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## Measuring the efficiency of decision making units

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#	Paper	IF	Citations
2207	Aggregating Preference Rankings. <b>2005</b> , 311-328		
2206	References. 219-232		
2205	Measuring the efficiency of decision-making units. <i>European Journal of Operational Research</i> , <b>1979</b> , 3, 339	5.6	466
2204	Optimal bus scheduling and fleet selection: A programming approach. <b>1980</b> , 7, 225-237		7
2203	A game theoretic approach to measuring efficiency. <i>European Journal of Operational Research</i> , <b>1980</b> , 5, 262-266	5.6	65
2202	Discussion of auditing and accounting for program efficiency and management efficiency in not-for-profit entities. <b>1980</b> , 5, 109-113		
2201	Auditing and accounting for program efficiency and management efficiency in not-for-profit entities. <b>1980</b> , 5, 87-107		33
2200	Fractional programming: Applications and algorithms. <i>European Journal of Operational Research</i> , <b>1981</b> , 7, 111-120	5.6	101
2199	Bibliographic zur Vektoroptimierung -Theorie und Anwendungen (l. Fortsetzung). <b>1982</b> , 13, 593-625		10
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2197	Evaluating the administrative efficiency of courts. <b>1982</b> , 10, 401-411		187
2196	Transforms and approximations in cost and production function relations. <b>1982</b> , 10, 207-211		13
2195	Efficiency measurement in stochastic input-output systems□ <b>1982</b> , 13, 273-287		82
2194	A multiplicative model for efficiency analysis. <b>1982</b> , 16, 223-224		189
2193	Bibliography in fractional programming. <b>1982</b> , 26, 211-241		23
2192	TECHNICAL EFFICIENCY OF PUBLIC DECISION MAKING UNITS. <b>1983</b> , 12, 337-346		11
2191	Measuring congestion in production. <b>1983</b> , 43, 257-271		70

2190	The relative efficiency of Illinois electric utilities. <b>1983</b> , 5, 349-367		111
2189	Invariant multiplicative efficiency and piecewise cobb-douglas envelopments. <b>1983</b> , 2, 101-103		108
2188	Measuring output efficiency. <i>European Journal of Operational Research</i> , <b>1983</b> , 13, 173-179	5.6	52
2187	Multivariate risk aversion with applications. <b>1983</b> , 4, 307-322		1
2186	EFFECTIVENESS, PRODUCTIVITY AND DESIGN OF PURPOSEFUL SYSTEMS: THE PROFIT-MAKING CASE,. <b>1983</b> , 9, 205-215		6
2185	Estimating most productive scale size using data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1984</b> , 17, 35-44	5.6	611
2184	Measuring the efficiency of decision making units: A comment. <i>European Journal of Operational Research</i> , <b>1984</b> , 15, 331-332	5.6	22
2183	The non-archimedean CCR ratio for efficiency analysis: A rejoinder to Boyd and F <sup>^</sup> e. <i>European Journal of Operational Research</i> , <b>1984</b> , 15, 333-334	5.6	148
2182	A taxonomy for decision models. <b>1984</b> , 2, 23-27		2
2181	Obituaries. <b>1984</b> , 33, 569-571		
2180	Measuring Enterprise Efficiency in the Soviet Union: A Stochastic Frontier Analysis. <b>1985</b> , 52, 225		23
2179	Pareto rate setting strategies: an application to medicaid drug reimbursement. <b>1985</b> , 18, 169-200		11
2178	Foundations of data envelopment analysis for Pareto-Koopmans efficient empirical production functions. <b>1985</b> , 30, 91-107		1093
2177	Using data envelopment analysis to measure the efficiency of non-profit organizations: A critical evaluation. <b>1985</b> , 6, 50-58		176
2176	Management Science and Marketing Management. <b>1985</b> , 49, 93-105		31
2175	The Measurement of Efficiency of Production. <b>1985</b> ,		761
2174	Reimbursement rate setting for Medicaid prescription drugs based on relative efficiencies. <b>1985</b> , 4, 83-110		25
2173	Management Science and Marketing Management. <b>1985</b> , 49, 93		32

