

Studies and Codes

- This page contains pilot studies conducted under the HLG-MOS Machine Learning Project / ONS-UNECE Machine Learning Group and programming codes (if available). If you want your study or code to be added, please contact UNECE
- You can search by Theme, ML method, Programme code availability and Programming Language using the filter below.

	Theme	Title	Country /Organisation	Data Source	ML methods	Programme code availability	Programming Language	Note
8	Coding & Classification	Automatic coding of occupation and industry in social statistical surveys	Iceland	Survey data	Deep learning	Yes (See section 5 of the report)	R	
11	Edit & Imputation	Imputation in the sample survey on participation of Polish residents in trips	Poland	Survey data	CART, Random forest, Optimal weighted nearest neighbor, Support vector machine		R	
12	Edit & Imputation	Machine learning for imputation	Germany	Survey data	K-nearest neighbors, Bayesian network, Random forest, Support vector machine		R	
15	Edit & Imputation	Editing in the Italian Register of the Public Administration	Italy	Administrative data	Decision tree, Random forest		R	
17	Imagery Analysis	Address Register Automated Image Recognition (AIR) model	Australia	Aerial imagery	Convolutional neural network		R	
24	Edit & Imputation	Multiple imputation through machine learning in a survey of sport clubs	Poland	Survey data	Random forest, CART		R	
26	Route Optimisation	Route Optimisation through genetic algorithm	Chile		Genetic algorithm		R	