



Measuring well-being in Portugal: weights and resilience

Paulo Gomes*

NOVA-Information Management School, Lisbon, Portugal - paulo.gomes@novaims.unl.pt

Sérgio Bacelar

Statistics Portugal, Lisbon, Portugal - sergio.bacelar@ine.pt

Abstract

This paper focuses on the recently built *Portuguese Well-being Index* (WBI) covering the 2005-2013 period. Firstly we aimed for a deeper understanding of various aspects of well-being evolution in the last nine years using a multivariate statistical analysis of 79 indicators considered in such period.

Then we approached one of the main issues usually pointed out about index construction: the use of weights for the computation of composite indexes. Using a simulation, we discussed the possible resilience of changing the weights attributed to each of the ten domains used in the construction of this index of well-being.

Keywords: well-being; material conditions of life; quality of life; exploratory data analysis; weighting.