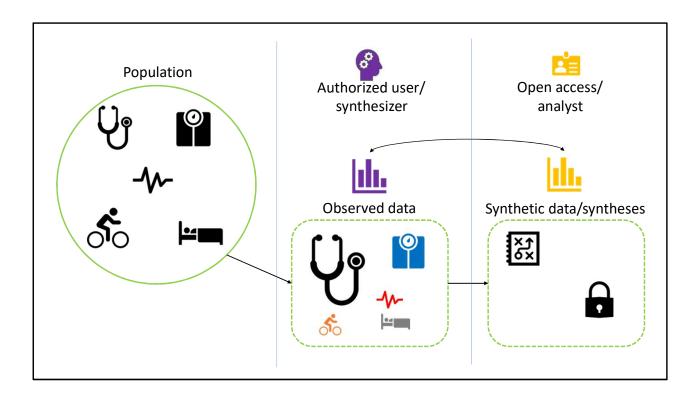


These are some of the technologies in Kay's life.

synthpop

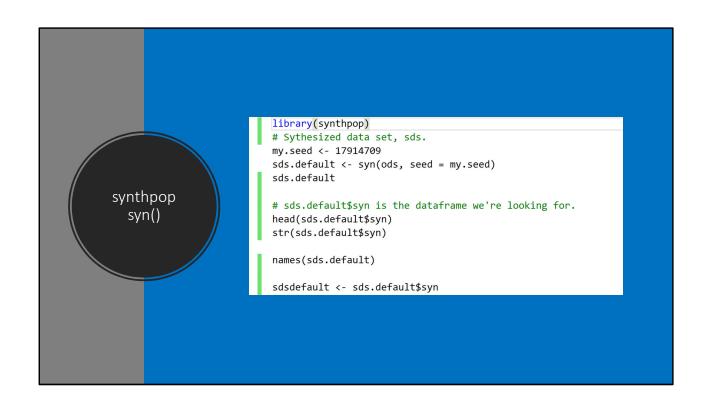
https://cran.r-project.org/ web/packages/synthpop/ vignettes/synthpop.pdf

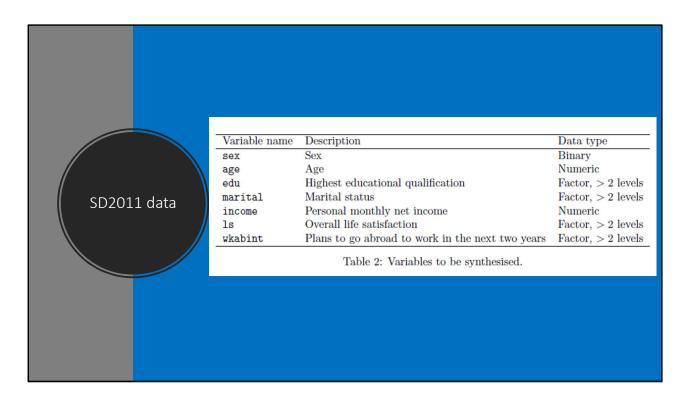




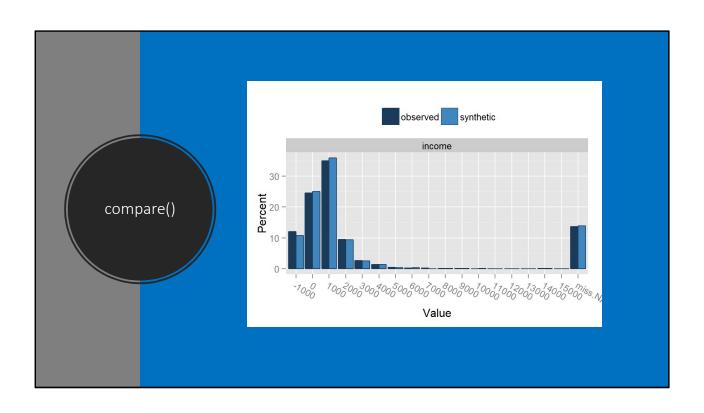
The basic idea of synthetic data is to replace some or all of the observed values by sampling from appropriate probability distributions so that the essential statistical features of the original data are preserved.

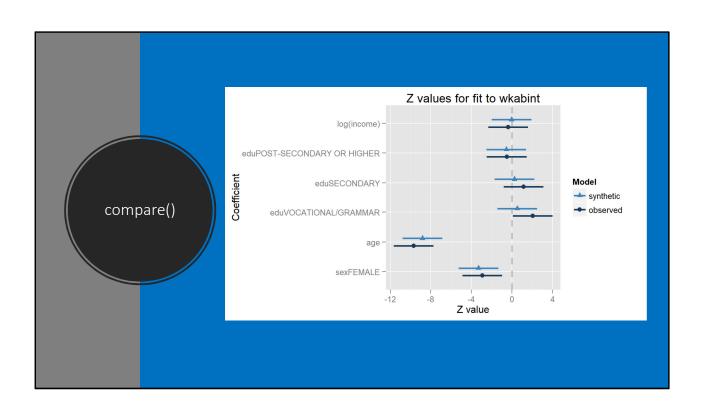
Synthpop's aim is only to make inferences to the results that would have been obtained by the gold standard analysis, with the expectation that the analyst will run final models on the observed data.



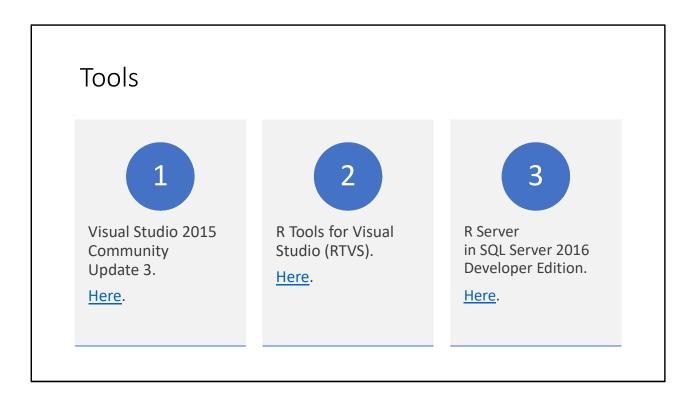


Data from Poland about life satisfactory (ls).





		Method	Description	Data type
		Non-parametric ctree, cart	Classification and regression trees	Any
		surv.ctree Parametric	Classification and regression trees	Duration
	Different methods	norm normrank*	Normal linear regression Normal linear regression preserving the marginal distribution	Numeric Numeric
	accept different	logreg* polyreg* polr*	Logistic regression Polytomous logistic regression Ordered polytomous logistic regression	Binary Factor, > 2 levels Ordered factor, > 2 levels
	data types	pmm Other	Predictive mean matching	Numeric
		sample passive	Random sample from the observed data Function of other synthesised data	Any Any
		Table 1: Buil	t-in synthesising methods. * Indicates defa	ult parametric methods.



R Studio IDE is an option for the authoring tool. R open source is an option for the R engine.



From both original and synthetic data, we conclude that men are more likely to declare intention to work abroad as are those who are young. The fact that the results from synthetic data can have a similar pattern to the results from the real data is encouraging for further developments of synthetic data tools.

