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Probabilistic Programming

DOI: 10.1016/s0927-0507(03)10005-9 Handbooks in Operations Research and Management Science, 2003, , 267-351.

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119	Probabilistically constrained models for efficiency and dominance in DEA. 2009, 117, 219-228		48
118	MIP reformulations of the probabilistic set covering problem. <i>Mathematical Programming</i> , 2010 , 121, 1-31	2.1	39
117	Solving chance-constrained combinatorial problems to optimality. <i>Computational Optimization and Applications</i> , 2010 , 45, 607-638	1.4	7
116	IIS branch-and-cut for joint chance-constrained stochastic programs and application to optimal vaccine allocation. <i>European Journal of Operational Research</i> , 2010 , 207, 290-296	5.6	40
115	Pattern-Based Modeling and Solution of Probabilistically Constrained Optimization Problems. <i>SSRN Electronic Journal</i> , 2010 ,	1	2
114	Evacuation Network Modeling via Dynamic Traffic Assignment with Probabilistic Demand and Capacity Constraints. 2010 , 2196, 11-20		41
113	Staffing Call Centers with Uncertain Demand Forecasts: A Chance-Constrained Optimization Approach. <i>Management Science</i> , 2010 , 56, 1093-1115	3.9	63
112	Scalable Heuristics for a Class of Chance-Constrained Stochastic Programs. <i>INFORMS Journal on Computing</i> , 2010 , 22, 543-554	2.4	12

111	Risk-Averse Portfolio Optimization via Stochastic Dominance Constraints. 2010 , 247-258	2
110	Random convex programs part 2. 2010 ,	1
109	Fleet Management for Vehicle Sharing Operations. 2011 , 45, 524-540	199
108	Chance-Constrained Optimal Path Planning With Obstacles. 2011 , 27, 1080-1094	138
107	FAST: an algorithm for the scenario approach with reduced sample complexity. 2011 , 44, 9236-9241	2
106	A Sampling-and-Discarding Approach to Chance-Constrained Optimization: Feasibility and Optimality. 2011 , 148, 257-280	207
105	Sequential Convex Approximations to Joint Chance Constrained Programs: A Monte Carlo Approach. 2011 , 59, 617-630	109
104	A Multiproduct Risk-Averse Newsvendor with Law-Invariant Coherent Measures of Risk. 2011 , 59, 346-364	75
103	A randomized approach to Stochastic Model Predictive Control. 2012,	34
102	Pattern-Based Modeling and Solution of Probabilistically Constrained Optimization Problems. 2012 , 60, 1356-1372	45
101	A Gradient Formula for Linear Chance Constraints Under Gaussian Distribution. 2012, 37, 475-488	33
100	Pattern definition of the p-efficiency concept. 2012 , 200, 23-36	28
99	Robustness in stochastic programs with risk constraints. 2012 , 200, 55-74	35
98	Cover inequalities for robust knapsack setsApplication to the robust bandwidth packing problem. 2012 , 59, 59-72	18
97	Approximation and contamination bounds for probabilistic programs. 2012 , 193, 3-19	16
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95	A linear programming approach for linear programs with probabilistic constraints. <i>European Journal of Operational Research</i> , 2013 , 230, 487-494	9
94	Probabilistic modeling of multiperiod service levels. <i>European Journal of Operational Research</i> , 2013 , 230, 299-312	6

93	Log-concavity of compound distributions with applications in stochastic optimization. 2013 , 161, 3017-3	3027	8
92	AN IMPROVED CONVEX 0-1 QUADRATIC PROGRAM REFORMULATION FOR CHANCE-CONSTRAINED QUADRATIC KNAPSACK PROBLEMS. 2013 , 30, 1340009		2
91	. 2013 , 33, 36-51		51
90	A smooth Monte Carlo approach to joint chance-constrained programs. 2013 , 45, 716-735		17
89	Decomposition approaches for block-structured chance-constrained programs with application to hydro-thermal unit commitment. 2014 , 80, 227-253		14
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87	Conditional Value-at-Risk Approximation to Value-at-Risk Constrained Programs: A Remedy via Monte Carlo. <i>INFORMS Journal on Computing</i> , 2014 , 26, 385-400	2.4	8
86	A split-bernstein approach to chance constrained programs. 2014 ,		1
85	Model reduction of switched affine systems. 2014 ,		4
84	Empirical cost distribution: A scenario approach to the construction of probability boxes with application to channel equalization. 2014 ,		О
83	Threshold Boolean form for joint probabilistic constraints with random technology matrix. <i>Mathematical Programming</i> , 2014 , 147, 391-427	2.1	25
82	FASTEast Algorithm for the Scenario Technique. 2014 , 62, 662-671		26
81	Level bundle methods for constrained convex optimization with various oracles. <i>Computational Optimization and Applications</i> , 2014 , 57, 555-597	1.4	40
80	A Branch-and-Cut Method for Dynamic Decision Making Under Joint Chance Constraints. <i>Management Science</i> , 2014 , 60, 1317-1333	3.9	25
79	Risk-control approach for bottleneck transportation problem with randomness and fuzziness. 2014 , 60, 663-678		1
78	Robustness of optimal portfolios under risk and stochastic dominance constraints. <i>European Journal of Operational Research</i> , 2014 , 234, 434-441	5.6	33
77	A randomized approach to space debris footprint characterization. 2014 , 47, 6895-6900		2
76	Positioning Inventory in Clinical Trial Supply Chains. 2015 , 24, 991-1011		17