2172	Frontier production functions. <b>1985</b> , 4, 289-328	281
2171	Bank branch operating efficiency. <b>1985</b> , 9, 297-315	531
2170	Stochastic Optimization and Economic Models. <b>1986</b> ,	14
2169	A goal-focusing approach to analysis of intergenerational transfers of income. <b>1986</b> , 17, 433-446	3
2168	The Role of the Reference Technology in Measuring Productive Efficiency. <b>1986</b> , 96, 499	128
2167	Using systems theory to provide an empirical focus for political science. <b>1986</b> , 3, 67-71	
2166	An efficiency analysis of household energy use. <b>1986</b> , 8, 62-73	15
2165	A dynamic non-parametric measure of output efficiency. <b>1986</b> , 5, 83-85	14
2164	Editor's notes. <b>1986</b> , 1986, 1-6	1
2163	The methodology of data envelopment analysis. <b>1986</b> , 1986, 7-29	37
2162	Managing productivity of health care organizations. <b>1986</b> , 1986, 31-46	14
2161	An exploratory analysis of variations in performance among U.S. national parks. <b>1986</b> , 1986, 47-71	4
2160	Data envelopment analysis: Critique and extensions. <b>1986</b> , 1986, 73-105	349
2159	Classifying and characterizing efficiencies and inefficiencies in data development analysis. <b>1986</b> , 5, 105-110	121
2158	A model for measuring productive efficiency. <b>1986</b> , 9, 251-257	2
2157	Toward a Statewide System for Public School Accountability: A Report from California. <b>1986</b> , 18, 326-346	1
2156	Measurement of Productivity Improvements: An Empirical Analysis. <b>1987</b> , 2, 319-347	15
2155	Performance Assessment in the Education Sector: educational and economic perspectives. <b>1987</b> , 13, 249-266	73

2154	Efficiency measurement in non-market systems through data envelopment analysis. <b>1987</b> , 18, 2279-2304	23
2153	The Measurement of Efficiency in Multiunit Public Services. <b>1987</b> , 19, 1511-1524	7
2152	Measuring efficiency in the public sector. <b>1987</b> , 15, 181-189	99
2151	Measuring the efficiency of service operations: An application to bank branches. <b>1987</b> , 12, 237-242	116
2150	A GENERALIZED MULTIPLE CRITERIA MODEL FOR CONTROL AND EVALUATION OF NONPROFIT ORGANIZATIONS. <b>1987</b> , 3, 331-342	31
2149	A NEW CLASS OF MODELS FOR THE DISCRIMINANT PROBLEM. <b>1988</b> , 19, 269-280	102
2148	AN EXPERIMENT IN THE USE OF DATA ENVELOPMENT ANALYSIS FOR EVALUATING THE EFFICIENCY OF UK UNIVERSITY DEPARTMENTS OF ACCOUNTING. <b>1988</b> , 4, 147-164	62
2147	ASSESSING COMPETITION AMONG LOCAL AUTHORITIES IN ENGLAND AND WALES. <b>1988</b> , 4, 235-251	2
2146	Estimation of the linear programming technological coefficient matrix by a principle of maximum efficiency. <b>1988</b> , 11, 941-945	
2145	Decisional data and the principle of maximum efficiency estimation. <b>1988</b> , 11, 1101-1103	
2144	Recent improvements to data envelopment analysis. <b>1988</b> , 11, 1104-1106	6
2143	An indirect approach to the evaluation of producer performance. <b>1988</b> , 37, 71-89	30
2142	Data envelopment analysis, nondiscretionary inputs and efficiency: an alternative interpretation. <b>1988</b> , 22, 167-176	98
2141	Efficiency characterizations in different DEA models. <b>1988</b> , 22, 253-257	66
2140	Some statistical and DEA evaluations of relative efficiencies of public and private institutions of higher learning. <b>1988</b> , 22, 259-269	102
2139	The measurement of productive efficiency: A robust minimax approach. <b>1988</b> , 9, 153-161	13
2138	Using data envelopment analysis to measure the efficiency of not-for-profit organizations: A critical evaluation comment. <b>1988</b> , 9, 251-253	20
2137	Educational Performance Indicators and LEA League Tables. <b>1988</b> , 14, 301-320	71

