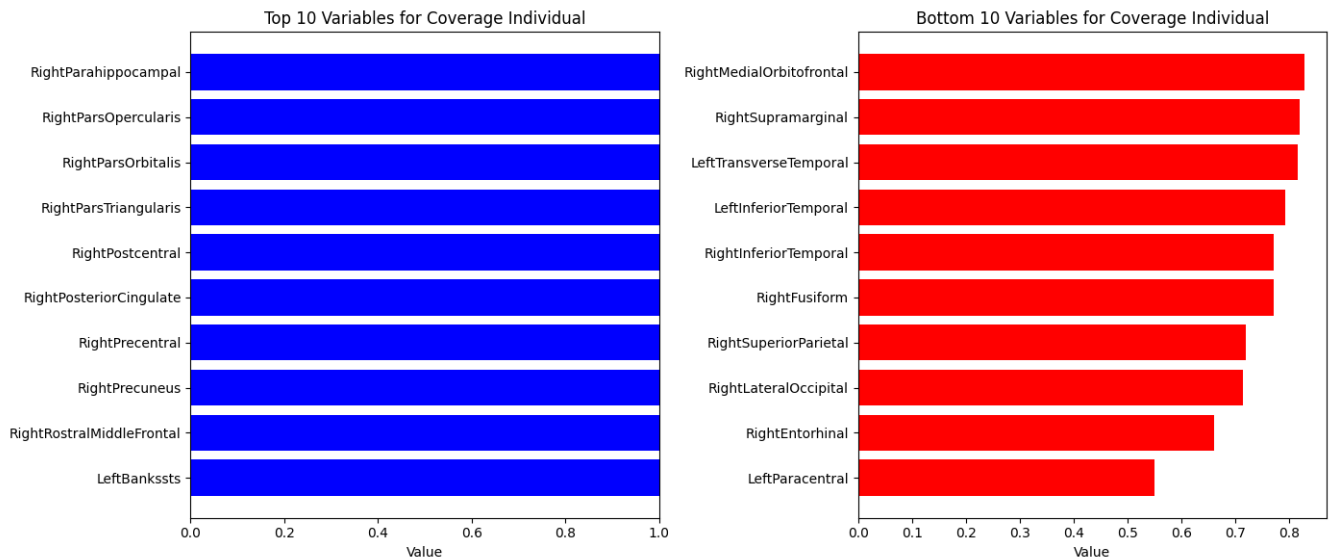
(Quality) Boundary Adherence Scores

Boundary adherence measures whether values stay within the original min/max ranges of the data. (0.0: means none of the attributes have the same min/max ranges, 1.0: means all attributes have the same min/max ranges)



(Quality) Coverage Scores

Coverage measures whether the whole range of values are represented. (0.0: means none of the values are represented, 1.0: means all values are represented)



(Quality) Complement Scores

Complement measures whether the distributions look the same. (0.0: means the distributions are as different as they can be, 1.0: means the distributions are exactly the same)