75	Augmented Lagrangian method within L-shaped method for stochastic linear programs. 2015, 266, 12-2	0	1
74	Stochastic Semidefinite Optimization Using Sampling Methods. <i>Communications in Computer and Information Science</i> , 2015 , 93-103	0.3	
73	Single Commodity Stochastic Network Design Under Probabilistic Constraint with Discrete Random Variables. 2015 , 63, 1512-1527		1
72	Large-scale Unit Commitment under uncertainty. 2015 , 13, 115-171		93
71	Probabilistic constraints via SQP solver: application to a renewable energy management problem. 2015 , 12, 435-459		16
70	Chance Constrained Selection of the Best. INFORMS Journal on Computing, 2015, 27, 317-334	2.4	12
69	Eventual convexity of chance constrained feasible sets. 2015 , 64, 1263-1284		16
68	Energy management of a building cooling system with thermal storage: a randomized solution with feedforward disturbance compensation. 2016 ,		6
67	Repetitive Scenario Design. 2016 ,		
66	Convergence analysis on a smoothing approach to joint chance constrained programs. 2016 , 65, 2171-21	193	1
66 65	Convergence analysis on a smoothing approach to joint chance constrained programs. 2016 , 65, 2171-21 Approximating data-driven joint chance-constrained programs via uncertainty set construction. 2016 ,	193	2
	Approximating data-driven joint chance-constrained programs via uncertainty set construction. 2016, The Minimum Spanningk-Core Problem with Bounded CVaR Under Probabilistic Edge Failures.	2.4	
65	Approximating data-driven joint chance-constrained programs via uncertainty set construction. 2016 , The Minimum Spanningk-Core Problem with Bounded CVaR Under Probabilistic Edge Failures.		2
65 64	Approximating data-driven joint chance-constrained programs via uncertainty set construction. 2016, The Minimum Spanningk-Core Problem with Bounded CVaR Under Probabilistic Edge Failures. INFORMS Journal on Computing, 2016, 28, 295-307 Solving Chance-Constrained Optimization Problems with Stochastic Quadratic Inequalities. 2016, 64, 939-957 Chance-constrained problems and rare events: an importance sampling approach. Mathematical		2
65 64 63	Approximating data-driven joint chance-constrained programs via uncertainty set construction. 2016, The Minimum Spanningk-Core Problem with Bounded CVaR Under Probabilistic Edge Failures. INFORMS Journal on Computing, 2016, 28, 295-307 Solving Chance-Constrained Optimization Problems with Stochastic Quadratic Inequalities. 2016, 64, 939-957 Chance-constrained problems and rare events: an importance sampling approach. Mathematical	2.4	2 4 37
65 64 63 62	Approximating data-driven joint chance-constrained programs via uncertainty set construction. 2016, The Minimum Spanningk-Core Problem with Bounded CVaR Under Probabilistic Edge Failures. INFORMS Journal on Computing, 2016, 28, 295-307 Solving Chance-Constrained Optimization Problems with Stochastic Quadratic Inequalities. 2016, 64, 939-957 Chance-constrained problems and rare events: an importance sampling approach. Mathematical Programming, 2016, 157, 153-189 A purely proactive scheduling procedure for the resource-constrained project scheduling problem	2.4	2 4 37 22
65 64 63 62 61	Approximating data-driven joint chance-constrained programs via uncertainty set construction. 2016, The Minimum Spanningk-Core Problem with Bounded CVaR Under Probabilistic Edge Failures. INFORMS Journal on Computing, 2016, 28, 295-307 Solving Chance-Constrained Optimization Problems with Stochastic Quadratic Inequalities. 2016, 64, 939-957 Chance-constrained problems and rare events: an importance sampling approach. Mathematical Programming, 2016, 157, 153-189 A purely proactive scheduling procedure for the resource-constrained project scheduling problem with stochastic activity durations. 2016, 19, 409-428 Multi-usage hydropower single dam management: chance-constrained optimization and stochastic	2.4	2 4 37 22 66

