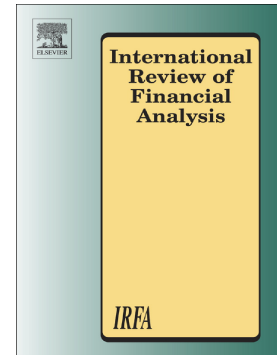


## Accepted Manuscript

Using multiple correspondence analysis for finance: A tool for assessing financial inclusion

Mardi Dungey, Firmin Doko Tchatoka, María B. Yanotti



PII: S1057-5219(18)30397-1  
DOI: doi:[10.1016/j.irfa.2018.08.007](https://doi.org/10.1016/j.irfa.2018.08.007)  
Reference: FINANA 1243

To appear in: *International Review of Financial Analysis*

Received date: 30 April 2018  
Revised date: 20 July 2018  
Accepted date: 8 August 2018

Please cite this article as: Mardi Dungey, Firmin Doko Tchatoka, María B. Yanotti , Using multiple correspondence analysis for finance: A tool for assessing financial inclusion. *Finana* (2018), doi:[10.1016/j.irfa.2018.08.007](https://doi.org/10.1016/j.irfa.2018.08.007)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Using Multiple Correspondence Analysis for finance: A tool for assessing financial inclusion \*

Mardi Dungey<sup>a,c</sup>  
 Firmin Doko Tchatoka<sup>b</sup>  
 María B. Yanotti<sup>a†</sup>

<sup>a</sup> University of Tasmania

Private Bag 84, Hobart, TAS, 7001, Australia

<sup>b</sup> University of Adelaide

10 Pulteney Street, The University of Adelaide, SA, 5005, Australia

<sup>c</sup> CAMA, Australian National University

J.G. Crawford Building 132, Lennox Crossing, ANU, Canberra, ACT, 0200, Australia

July 20, 2018

## Abstract

This paper introduces multiple correspondence analysis (MCA) to the literature on financial product choice. MCA is a useful way of assessing the typology of actual or potential consumers, which can then be used to assess the extent to which existing products cover consumer needs. Given the importance of the financial inclusion agenda, this provides a useful means of detecting areas of financial under-servicing. An illustration using bank mortgage data shows how some groups are well-served, but others suffer from mismatch between the characteristics of the available and desirable products.

*JEL classification:* G21, R20, D81,

*Keywords:* Multiple Correspondence Analysis, Cluster analysis, Mortgage choice

---

\*We acknowledge funding support from Australian Research Council grant DP120100842.

†Corresponding author contacts: Maria.Yanotti@utas.edu.au; Locked Bag 1317, Tasmanian School of Business and Economics, UTAS, Launceston, 7250, Tasmania, Australia; P: +61 3 6324 3659; F: +61 3 6324 3369. We acknowledge funding support from Australian Research Council grant DP120100842. We are grateful for comments by anonymous reviewers, and participants at AHRC 2015.

Download English Version:

<https://daneshyari.com/en/article/11004804>

Download Persian Version:

<https://daneshyari.com/article/11004804>

[Daneshyari.com](https://daneshyari.com)