

1. Record Nr.	UNINA9910346742203321
Autore	Edward Broughton
Titolo	Continuous Quality Improvement - Advancing Understanding of Design, Application, Impact and Evaluation of CQI Approaches
Pubbl/distr/stampa	Frontiers Media SA, 2017
Descrizione fisica	1 online resource (100 p.)
Collana	Frontiers Research Topics
Soggetti	Botany & plant sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Continuous Quality Improvement (CQI) methods are increasingly widely used to bridge the gaps between the evidence base for best clinical practice, what actually happens in practice, and the achievement of better population health outcomes. Among a range of quality improvement strategies, CQI methods are characterised by iterative and ongoing use of specific processes to identify quality problems, develop solutions, and implement and evaluate changes. The application of CQI processes in health is evolving and evidence of their success continues to emerge. There is, however, a need to enhance understanding of how best to implement, scale-up and evaluate CQI programs for the purpose of improving quality of care and population health outcomes in different contexts. This research topic aims to attract articles that add to knowledge of useful approaches to tailoring CQI methods for different contexts or purposes, and for implementation, scale-up and evaluation of CQI interventions/programs.</p>

2. Record Nr.	UNINA9910861093703321
Autore	Mladenovic Pavle
Titolo	Extreme Values In Random Sequences // by Pavle Mladenovi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-57412-5
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (287 pages)
Collana	Springer Series in Operations Research and Financial Engineering, , 2197-1773
Disciplina	519
Soggetti	Probabilities Stochastic processes Stochastic analysis Applied Probability Stochastic Processes Stochastic Analysis Teoria de valors extrems Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Regularly Varying Functions -- Basic Results of Extreme Value Theory -- Time Series and Missing Observations -- Combinatorial Problems and Extreme Values -- Bibliography -- Index.
Sommario/riassunto	The main subject is the probabilistic extreme value theory. The purpose is to present recent results related to limiting distributions of maxima in incomplete samples from stationary sequences, and results related to extremal properties of different combinatorial configurations. The necessary contents related to regularly varying functions and basic results of extreme value theory are included in the first two chapters with examples, exercises and supplements. The motivation for consideration maxima in incomplete samples arises from the fact that real data are often incomplete. A sequence of observed random variables from a stationary sequence is also stationary only in very special cases. Hence, the results provided in the third chapter are also related to non-stationary sequences. The proof of theorems related to joint limiting distribution of maxima in complete and incomplete

samples requires a non-trivial combination of combinatorics and point process theory. Chapter four provides results on the asymptotic behavior of the extremal characteristics of random permutations, the coupon collector's problem, the polynomial scheme, random trees and random forests, random partitions of finite sets, and the geometric properties of samples of random vectors. The topics presented here provide insight into the natural connections between probability theory and algebra, combinatorics, graph theory and combinatorial geometry. The contents of the book may be useful for graduate students and researchers who are interested in probabilistic extreme value theory and its applications.

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