57	. 2017 , 62, 1125-1137		13
56	Multi-aircraft Conflict Detection and Resolution Based on Probabilistic Reach Sets. 2017 , 25, 309-316		29
55	Extreme value estimation for a function of a random sample using binomial moments scheme and Boolean functions of events. 2017 , 219, 210-218		3
54	Cell-and-bound algorithm for chance constrained programs with discrete distributions. <i>European Journal of Operational Research</i> , 2017 , 260, 421-431	5.6	4
53	Multisourcing Supply Network Design: Two-Stage Chance-Constrained Model, Tractable Approximations, and Computational Results. <i>INFORMS Journal on Computing</i> , 2017 , 29, 287-300	2.4	6
52	Improved handling of uncertainty and robustness in set covering problems. <i>European Journal of Operational Research</i> , 2017 , 263, 35-49	5.6	12
51	A Randomized Approach to Probabilistic Footprint Estimation of a Space Debris Uncontrolled Reentry. 2017 , 18, 2657-2666		5
50	Managing Reliability and Stability Risks in Forest Harvesting. 2017 , 19, 620-638		8
49	Flow-based formulations for operational fixed interval scheduling problems with random delays. 2017 , 14, 161-177		1
48	Representation of Chance-Constraints With Strong Asymptotic Guarantees. 2017 , 1, 50-55		5
47	Some results on optimal control of stochastic systems with state chance constraints. 2017,		
46	Sample Average Approximation. 2017 , 75-84		
45	Risk-Sensitive Stochastic Orienteering Problems for Trip Optimization in Urban Environments. 2018 , 9, 1-25		3
44	(Sub-)Differentiability of Probability Functions with Elliptical Distributions. <i>Set-Valued and Variational Analysis</i> , 2018 , 26, 887-910	1	14
43	A chance-constrained two-stage stochastic programming model for humanitarian relief network design. <i>Transportation Research Part B: Methodological</i> , 2018 , 108, 55-83	7.2	56
42	Distribution Locational Marginal Pricing for Optimal Electric Vehicle Charging Through Chance Constrained Mixed-Integer Programming. 2018 , 9, 644-654		71
41	Chance-Constrained Programming with Decision-Dependent Uncertainty. SSRN Electronic Journal, 2018 ,	1	1

39 Probabilistic Constrained Approach for Clustering in Multi-Cell Wireless Networks. **2018**,

38	Risk-Averse Stochastic Modeling and Optimization. 2018, 221-254		4
37	Solving chance constrained optimal control problems in aerospace via kernel density estimation. 2018 , 39, 1833-1858		9
36	Relaxations for probabilistically constrained stochastic programming problems: review and extensions. 2018 , 1		5
35	An Exact Solution Method for the Hydrothermal Unit Commitment Under Wind Power Uncertainty With Joint Probability Constraints. 2018 , 33, 6487-6500		17
34	Optimized Bonferroni approximations of distributionally robust joint chance constraints. Mathematical Programming, 2019, 1	2.1	10
33	Validating Optimization with Uncertain Constraints. 2019,		
32	Probabilistic Programming and Big Data. 2019 ,		
31	On intersection of two mixing sets with applications to joint chance-constrained programs. <i>Mathematical Programming</i> , 2019 , 175, 29-68	2.1	8
30	A Discussion of Probability Functions and Constraints from a Variational Perspective. <i>Set-Valued and Variational Analysis</i> , 2020 , 28, 585-609	1	8
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28	An Augmented Lagrangian Decomposition Method for Chance-Constrained Optimization Problems. <i>INFORMS Journal on Computing</i> , 2020 ,	2.4	1
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22	Stochastic mathematical programs with probabilistic complementarity constraints: SAA and distributionally robust approaches. <i>Computational Optimization and Applications</i> , 2021 , 80, 153-184	1.4	

21	Derivatives of Probability Functions: Unions of Polyhedra and Elliptical Distributions. <i>Set-Valued and Variational Analysis</i> , 1	1	2
20	Gradient formulae for probability functions depending on a heterogenous family of constraints. Open Journal of Mathematical Optimization, 2, 1-29		1
19	Bounds for Probabilistic Programming with Application to a Blend Planning Problem. <i>European Journal of Operational Research</i> , 2021 ,	5.6	1
18	Chance constrained unit commitment approximation under stochastic wind energy. <i>Computers and Operations Research</i> , 2021 , 134, 105398	4.6	1
17	Risk-Averse Portfolio Optimization via Stochastic Dominance Constraints. 2015, 2281-2302		4
16	Portfolio Optimization with Risk Control by Stochastic Dominance Constraints. <i>Profiles in Operations Research</i> , 2010 , 189-211	1	
15	A Provisioning Problem with Stochastic Payments. SSRN Electronic Journal,	1	
14	Robustness Analysis of Stochastic Programs with Joint Probabilistic Constraints. <i>International Federation for Information Processing</i> , 2013 , 155-164		
13	Comparison of Stochastic Programming Approaches for Staffing and Scheduling Call Centers with Uncertain Demand Forecasts. <i>Communications in Computer and Information Science</i> , 2015 , 140-156	0.3	
12	Option Portfolio Management in a Risk-Neutral World. Journal of Mathematical Finance, 2018 , 08, 710	-73333	
11	Learning-Based Robust Optimization: Procedures and Statistical Guarantees. Management Science,	3.9	3
10	Generalized Differentiation of Probability Functions: Parameter Dependent Sets Given by Intersections of Convex Sets and Complements of Convex Sets. <i>Applied Mathematics and Optimization</i> , 2022 , 85, 1-39	1.5	1
9	Vessel deployment with limited information: Distributionally robust chance constrained models. <i>Transportation Research Part B: Methodological</i> , 2022 , 161, 197-217	7.2	О
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6	Chance constrained programs with Gaussian mixture models. IISE Transactions, 1-14	3.3	O
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