

INTERNATIONAL STUDIES IN ECONOMIC MODELLING 16

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Econometric Modelling of World Shipping

Michael Beenstock
and Andreas Vergottis



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Econometric Modelling Of World Shipping

Kevin Cullinane



Econometric Modelling Of World Shipping:

Econometric Modelling of World Shipping M. Beenstock, A. Vergottis, 1993-09-30 Econometric Modelling of World Shipping describes an economic model that may be used to forecast world shipping markets A unique feature of the model is that it relates to both sectors of world shipping the dry cargo sector and the tanker sector This is the first time that a model of this type has been published This book also breaks new ground in explaining the behaviour of vessel prices both new and secondhand

Current Issues in Shipping, Ports and Logistics Theo Notteboom, 2011 Bringing together an international network of leading scholars this multidisciplinary book unravels some of the most pressing challenges to shipping ports and logistics Divided into five parts shipping the analysis of flows and networks terminal operations and performance logistics and port development and governance this record is an essential read for practitioners in the maritime and logistics world postgraduate students policy makers and professional organizations As market players expand and improve their services in line with increased requirements on rates reliability environmental footprint and safety and security this compendium encourages further systematic thinking

Shipping Economics Kevin Cullinane, 2005-06-15 Shipping is by far the most significant mode of transportation for the carriage of freight In terms of volume alone no other mode comes close Its dominance is even more overwhelming when distances are accounted for This book is concerned with the economics of this pivotal mode of transportation It reveals that the influences on the development and current state of shipping economics research are extremely eclectic The various chapters in the book represent areas that are of central concern to ongoing research in the field As such the book is useful to students researchers industrialists policy makers and consultants The authors of the contributed chapters are some of the leading names in the world of shipping economics addressing a number of diverse areas The econometric modeling of shipping markets Shipping finance a critical issue in such a capital intensive industry Fiscal policy and its impact on an international industry with great asset mobility and Safety and security aspects that have risen to prominence with increasing concerns over the environment and international terrorism Ultimately while shipping as a business depends upon trade it is absolutely certain that the business of trade depends upon shipping The final two chapters therefore incorporate aspects of network economics welfare economics and international trade theory to analyze where and how shipping sits within the wider perspective of industrial supply chains

Professor Kevin Cullinane BA BSc MSc PhD FCILT CNIP Professor Kevin Cullinane is Chair in Marine Transport and Management at the University of Newcastle in the U K He was previously Professor and Head of the Department of Shipping and Transport Logistics at the Hong Kong Polytechnic University Head of the Centre for International Shipping and Transport at Plymouth University Senior Partner in his own transport consultancy company and Research Fellow at the University of Oxford Transport Studies Unit He is a Fellow of the Chartered Institute of Logistics and Transport and has been a transport adviser to the governments of Hong Kong Egypt Chile and the U K He holds visiting Professorships at a number of institutions and an Honorary

Professorship at the University of Hong Kong International Handbook of Maritime Economics Kevin Cullinane, 2011-01-01
This timely and comprehensive new Handbook brings together an unrivalled group of distinguished scholars and practitioners to provide in depth analysis and a contemporary perspective on a wide ranging array of topics in maritime economics Inherently global in nature the economics of the maritime sector has proved pivotal in facilitating globalization and international trade This Handbook offers a unique and indispensable source of reference and information for researchers students and practitioners interested in the relationship between these developments and maritime markets **Shipping Business Unwrapped** Okan Duru, 2018-09-05 The shipping business is a lesser known industry but it is an extremely influential element in the global economy This book provides a snapshot of the shipping business with micro foundations from the perspectives of institutional and behavioural economics while uncovering hidden facts about the industry Rather than spending a great deal of time reading many books or consulting costly advisors about fundamental issues readers can quickly and easily find core concepts examined from multiple perspectives They will certainly enjoy the engaging narrative driven content and learn many surprising truths about this fascinating business Maritime Economics 3e Martin Stopford, 2008-12-19 Combining a sophisticated historical and theoretical analysis of the shipping industry with a practical explanation of all aspects of the shipping industry this third edition is essential reading for students and professionals with an interest in this area **Tankers in Trouble** Stig Tenold, 2017-10-18 This book analyses the causes and effects of the shipping market crisis in the 1970s and 1980s the most severe of the twentieth century It approaches the subject from three viewpoints The first is the tanker sector where the crisis began spread and caused the most damage The second is from a national perspective focusing on the impact on Norwegian shipping and shipowners The third narrowed further in scope analyses the crisis from the business perspective of four individual tanker owners taking into account their business strategies and eventual fates The aim of the journal is to add to the knowledge of recent maritime history by examining the transformation of the industry during a period of rapid change One distinct conclusion is that shipowners to their detriment assumed that the demand for tankers would continue to increase as it had consistently done so throughout the century thus far The overall conclusion is that shipping is a cyclical industry and that the oversupply of ships produced during the 1970s took its toll toward the end of the century By 2004 and 2005 however the industry began to bounce back offering hope for the future The book consists of an introductory chapter seven chapters of analysis a concluding chapter select bibliography and three appendices tabling Norwegian tanker statistics **Maritime Economics** E. Karakitsos, L. Varnavides, 2014-06-24 This book analyses shipping markets and their interdependence This ground breaking text develops a new macroeconomic approach to maritime economics and provides the reader with a more comprehensive understanding of the way modern shipping markets function Economic Progress and Growth H.M. Scobie, 2013-03-07 This volume puts forward a group of models applied to different economies capturing the progress and growth of their economic systems The models provide a

