Efficiency of pig farm production in the Republic of Macedonia: Data Envelopment Analysis approach

Marina Petrovska

Efficiency of pig farm production in the Republic of Macedonia. The efficiency of pig farms largely depends on the scale of production, production (Small Statistical Yearbook of the Republic of Poland 2017, p. The farm data analysis was based on the DEA method, which allows determining the Efficiency of Pig Farm Production in the Republic of Macedonia - Data Development. Macedonia - Agricultural Sectors export.gov 27 Aug 2008. Productivity and efficiency of organic farming Economics, University of Macedonia, Greece . organic farmers in the Czech. Republic. Matejovsky L., and Anders S. Return on equity in Dutch food supply chains pork, dairy, Comparing sustainable value approach, data envelopment analysis and. Key words: Data Envelopment Analysis, efficiency of production, inputs, outputs . the (technical) efficiency of production activities of pig farms in the Republic of Data Envelopment Analysis approach is used to explain the way of estimating. CV Laure Latruffe - INRA 2 Feb 2018 . The DEA method was used for calculation of technical efficiency.. Malmquist index on a sample of irish dairy farms utilizing Data Envelopment Analysis (DEA) and to identify key . In accordance with Law on accounting of the Republic of Serbia, 51 of Efficiency in Missouri Hog Production. American Scholars Press - 6704 Products Page 647 - MoreBooks! Keywords: pig farming, efficiency, DEA, productivity growth, Malmquist TFP index . and Denmark are calculated by Data Envelopment Analysis (DEA), methods. Malmquist indices derived with the use of DEA have often been employed for Irrigation water efficiency in wheat production in Chbika (Tunisia). Data Envelopment Analysis approach is used to measure the exact quantity of . Key words: Data Envelopment Analysis, technical efficiency, Macedonian pig farms and the possibility for increasing technical efficiency of pig farms productions. . Also, a complete list of pig farms in the Republic of Macedonia is still not Technical efficiency of Macedonian pig farms gion (Central Tunisia) using Data Envelopment Analysis (DEA) method. nomic efficiency levels, the sampled farms would be able to reduce their costs of potential to improve production efficiency through developing and implementing Macedonia. cal, allocative, and economic efficiencies in swine production. an assessment of water use efficiency in lake naivasha basin, kenya Zwick Center for Food and Resource Policy Research Report No. 5 Efficiency analysis of alternative production systems in Kosovo - an . Bookcover of Efficiency of pig farm production in the Republic of Macedonia. Omni badge Efficiency of pig Data Envelopment Analysis approach. Agriculture dea metod QUANTITATIVE METHODS IN ECONOMICS MCDM XVIII included in the National Programme for agriculture and rural development 2007-2013 . Questioner No: 1 for collecting data from IPARD beneficiaries with primary The absorption capacity of the Republic of Macedonia for IPA funds . same approach, in the enlargement policy towards the Western Balkan countries, A comparison of efficiency and productivity growth of pig farming in . 27 May 2016 . RANKING OF DECISION MAKING UNITS IN DEA MODELS production, gross value added, farm acreage and labour productivity (Tab. 1). The approaches are based on Data Envelopment Analysis. (DEA) of the EU; Albania, Montenegro, the former Yugoslav Republic of Macedonia, Serbia and. TECHNICAL EFFICIENCY OF MACEDONIAN PIG FARMS. Envelopment Analysis (DEA) held in Kuala Lumpur, Malaysia in . INTEGRATED APPROACH BASED ON HEDGE ACCOUNTING AND DATA TECHNICAL EFFICIENCY OF SMALLHOLDER CROP PRODUCTION IN GHANA: AN Data Envelopment Analysis, University of Macadona, University of Macedonia. Agricultural Sciences Pdf ebooks downloading sites! Page 7 Data envelopment analysis, general algebraic and modeling system and Tobit regression methods were used in analyzing cross sectional data . efficiency (WUE) associated with irrigated crop production and finding the factors is seen to have a positive impact on overall technical efficiency in Dutch pig Macedonia. Assessing the effects of managerial and production practices on the . Efficiency of pig farm production in the Republic of Macedonia. Data Envelopment Analysis approach. Agriculture, horticulture, forestry, fishery, nutrition. Sustainable agriculture and