2136	An assessment of the impact of diagnosis-related group (DRG)-based reimbursement on the technical efficiency of New Jersey hospitals using data envelopment analysis. <b>1988</b> , 7, 77-96	53
2135	A Comparison of DEA and Translog Estimates of Production Frontiers Using Simulated Observations from a Known Technology. <b>1988</b> , 33-55	21
2134	Applications of Modern Production Theory: Efficiency and Productivity. <b>1988</b> ,	4
2133	Measuring economic efficiency with stochastic input-output data—Enlarged version of paper originally presented at the International Conference on Combinatorics, Optimization and Statistics held in Kashmir, August 17-21, 1987.. <b>1989</b> , 20, 203-213	17
2132	Data envelopment with maximum correlation. <b>1989</b> , 20, 2085-2093	21
2131	Casemix and Caseload:. <b>1989</b> , 12, 81-92	3
2130	Private nursing homes: Providing good value?. <b>1989</b> , 9, 55-59	2
2129	Cone ratio data envelopment analysis and multi-objective programming. <b>1989</b> , 20, 1099-1118	317
2128	Classification transitions under expansion of inputs and outputs in data envelopment analysis. <b>1989</b> , 10, 159-162	32
2127	Applications of location models. <b>1989</b> , 18, 25-42	22
2126	An application procedure for DEA. <b>1989</b> , 17, 237-250	806
2125	The meta-model of OR/MS. <b>1989</b> , 17, 419-435	5
2124	Using data envelopment analysis to evaluate efficiency in the economic performance of Chinese cities. <b>1989</b> , 23, 325-344	149
2123	A consistent, reflexive duality framework of production: An application of quasi-concave conjugacy theory. <b>1989</b> , 49, 183-198	1
2122	Nonlinear measures of technical efficiency. <b>1989</b> , 16, 55-65	12
2121	Stability of efficiency evaluations in data envelopment analysis. <b>1989</b> , 33, 167-179	5
2120	Efficient algorithm for additive and multiplicative models in data envelopment analysis. <b>1989</b> , 8, 205-213	24
2119	Estimating nonparametric convex functions using gradient data. <i>European Journal of Operational Research</i> , <b>1989</b> , 41, 73-85	5.6

2118	Measuring the efficiency of maintenance units in the Israeli Air Force. <i>European Journal of Operational Research</i> , <b>1989</b> , 43, 136-142	5.6	33
2117	Using mathematical programming to assess the relative performance of the health care industry. <b>1989</b> , 13, 155-62		12
2116	A comparison of the rate of technical change between FmHA and non-FmHA farmers. <b>1989</b> , 1, 155-163		3
2115	Data Envelopment Analysis for Managerial Control and Diagnosis*. <b>1989</b> , 20, 90-119		108
2114	Efficiency Measurement in the Public Sector: An Appraisal. <b>1989</b> , 10, 72-97		39
2113	The Implications of Using Messy Data to Estimate Production-Frontier-Based Technical Efficiency Measures. <b>1989</b> , 7, 49		7
2112	Efficiency Analysis in Production. <b>1989</b> , 1-38		
2111	The Nonparametric Approach. <b>1989</b> , 39-92		2
2110	The Implications of Using Messy Data to Estimate Production-Frontier-Based Technical Efficiency Measures. <b>1989</b> , 7, 49-59		14
2109	Use of Data Envelopment Analysis in an Evaluation of the Efficiency of the DEEP Program for Economic Education. <b>1990</b> , 21, 337		6
2108	Erratum. <b>1990</b> , 3, 31-42		
2107	Data envelopment analysis: An exposition and critique. <b>1990</b> , 4, 17-20		4
2106	Measuring Gains in Operational Efficiency from Information Technology: A Study of the Positran Deployment at Hardee Inc.* An earlier version of this paper was published in the Proceedings of the Twenty-Third Hawaii International Conference on System Sciences. IEEE Computer Society Press, 1990.. <b>1990</b> , 7, 29-54		129
2105	Data envelopment analysis applied to financial statements. <b>1990</b> , 18, 131-138		95
2104	Comparing university departments. <b>1990</b> , 18, 171-183		192
2103	Sensitivity analysis of the additive model in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1990</b> , 48, 332-341	5.6	94
2102	Translation invariance in data envelopment analysis. <b>1990</b> , 9, 403-405		277
2101	Recent developments in DEA. <b>1990</b> , 46, 7-38		938