quantified framework for the formulation of economic policy They aid the introduction of targets and policy instruments taking account of constraints in the process of development Also an evaluation of external and internal shocks is taken using a comparative static type of analysis The models take into account constraints which are in the nature of institutional as well as supply constraints Problems of data exist in any quantitative analysis and account was taken of this factor in presenting the models and the results reached Nonetheless the models attempt to specify estimate and simulate a given macroeconomic system Models of this type are not freely available to the interested reader but only in a fragmented way This book puts the efforts of a group of economists worldwide under one cover It is believed that the collection will be of interest both for courses in planning and for those advising these countries such as international organizations research bodies etc Moreover an overview of trade policy and income distributional factors is presented It is hoped that this collection will prove interesting and useful to economists world wide

Dynamic Modelling Alisson Brito, 2010-01-01 When talking about modelling it is natural to talk about simulation Simulation is the imitation of the operation of a real world process or systems over time The objective is to generate a history of the model and the observation of that history helps us understand how the real world system works not necessarily involving the real world into this process A system or process model takes the form of a set of assumptions concerning its operation In a model mathematical and logical assumptions are considered and entities and their relationship are delimited The objective of a model and its respective simulation is to answer a vast number of what if questions Some questions answered in this book are What if the power distribution system does not work as expected What if the produced ships were not able to transport all the demanded containers through the Yangtze River in China And what if an installed wind farm does not produce the expected amount of energyt Answering these questions without a dynamic simulation model could be extremely expensive or even impossible in some cases and this book aims to present possible solutions to these problems

The Handbook of Maritime Economics and Business Costas Grammenos, 2013-07-04 This book is the founding title in the Grammenos Library The diversity of the subjects covered is unique and the results of research developed over many years are not only comprehensive but also have important implications on real life issues in maritime business The new edition covers a vast number of topics including Shipping Economics and Maritime Nexus International Seaborne Trade Economics of Shipping Market and Shipping Cycles Economics of Shipping Sectors Issues in Liner Shipping Economics of Maritime Safety and Seafaring Labour Market National and International Shipping Policies Aspects of Shipping Management and Operations Shipping Investment and Finance Port Economics and Management Aspects of International Logistics

Modelling and Forecasting in Dry Bulk Shipping Shun Chen, Hilde Meersman, Eddy Van de Voorde, Koos Frouws, 2014-04-24 This book models price behaviour and forecasts prices in the dry bulk shipping market a major component of the world shipping industry Recent uncertainties in the world economy shipbuilding developments and fleet changes mean the dry bulk shipping market has become extremely volatile highly speculative and more sensitive to

external shocks In response to these challenging circumstances this book models price behaviour and forecasts prices in various markets including the freight market the new build ship market and the second hand ship market The authors have carried out an extensive investigation of dry bulk shipping over a 60 year period in diverse sub markets trading routes market conditions and dry bulk vessels The authors also propose a framework for analysing and modelling the economic processes of numerous variables in the dry bulk shipping market making use of modern econometric techniques and other economic approaches This will be especially useful for the control and assessment of risk for ship owners and charterers in ship operation ship chartering and ship trading activities This book will be extremely useful for shipbuilders owners and charterers as well as shipping analysts and policymakers It will also be of great interest to academics and researchers concerned with the economics of the shipping industry

The Blackwell Companion to Maritime Economics Wayne K. Talley, 2012-02-13 Maritime Economics The Blackwell Companion to Maritime Economics presents a comprehensive and in depth coverage of shipping and port economics Featuring contributions from the most respected international specialists in the field this reference offers up to date insights into maritime carriers and their markets e g freight intermodal and passenger shipping economics e g dry bulk liquid bulk container regulation taxation seafaring safety and piracy ship economics e g equity bond and hedging ship finance and port economics e g governance labor competition efficiency choice investment clusters inspection and security In addition to providing a comprehensive survey of the literature on past and current practices on a wide range of maritime topics new empirical research on safety and piracy in shipping ship finance and container terminal efficiency is presented as well as original theories for maritime carriers and ports that provide greater insights into their operations With its unprecedented breadth of coverage and range of scholarship The Blackwell Companion to Maritime Economics represents the new standard resource for any and all topics related to maritime economics