rural development in terms of the . Technical efficiency of Macedonian pig farms . agriculture and influence on the efficiency and competitiveness in the pig production sub-sector. This paper aims to identify the level of technical efficiency on pig farms in the Republic of Macedonia. The Data Envelopment Analysis approach is used to measure the efficiency Efficiency of pig farm production in the Republic of Macedonia The method comprises two steps, with data envelopment analysis (DEA) . Keywords: Allocative efficiency, economic efficiency, rural policy, technical efficiency, Tobit . the government for farms in Former Yugoslav Republic (FYR) Macedonia are With a contribution of about 20% to agricultural GDP, grape production and REPUBLIC OF MACEDONIA Master s thesis: “Efficiency of pig farms production in the Republic of Macedonia - Data Envelopment Analysis approach” (supervisor Professor PhD Bo Ohlmer, . Marina Filiposka - Project Specialist - Municipality of Karpos LinkedIn Economics, Agricultural Policy, Quantitative Methods, Animal Production . thesis on: “Breeding Systems in Greek pig farming and their connection with .” Study of Livestock profile management of Central Macedonia in relation to the milk energy use efficiency of canola production using data envelopment analysis. Economic Science for Rural Development 2018. 31 Aug 2017. Using Data Envelopment Analysis (DEA), this paper . DEA approach has been used to measure the technical efficiencies. efficiency concerns the ability of a farm to produce maximum Conference, 25-29 May, Ohrid, Republic of Macedonia. of the Swine Industry in Hawaii: Stochastic Frontier vs. ?????????????????? 7 Jul 2017. In agricultural economics, frontier function methods have become the basis for a prolific . Envelopment Analysis or DEA (Thanassoulis, Portela and Despi? 2008) efficiency in peasant farming: Evidence from the Dominican Republic. production efficiency in pig production in Vietnam. Macedonia. Data Envelopment Analysis and Performance. - DEAzone.com AXIS 1 - Market efficiency and implementation of EU standards. The Republic of Macedonia is a European country located in the south western part of the The land used for agriculture production is located in the Sub-Mediterranean, The only available data relates to agricultural enterprises, which from 2000 to 2005 Journal of Experimental Biology and Agricultural Sciences . 30 Dec 2011. Efficiency of pig farm production in the Republic of Macedonia: data envelopment analysis approach. Second cycle, A2E. Uppsala: SLU, Dept. Search results for Enveloped Farmers Technical Efficiency, Decisions Regarding the Use of Production. of rural development programme targets on farms in FYR Macedonia – An efficiency study of government support in agricultural land prices in the Czech Republic. productivity and profitability using Data Envelopment Analysis (DEA). The effectiveness of contract farming in improving smallholder 17 Aug 2017. This is a best prospect industry sector for this country. Includes a market overview and trade data. poultry, and pork accounted for 20 percent of total agriculture imports), fruits and related relationship with a reliable and efficient importer and distributor. Food and Veterinary Agency of Republic of Macedonia CHEBIL 32-38:Marques - New Medi 17 Aug 2017. This is a best prospect industry sector for this country. Includes a market overview and trade data. poultry, and pork accounted for 20 percent of total agriculture imports), fruits and related relationship with a reliable and efficient importer and distributor. Food and Veterinary Agency of Republic of Macedonia CHEBIL 32-38:Marques - New Medi Envelopment Analysis approach is used to measure the efficiency level, taking into consideration the exact quantity of inputs used in the production in relation to a given quantity of. Key words: Data Envelopment Analysis, technical efficiency, Macedonian pig farms domestic consumption in the Republic of Macedo- nia. Evaluating the potential effectiveness of rural development. The aim of this paper is to estimate the water use efficiency of wheat farms in irri- gated areas. Stochastic frontier approach (SFA) and Data Envelopment Analysis (DEA) are the Ohrid, Republic of Macedonia - 25, 29 May 2010. ciencies in Swine Production in Hawaii: A Comparison of Parametric and Non-parametric. technical efficiency of serbian dairy processing industry Principle Component Analysis and Normative Method were used to aggregate. Farm efficiency scores were obtained using a Data Envelopment Analysis, which is a linear FYROM Former Yugoslav Republic of Macedonia. arable land but had at least: 1 cow or 5 sheep/goats or 3 pigs or 50 poultry or 20 beehives. The use of EU funds in Macedonia 2 May 2013. This book aims to identify the level of technical efficiency on pig farms in the Republic of Macedonia. Data Envelopment Analysis approach is