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TITLE: ANALYSIS OF HOUSEHOLDS FEATURES, CONSUMPTION PATTERNS AND CO2 EMISSIONS FOR SPAIN IN AN INPUT-OUTPUT FRAMEWORK.

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ABSTRACT:

In previous works, has been studied the relationship between households' consumption and CO2 emissions attributed to the productive activities in Spain. The aim of this paper is to deepen in this analysis, identifying the factors that determine the final demand of households and, in fact, are the cause of the total amount of those emissions. The results of this study allows to explain clearly the relation between different characteristic features (social, demographic and economic) of the spanish households and their behavior in terms of consumption and demand, specially in goods and services with high emissions of CO2 associated with their production. This make possible to designe and propose actions to change actual consumption patterns to standard patterns more adapted to sustainable development. The methodology proposed for this analysis combine Input-Output and SAM linear models with statistical segmentation techniques and econometric tools.