

## **The diversity of young Moroccan men and women not in employment, education or training (NEET).**

### **Abstract:**

The Moroccan youth NEET aged from 15 to 29 years old is characterised by a great gender related heterogeneity with respect to economic activity status: most of NEET women are housewives (87%) or long-term unemployed (8%), while NEET men are mostly long-term unemployed (50,3%), short-term unemployed (21%) or sick or disabled (20,1%). Within the 2030 Agenda for Sustainable Development framework, the NEET rate has to be substantially reduced; in this context, the present paper tries to draw a clearer picture of these vulnerable categories to policy designers in Morocco for better targeting, by classifying the subgroups of the diversified NEET men and NEET women populations using C50 algorithm. It has been shown in previous work how age, level of education, matrimonial status, household size, economic activity of the head of household and other factors determine in different ways, for young men and young women, the likelihood of falling in NEET situation; in this study two classification trees are conducted to model the most influential predictors among these factors and how they predict the potential subcategories (classes) of youth NEET.

### **Keywords:**

NEET; Gender; Classification trees; Imbalanced data; SDGs.