Welfare Indicators calculated with multiple correspondence techniques from IV the National Survey on Family Budgets of Venezuela 2008-2009

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The IV National Survey on Family Budgets in Venezuela is focused mainly on studying the patterns of consumption and household income, this information is very helpful to assess the social and economic condition of the country's inhabitants. However, these surveys also have many auxiliary information relating to other circumstances of household members, such as, education, housing, health, employment status and socio-economic aid that are utilized in this analysis to understand other dimensions of social welfare. As these variables are mostly categorical, analysis addresses multiple correspondence analysis techniques (MCA) to make synthetic indicators that give clarity to the analysis, simplicity in the results, and opens the possibility of exploiting statistical methodologies associated with continuous type variables.

Key Words: Multiple correspondence analyses, Synthetic Indicators, Welfare