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Titolo	Statistical tools for program evaluation : methods and applications to economic policy, public health, and education // Jean-Michel Josselin, Benoit Le Maux
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ISBN	3-319-52827-0
Descrizione fisica	1 online resource : illustrations (some color)
Disciplina	336
Soggetti	Evaluation research (Social action programs) - Statistical methods Economic policy - Evaluation - Statistical methods Public health - Evaluation - Statistical methods Educational evaluation - Statistical methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Statistical Tools for Program Evaluation: introduction and overview -- Part I: Identifying the context of the program. Description of problems and needs, assessment of relationships among variables -- Sampling and construction of variables -- Descriptive statistics and interval estimation -- Measuring and visualizing associations -- Econometric analysis -- Estimation of welfare changes -- Part II: Ex ante evaluation. Assessment of different policy strategies that might solve the problems -- Financial appraisal -- Budget impact analysis -- Cost benefit analysis -- Cost effectiveness analysis -- Multi-criteria decision analysis -- Part III: Ex post evaluation. Assessment of the effects of a strategy after its implementation -- Follow-up by benchmarking -- Randomized controlled experiments -- Quasi-experiments.
Sommario/riassunto	This book provides a self-contained presentation of the statistical tools required for evaluating public programs, as advocated by many governments, the World Bank, the European Union, and the Organization for Economic Cooperation and Development. After introducing the methodological framework of program evaluation, the first chapters are devoted to the collection, elementary description and multivariate analysis of data as well as the estimation of welfare

changes. The book then successively presents the tools of ex-ante methods (financial analysis, budget planning, cost-benefit, cost-effectiveness and multi-criteria evaluation) and ex-post methods (benchmarking, experimental and quasi-experimental evaluation). The step-by-step approach and the systematic use of numerical illustrations equip readers to handle the statistics of program evaluation. It not only offers practitioners from public administrations, consultancy firms and nongovernmental organizations the basic tools and advanced techniques used in program assessment, it is also suitable for executive management training, upper undergraduate and graduate courses, as well as for self-study.
