

**Title:** Descriptives

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Table 1: Comparison of Baseline and Tuned Parameters

Model	Parameter	Baseline	Tuned	Different
Synthpop	cp	0.00000001	0.00000001	Y
	minbasket	5	5	Y
	copies (m)	1	10	N
CTGAN	epochs	300	900	Y
	discriminator steps	1	10	Y
	batch size	500	500	N
	log frequency	FALSE	FALSE	N
	copies (m)	1	10	N
DataSynthesizer	privacy (e)	0.1	30	Y
	parents (k)	0	1	Y
	copies (m)	1	10	Y

Table 2: Utility - baseline

Metric	Synthpop	DataSynthesizer	CTGAN
ROE univariate	0.8490	0.3337	0.6640
CI Overlap	0.6923	0.4081	0.6466
Standardized difference	1.6399	2.2784	1.6085

Table 3: Utility - tuned

Metric	Synthpop	DataSynthesizer	CTGAN
ROE univariate	0.9618	0.3717	0.7801
CI Overlap	0.9133	0.5558	0.6920
Standardized difference	0.3552	2.1442	1.4274

Figure 1: Frequency of estimates

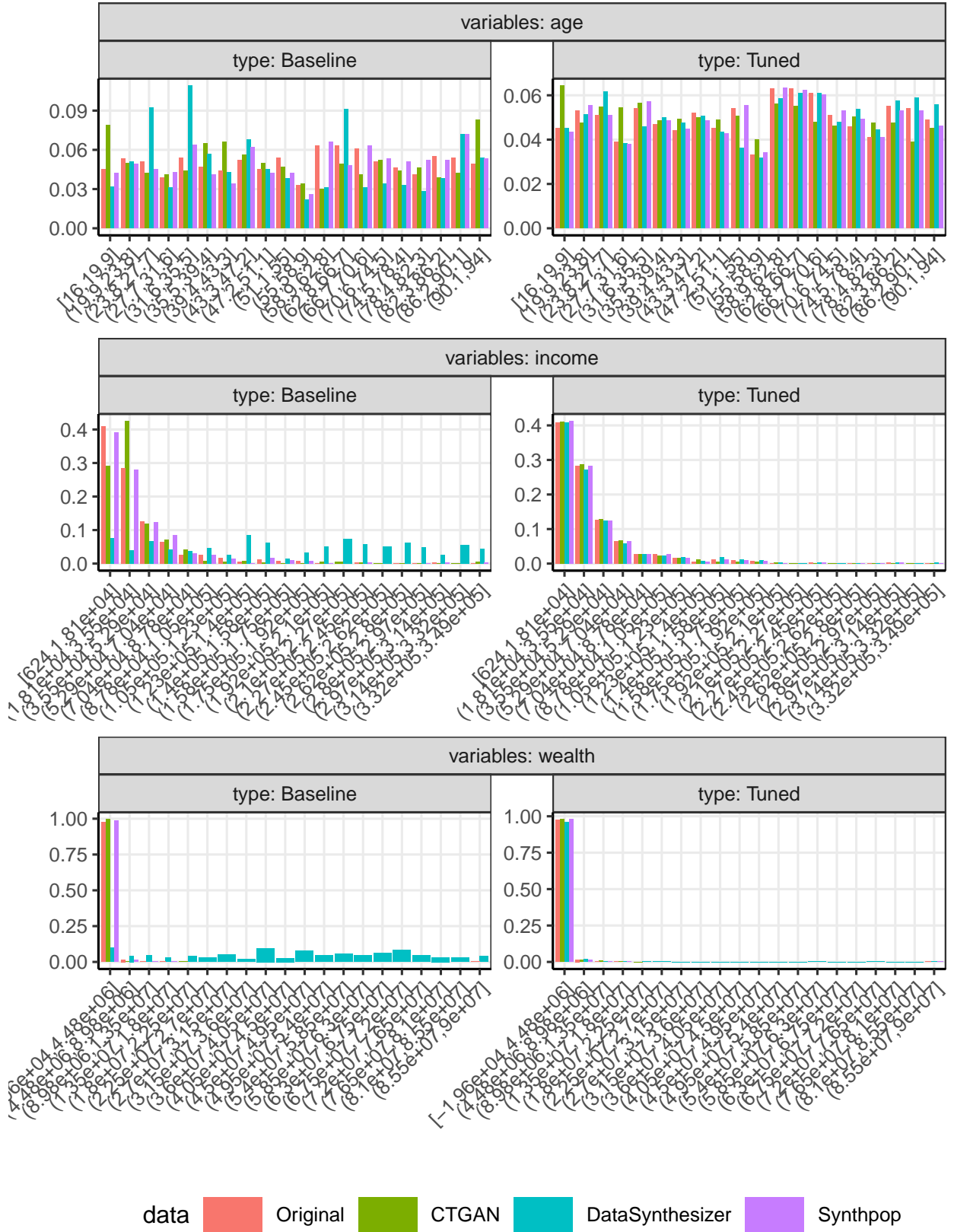


Figure 2: Confidence interval overlap