2100	Largest size-efficient scale and size efficiencies of decision-making units in data envelopment analysis. <b>1990</b> , 46, 57-72		51
2099	Deterministic parametric and nonparametric estimation of efficiency in service production. <b>1990</b> , 46, 213-227		87
2098	Measuring cost efficiency in banking. <b>1990</b> , 46, 229-245		615
2097	An application of data envelopment analysis: measuring the relative performance of Florida general hospitals. <b>1990</b> , 14, 191-6		12
2096	An axiomatic framework of dynamic production. <b>1990</b> , 1, 309-324		5
2095	An empirical study on measuring operating efficiency and profitability of bank branches. <i>European Journal of Operational Research</i> , <b>1990</b> , 46, 282-294	5.6	234
2094	Polyhedral Cone-Ratio DEA Models with an illustrative application to large commercial banks. <b>1990</b> , 46, 73-91		470
2093	The role of multiplier bounds in efficiency analysis with application to Kansas farming. <b>1990</b> , 46, 93-108		519
2092	Transformations in stochastic DEA models. <b>1990</b> , 46, 109-123		55
2091	Tests of efficiency in data envelopment analysis. <b>1990</b> , 17, 123-132		33
2090	Managing service productivity: The data envelopment analysis perspective. <b>1990</b> , 14, 89-102		14
2089	Strengths and weaknesses of data envelopment analysis: An urban and regional perspective. <b>1990</b> , 14, 103-116		41
2088	Subjective judgements and data envelopment analysis in site selection. <b>1990</b> , 14, 133-144		31
2087	A data envelopment analysis for spatial efficiency. <b>1990</b> , 14, 145-156		25
2086	Data envelopment analysis: Computational issues. <b>1990</b> , 14, 157-165		14
2085	Parallel microcomputing for data envelopment analysis. <b>1990</b> , 14, 167-170		6
2084	Models, extensions, and applications of data envelopment analysis: A selected reference set. <b>1990</b> , 14, 171-175		11
2083	Impact of pollution controls on the productivity of coal-fired power plants. <b>1990</b> , 12, 11-17		10



