

Studies and Codes

- This page contains pilot studies conducted under the HLG-MOS Machine Learning Project 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 filter below.

| | Theme | Title | Country /Organisation | Data Source | ML methods | Programme code availability | Programming Language | Note |
|----|-------------------|--|-----------------------|---|--|---|----------------------|------|
| 10 | Edit & Imputation | Imputation of the variable "Attained Level of Education" in Base Register of Individuals | Italy | Administrative data, Survey data, Census data | Multilayer perceptron, Log linear | Yes (Click GitHub link) | Python | |
| 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 | |
| 13 | Edit & Imputation | Early estimates of energy balance statistics using machine learning | Belgium VITO | | Lasso regression, Linear regression, Neural network, Random forest, Ridge regression | Yes (Click GitHub link) | Python | |
| 14 | Edit & Imputation | Editing of Living Cost and Food Survey Income data | UK | Survey data | Decision tree, Random forest, Neural network | | | |
| 15 | Edit & Imputation | Editing in the Italian Register of the Public Administration | Italy | Administrative data | Decision tree, Random forest | | R | |
| 16 | Edit & Imputation | Machine Learning for Data Editing Cleaning in NSI : Some ideas and hints | Italy | | | | | |