

Economics models in agricultural policy formulation and assessment

Maynooth College, Department of Economics - A Generic Bio

Variable selection (2.2.1)	<ul style="list-style-type: none"> selecting variables on the basis of literature on income diversification and farm typologies
Factor analysis (2.2.1)	<ul style="list-style-type: none"> estimating the polychoric correlation matrix extracting factors by principal components method varimax rotation and determining the best simple structure determining a representative variable for each factor
Cluster analysis (2.2.2)	<ul style="list-style-type: none"> applying Gower's similarity coefficient as distance measure partitioning the sample by Ward's and k-medians cluster algorithms choosing the best solution by means of formal selection criteria and interpretability and assigning names to the resulting farm types
Frequency analysis (2.2.3)	<ul style="list-style-type: none"> determining the shares of households choosing each diversification strategy for each farm type comparing shares i.e. conditional probabilities to choose a strategy across farm types and scenario conditions

Description: -

- Agriculture -- Economic aspects -- Ireland -- Mathematical models. Economics models in agricultural policy formulation and assessment

- (Economic working papers series) (Maynooth College, Department of Economics) -- N23/11/90.

Papers / Maynooth College, Department of Economics -- N23/11/90 Economics models in agricultural policy formulation and assessment

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Tags: #Addressing #climate #change #adaptation #with #a #stochastic #integrated #assessment #model: #Analysis #of #common #agricultural #policy #measures

Agricultural policy monitoring and evaluation

There are several types of dynamic process gridded crop models: those developed from the site-based models such as DSSAT and APSIM; ecosystem-based models; and dynamic land-surface models. The FSSIM-GUI is web-based, which makes the application easily accessible for the research and user community and allows the application to keep track of its users.

Addressing climate change adaptation with a stochastic integrated assessment model: Analysis of common agricultural policy measures

For example, developed a model for pea—barley intercropping based on STICS that allows an inversion of dominance in height between species during the crop cycle and a trophic link between crop growth rate and the potential for N₂ fixation.

Agricultural policy monitoring and evaluation

The concluding article for this Special Issue explores an implementation strategy that could link a pre-competitive space for model development to a competitive space for knowledge product development.

Towards a new generation of agricultural system data, models and knowledge products: Design and improvement

The issue is now receiving more attention in climate research, but needs to receive more attention from the wider modeling development community.

Assessing farm innovations and responses to policies: A review of bio

FSSIM forms its own domain tier.

Political economy models and agricultural policy formation : empirical applicability and relevance for the CAP (Book, 1997)
[satis.farmjournal.com]

Climate Change 2007: Impacts, Adaptation and Vulnerability.

Political economy models and agricultural policy formation : empirical applicability and relevance for the CAP (Book, 1997)
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GAINS brings together data on economic development, the structure, control potential and costs of emission sources and the formation and dispersion of pollutants in the atmosphere. GSSE transfers do not directly alter producer receipts, costs or consumption expenditures.

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