2082	On Price Efficiency. <b>1990</b> , 31, 709		25
2081	Use of Data Envelopment Analysis in an Evaluation of the Efficiency of the DEEP Program for Economic Education. <b>1990</b> , 21, 337-354		14
2080	Measuring input productivity gains from information technology: a case study of Positran at Hardee's Inc.		
2079	THE PRODUCTIVE EFFICIENCY OF US MILK PROCESSING CO-OPERATIVES. <b>1991</b> , 42, 161-173		41
2078	A data envelopment approach to measuring efficiency: Case analysis of highway maintenance patrols. <b>1991</b> , 20, 83-103		30
2077	A case study in frontier production analysis: Assessing the efficiency and effectiveness of New Jersey's partial-care mental health programs. <b>1991</b> , 14, 385-390		0
2076	The relative efficiency of boards of accountancy: A measure of the profession's enforcement and disciplinary processes. <b>1991</b> , 10, 1-13		23
2075	Controlling Factor Weights in Data Envelopment Analysis. <b>1991</b> , 23, 2-9		277
2074	Productive efficiency in a regulated industry. <b>1991</b> , 13, 116-122		46
2073	The calculation of operational performance ratings. <b>1991</b> , 24, 165-173		14
2072	Robust decisions in economic models. <b>1991</b> , 18, 221-232		7
2071	Linear production functions and the data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1991</b> , 52, 215-223	5.6	72
2070	A data envelopment analytic model for assessing the relative efficiency of the selling function. <i>European Journal of Operational Research</i> , <b>1991</b> , 53, 189-205	5.6	85
2069	A multiple criteria decision model with ordinal preference data. <i>European Journal of Operational Research</i> , <b>1991</b> , 54, 191-198	5.6	115
2068	Applied data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1991</b> , 52, 1-15	5.6	534
2067	The influence curve approach in data envelopment analysis. <b>1991</b> , 52, 147-166		10
2066	A structure for classifying and characterizing efficiency and inefficiency in Data Envelopment Analysis. <b>1991</b> , 2, 197-237		249
2065	An analysis of production efficiency differentials in the Philippines. <b>1991</b> , 23, 631-638		2

2064	Environmental change, competition, strategy, structure and firm performance: an application of data envelopment analysis in the airline industry. <b>1991</b> , 22, 1625-1636	14
2063	Productivity in Swedish Electricity Retail Distribution. <b>1992</b> , 94, S193	100
2062	Assessing the relative efficiency of agricultural production units in the Blackland Prairie, Texas. <b>1992</b> , 24, 559-565	24
2061	Non-archimedean infinitesimals, transcendentals and categorical inputs in linear programming and data envelopment analysis. <b>1992</b> , 23, 2401-2406	11
2060	AN EMPIRICAL STUDY ON ANALYZING THE PRODUCTIVITY OF BANK BRANCHES. <b>1992</b> , 24, 166-176	44
2059	Efficiency, Productivity and Determinants of Inefficiency at Public Day Care Centers in Sweden. <b>1992</b> , 94, S173	26
2058	Concepts, methods and purposes of productivity measurement in transportation. <b>1992</b> , 26, 493-505	8
2057	Switching regressions and activity analysis. <b>1992</b> , 40, 407-411	2
2056	Data Envelopment Analysis for monitoring customer-supplier relationships. <b>1992</b> , 11, 357-372	51
2055	Measuring transit performance using data envelopment analysis. <b>1992</b> , 26, 223-230	63
2054	Recent Applications of Nonparametric Programming Methods. <b>1992</b> , 21, 113-120	1
2053	Efficiency analysis of Norwegian district courts. <b>1992</b> , 3, 277-306	72
2052	Efficiency and ownership in Swedish electricity retail distribution. <b>1992</b> , 3, 7-23	73
2051	A comparison of parametric and non-parametric efficiency measures: The case of Norwegian ferries. <b>1992</b> , 3, 25-43	31
2050	The relative efficiency of public versus private municipal bus firms: An application of data envelopment analysis. <b>1992</b> , 3, 67-84	43
2049	Technical inefficiency and productive decline in the U.S. interstate natural gas pipeline industry under the Natural Gas Policy Act. <b>1992</b> , 3, 119-133	9
2048	Regional variation in VAMC's operative efficiency. <b>1992</b> , 16, 207-13	12
2047	The maximum entropy approach in production frontier estimation. <b>1992</b> , 25, 41-57	7