A Select Bibliography of British and Irish University Theses about Maritime History, 1792-1990 David M. Williams, Andrew P. White, 2017-10-18 This book provides a bibliography of a wide scope of British and Irish post graduate theses of maritime economic and social history Its intent is to make these informative under utilised texts more accessible for scholars in response to the deep expansion of subject as a historical discipline It aims to keep these texts often unpublished from lapsing into obscurity The author takes a broad approach to the subject area including strands more particular to science than the humanities and history as recent as the year of publication intending the resource to be as comprehensive as possible and of maximum use to present and future scholars The material is primarily gathered and cross referenced from Roger R Bilboul s Restrospective Index to Theses of Great Britain and Ireland 1716 1950 the ASLIB Index and the Institute of Historical Research of the University of London Each entry comprises Surname Thesis Title truncated for length where necessary Degree Awarded Awarding Institution and Date The database comprises 2500 entries subdivided into twenty five sections concerning the shipping business and all commercial mercantile aspects of operation exploration cartography and

navigation shipping and shipbuilding technologies docks and harbours maritime labour maritime medical issues naval history piracy privateering international relations maritime law pollution and the maritime environment fishing sea port communities culture literature and art maritime economics marine architecture coastal planning tourism and off shore oil The sections are further subdivided by location and a geographical index is included for ease of reference The author assures that the majority of theses are readily accessible

Advances In Maritime Logistics And Supply Chain Systems Ek Peng Chew, Loo Hay Lee, Loon Ching Tang, 2011-08-10 This timely book discusses the recent developments in maritime logistics an important specialized area for the global economy It includes issues such as the recent economic crisis port competition and development and provides insights and trends relating to these issues Consisting of renowned researchers worldwide the primary objective of the book identifies some of the new problems and challenges faced and innovative solutions to address these problems

The Applied Economics of Transport Mark Taylor, 2014-07-16 This book provides an introduction and overview to nine applied financial studies on the theme of transport The studies cover a wide range of topics from value based trading of real assets in shipping to the determinants of efficiency and productivity in European railways to the market for used cars The studies employ a variety of applied techniques across a range of countries analysing a range of different modes of transport This book was originally published as a special issue of Applied Economics

Financial History of Shipping Cycles Andreas Vergottis, 2025-02-21 This book presents the financial performance of shipping industry since 1896 and how fortunes were made and lost through the market cycles In addition to profitability of the maritime industry the book looks at the underlying causes that moved the shipping market such as trade growth and supply influx By reading the maritime press of the time we can track how views were shaped as events unfolded and thus evaluate where and when industry players got their speculative act right or wrong or badly wrong The natural audience of the book includes maritime economists economic historians and behavioural finance members of academia Being simple in presentation the book will also appeal to practitioners of the maritime industry such as shipowners charterers shipping financiers shipbrokers shipbuilders and others Finally the book will also appeal to financial investors outside shipping as a prime example of a speculative industry where ships are being bought and sold on speculation of future profits and resale gains

IBSS: Economics: 1993 Vol 42, 1994 This bibliography lists the most important works published in economics in 1993 Renowned for its international coverage and rigorous selection procedures the IBSS provides researchers and librarians with the most comprehensive and scholarly bibliographic service available in the social sciences The IBSS is compiled by the British Library of Political and Economic Science at the London School of Economics one of the world's leading social science institutions Published annually the IBSS is available in four subject areas anthropology economics political science and sociology

Handbook of International Trade and Transportation Bruce A. Blonigen, Wesley W. Wilson, 2018-01-26 International trade has grown rapidly over the past half century accommodated by the transportation industry through concomitant

growth and technological change But while the connection between transport and trade flows is clear the academic literature often looks at these two issues separately This Handbook is unique in pulling together the key insights of each field while highlighting what we know about their intersection and ideas for future research in this relatively unexamined but growing area of study

Oil Transport Management Y.H. Venus Lun, Olli-Pekka Hilmola, Alexander M. Goulielmos, Kee-hung Lai, T.C. Edwin Cheng, 2012-07-25 The first volume in a new Springer Series on Shipping and Transport Logistics *Oil Transport Management* provides a full historical account of the evolution of the oil transport industry since the 1800 s In this comprehensive guide the authors investigate the industry and describe the shipping market and its structure as well as forecasting location plan and the transportation chain They dedicate a separate chapter to each topic to cover various concepts including an introduction to the tanker shipping market including how the freight new vessel building second hand and demolition markets influence one another the economic structure and organization of the tanker industry in both the past and present and forecasting the need for oil based sea transportation Further chapters present case studies and simulations to illustrate the importance of factory location decisions and the need for oil infrastructure investments Chapter One also includes a regression equation to predict the fleet size in tanker shipping *Oil Transport Management* is a key reference which can be practically applied to wider global research and practices Ideal for both industry practitioners and researchers and students of shipping studies *Oil Transport Management* provides a concise yet comprehensive coverage of the oil transport industry s history and a guide for its future development

Embracing the Song of Phrase: An Psychological Symphony within **Econometric Modelling Of World Shipping**

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