

1. Record Nr.	UNINA9910957244003321
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Titolo	Econometrics, statistics, and computational approaches in food and health sciences // Alok Bhargava
Pubbl/distr/stampa	New Jersey ; ; Singapore, : World Scientific, c2006
ISBN	9786611373207 9781281373205 1281373206 9789812773319 9812773312
Edizione	[1st ed.]
Descrizione fisica	1 online resource (418 p.)
Disciplina	338.4/33621
Soggetti	Nutrition - Econometric models Medical economics - Statistical methods Econometrics - Health aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	I. Methodological contributions. 1. Estimating dynamic random effects models from panel data covering short time periods / Alok Bhargava and J.D. Sargan. 2. Wald tests and systems of stochastic equations / Alok Bhargava. 3. Identification and panel data models with endogenous regressors / Alok Bhargava. 4. Serial correlation and the fixed effects model / Alok Bhargava, L. Franzini and W. Narendranathan -- II. Food Intakes, health and productivity in developing countries. 5. Estimating short and long run income elasticities of foods and nutrients for rural south India / Alok Bhargava. 6. Does household consumption behave as a martingale? A test for rural south India / Alok Bhargava and Martin Ravallion. 7. Dietary intakes and socioeconomic factors are associated with the hemoglobin concentration of Bangladeshi women / Alok Bhargava, Howarth E. Bouis, Nevin S. Scrimshaw. 8. Malnutrition and the role of individual variation with evidence from India and the Philippines / Alok Bhargava. 9. Nutritional status and the allocation of time in Rwandese households / Alok Bhargava. 10. Requirements for what? Is the measurement of energy expenditure a sufficient estimate

of energy needs? / Alok Bhargava and Peter J. Reeds -- III. Child health and cognitive development in developing countries. 11. Modelling the health of Filipino children / Alok Bhargava. 12. Modelling the effects of nutritional and socioeconomic factors on the growth and morbidity of Kenyan school children / Alok Bhargava. 13. Coliforms in the water and hemoglobin concentration are predictors of gastrointestinal morbidity of Bangladeshi children ages 1-10 years / Alok Bhargava ... [et al.]. 14. Modeling the effects of maternal nutritional status and socioeconomic variables on the anthropometric and psychological indicators of Kenyan infants from age 0-6 months / Alok Bhargava. 15. A dynamic model for the cognitive development of Kenyan schoolchildren / Alok Bhargava. 16. Anthelmintic treatment improves the hemoglobin and serum ferritin concentration of Tanzanian schoolchildren / Alok Bhargava ... [et al.]. 17. Modeling the effects of health status and the educational infrastructure on the cognitive development of Tanzanian schoolchildren / Alok Bhargava ... [et al.]. 18. AIDS epidemic and the psychological well-being and school participation of Ethiopian orphans / Alok Bhargava -- IV. Population health and economic growth. 19. Stochastic specification and the international GDP series / Alok Bhargava. 20. Modeling the effects of health on economic growth / Alok Bhargava ... [et al.]. -- V. Economic demography. 21. A longitudinal analysis of infant and child mortality rates in developing countries / Alok Bhargava and Jiang Yu. 22. Family planning, gender differences and infant mortality : evidence from Uttar Pradesh, India / Alok Bhargava. 23. Healthcare infrastructure, contraceptive use and infant mortality in Uttar Pradesh, India / Alok Bhargava, Sadia Chowdhury, K.K. Singh -- VI. Behavior, diet and obesity in developed countries. 24. Estimating the variations and autocorrelations in dietary intakes on weekdays and weekends / Alok Bhargava ... [et al.]. 25. Behavioral variables and education are predictors of dietary change in the women's health trial : feasibility study in minority populations / Alok Bhargava, Jennifer Hays. 26. Socio-economic and behavioural factors are predictors of food use in the national food stamp program survey / Alok Bhargava. 27. Unhealthy eating habits, physical exercise and macronutrient intakes are predictors of anthropometric indicators in the women's health trial : feasibility study in minority populations / Alok Bhargava, Joanne F. Guthrie.

Sommario/riassunto

This book is a compendium of Alok Bhargava's most important contributions in longitudinal econometric methods and its application to problems of food, nutrition and health. It demonstrates the usefulness of rigorous econometric and statistical methods in addressing issues of under-nutrition and poor child health in developing countries, as well as obesity in developed countries. The close connection between the issues and themes analyzed in disciplines such as economics, nutrition, psychology, demography, epidemiology and public health, provides a sound basis for the formulation of public policies.