2046	The rate of return regulated version of Farrell efficiency. <b>1992</b> , 27, 161-165		19
2045	Reorganization of forest districts via efficiency measurement. <i>European Journal of Operational Research</i> , <b>1992</b> , 58, 356-362	5.6	51
2044	Estimation of returns to scale using data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1992</b> , 62, 74-84	5.6	434
2043	Estimating preferred target input-output levels using data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1992</b> , 56, 80-97	5.6	196
2042	Sensitivity of efficiency classifications in the additive model of data envelopment analysis. <b>1992</b> , 23, 789-798		113
2041	Technical efficiency of for-profit and non-profit nursing homes. <b>1992</b> , 13, 429-439		58
2040	Sensitivity analysis of hospital efficiency under alternative output/input and peer groups: A review. <b>1992</b> , 5, 1-29		31
2039	Apples and oranges: The aggregation problem in publications analysis. <b>1992</b> , 25, 353-365		27
2038	Measuring the industrial performance of Chinese cities by data envelopment analysis. <b>1992</b> , 26, 75-88		41
2037	Management of nursing homes using data envelopment analysis. <b>1992</b> , 26, 57-71		39
2036	Implementations of robotics: Identifying efficient implementors. <b>1992</b> , 20, 227-239		25
2035	Measuring efficiency by a fuzzy statistical approach. <b>1992</b> , 46, 73-80		44
2034	Finite sample evidence on the performance of stochastic frontiers and data envelopment analysis using panel data. <b>1992</b> , 51, 259-284		162
2033	DEA/AR-efficiency of U.S. independent oil/gas producers over time. <b>1992</b> , 19, 377-391		62
2032	Prioritization models for frontier decision making units in DEA. <i>European Journal of Operational Research</i> , <b>1992</b> , 59, 319-323	5.6	54
2031	A fuzzy systems approach in data envelopment analysis. <b>1992</b> , 24, 259-266		227
2030	The Relationship between Technical Efficiency and Firm Size Revisited. <b>1992</b> , 40, 427-442		32
2029	Aggregate efficiency measures and Simpson's Paradox*. <b>1992</b> , 9, 329-342		8

2028	Streamlined computation for data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1993</b> , 64, 61-67	5.6	66
2027	A Monte Carlo comparison of two production frontier estimation methods: Corrected ordinary least squares and data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1993</b> , 67, 332-343	5.6	104
2026	A multiobjective approach to vendor selection. <i>European Journal of Operational Research</i> , <b>1993</b> , 68, 173-184	5.6	379
2025	A goal-programming method of stochastic allocative data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1993</b> , 71, 379-397	5.6	38
2024	A production-based approach to performance evaluation of computing technology. <b>1993</b> , 20, 153-162		0
2023	Industrial benchmarking: A case study of performance analysis techniques. <b>1993</b> , 32, 1-11		33
2022	Scale economies in manufacturing: Problems of robust estimation. <b>1993</b> , 18, 469-480		2
2021	Productive performance of the French insurance industry. <b>1993</b> , 4, 77-93		118
2020	On FDH efficiency analysis: Some methodological issues and applications to retail banking, courts, and urban transit. <b>1993</b> , 4, 183-210		391
2019	Importance for DEA of zeros in data, multipliers, and solutions. <b>1993</b> , 4, 379-390		60
2018	Some extensions of techniques to handle non-discretionary factors in data envelopment analysis. <b>1993</b> , 4, 419-432		61
2017	PERFORMANCE DES SOCIÉTÉS BELGES D'ASSURANCE Comparaison des formes institutionnelles. <b>1993</b> , 64, 419-438		1
2016	BENCHMARKING TELECOMMUNICATIONS USING DATA ENVELOPMENT ANALYSIS. <b>1993</b> , 12, 97-105		3
2015	Relative Technical Efficiency: Data Envelopment Analysis and Quebec's Dairy Farms. <b>1993</b> , 41, 169-176		33
2014	Partial efficiencies in data envelopment analysis. <b>1993</b> , 27, 171-179		7
2013	Organizational determinants of performance of outpatient mental health programs. <b>1993</b> , 27, 209-217		3
2012	Assessment of intergovernmental revenue transfers. <b>1993</b> , 27, 109-118		10
2011	Using DEA to evaluate the state of society as measured by multiple social indicators. <b>1993</b> , 27, 257-268		56

