

Springer

1st  
edition1st ed. 2020, VIII, 106 p. 1  
illus.**Printed book**

Softcover

**Printed book**

Softcover

ISBN 978-3-030-38731-0

\$ 59,99

Available

**Discount group**

Professional Books (2)

**Product category**

Brief

**Series**

SpringerBriefs in Business

**Other renditions**

Softcover

ISBN 978-3-030-38733-4

Business and Management : Operation Research/Decision Theory

Dyckhoff, Harald, Souren, Rainer

# Performance Evaluation

## Foundations and Challenges

- Combines decision-making and production theory to better understand the premises, potentials and limitations of traditional performance measurement methods
- Illustrates the principal ideas and mechanisms of performance evaluation
- Demonstrates (eco-)efficiency measurement using data envelopment analysis (DEA) and life cycle assessment (LCA)
- Offers guidance on how to apply data envelopment analysis and on how to avoid common pitfalls

This book examines performance evaluation in the context of assessing the non-financial outcomes of human activities. The topic is particularly relevant when economic, environmental or social performance has to be evaluated, e.g. the efficiency of actions and the lifecycles of products. The authors combine multi-criteria decision-making and production theories to develop a theoretical and methodological foundation for performance evaluation. They also demonstrate the typical pitfalls that are hindering the implementation of contemporary methods in practice. Special emphasis is placed on efficiency measurement with data envelopment analysis (DEA), and on data aggregation in life cycle assessment (LCA).

Order online at [springer.com/book sellers](https://www.springer.com/book sellers)

Springer Nature Customer Service Center LLC

233 Spring Street

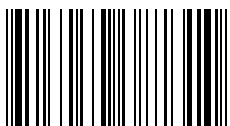
New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com



ISBN 978-3-030-38731-0 / BIC: KJT / SPRINGER NATURE: SC521000

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**