

Handbook of Microsimulation Modelling: 293 (Contributions to Economic Analysis)

Cathal O'Donoghue


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before purchasing it in order to gauge whether or not it would be worth my time, and all praised Handbook of Microsimulation Modelling: 293 (Contributions to Economic Analysis):

Microsimulation Modelling involves the application of simulation methods to micro data for the purposes of

evaluating the effectiveness and improving the design of public policy. The field has existed for over 50 years and has been applied to many different policy areas and is a methodology that is applied within both government and academia. This handbook brings together leading authors in the field to describe and discuss the main current issues within the field. The handbook provides an overview of current developments across each of the sub-fields of microsimulation modelling such as tax-benefit, pensions, spatial, health, labour, consumption, transport and land use policy as well as macro-micro, environmental and demographic issues. It focuses also on the modelling different micro units such as households, firms and farms. Each chapter discusses its sub-field under the following headings: the main methodologies of the sub-field; survey the literature in the area; critique the literature; and propose future directions for research within the sub-field.

Economists and others from Europe, Australia, and North America offer 17 chapters on the applications and methodologies of microsimulation modeling for ex-ante analysis of population, behavioral, temporal and spatial, and policy complexity. They describe hypothetical models, static models, multi-country microsimulation, decomposing changes in income distribution, distributional change during development, and labor supply, consumption and indirect tax, macro-micro, dynamic, demographic, spatial, transportation, health, environmental, firm-level, and farm-level models. Distributed in North America by Turpin Distribution. --copy;2014 Ringgold Inc. Portland, OR (protonview.com)About the AuthorCathal O'Donoghue - Irish Agriculture and Food Development Authority, Republic of Ireland