2010	A multicriteria approach to country risk evaluation: With an example employing Japanese data. <b>1993</b> , 2, 327-348	16
2009	Data envelopment analysis and multiple criteria decision making. <b>1993</b> , 21, 713-715	130
2008	Alternate methods of treating factor weights in DEA. <b>1993</b> , 21, 99-109	174
2007	Operational performance of airlines: An extension of traditional measurement paradigms. <b>1993</b> , 14, 301-317	207
2006	An envelopment-analysis approach to measuring the managerial efficiency of banks. <b>1993</b> , 45, 1-19	59
2005	An effective non-Archimedean anti-degeneracy/cycling linear programming method especially for data envelopment analysis and like models. <b>1993</b> , 46-47, 271-278	24
2004	Aggregating preference rankings: An AHP-based approach. <b>1993</b> , 2, 27-39	9
2003	Selecting a new technology strategy using multiattribute, multilevel decision trees. <b>1993</b> , 2, 129-144	2
2002	Chance-constrained data envelopment analysis. <b>1993</b> , 14, 541-554	263
2001	Efficiency of government intervention in technical change in telecommunications: ten national economies compared. <b>1993</b> , 13, 187-220	4
2000	Technical and scale efficiency of Japanese commercial banks: a non-parametric approach. <b>1993</b> , 25, 1101-1112	104
1999	FAIR PAY FOR FAIR PLAY: ESTIMATING PAY EQUITY IN PROFESSIONAL BASEBALL WITH DATA ENVELOPMENT ANALYSIS.. <b>1993</b> , 36, 882-894	28
1998	The efficiency of nursing home chains. <b>1993</b> , 25, 49-55	53
1997	CONFIGURATIONS OF ORGANIZATIONAL EFFECTIVENESS AND EFFICIENCY.. <b>1993</b> , 36, 1345-1361	169
1996	The Efficiency of Local Education Authorities. <b>1993</b> , 19, 277-289	9
1995	Frontier Tales: DEA and FDH. <b>1993</b> , 446-457	4
1994	Efficiency and Effectiveness in General Practice. <b>1993</b> , 7, 36-47	14
1993	.	

1992	Measuring efficiency of dynamic input-output systems. <b>1993</b> , 24, 2159-2173	1
1991	MODELS FOR IMPROVED EFFECTIVENESS BASED ON DEA EFFICIENCY RESULTS. <b>1993</b> , 25, 2-10	59
1990	MEASURING THE RESEARCH PERFORMANCE OF UK ECONOMICS DEPARTMENTS: AN APPLICATION OF DATA ENVELOPMENT ANALYSIS. <b>1993</b> , 45, 332-347	155
1989	Economic Explanations of the Behaviour of Universities and Scholars. <b>1993</b> , 20,	8
1988	Short-Run and Long-Run Efficiencies of New York Dairy Farms. <b>1993</b> , 22, 1-9	30
1987	Configurations of Organizational Effectiveness and Efficiency. <b>1993</b> , 36, 1345-1361	46
1986	Fair Pay for Fair Play: Estimating Pay Equity in Professional Baseball with Data Envelopment Analysis. <b>1993</b> , 36, 882-894	9
1985	Technological Change in Meat and Poultry-Packing and Processing. <b>1994</b> , 26, 591-604	3
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1965	Efficiency improvement in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1994</b> , 73, 487-494	5.6	21
1964	An approach to using the analytic hierarchy process for solving multiple criteria decision making problems. <i>European Journal of Operational Research</i> , <b>1994</b> , 76, 440-454	5.6	23
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1939	. <b>1995</b> , 42, 159-165	29



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1920	Evaluating physician efficiency in hospitals: A multivariate analysis of best practices. <i>European Journal of Operational Research</i> , <b>1995</b> , 80, 548-574	5.6	165
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1875	H. <b>1996</b> , 273-291	
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1807	Equivalence and implementation of alternative methods for determining returns to scale in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1996</b> , 89, 473-481	5.6	111
1806	Robustness of the efficient DMUs in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1996</b> , 90, 451-460	5.6	171
1805	Assessing the comparative spatial disadvantage (CSD) of regions in the European Union using non-radial data envelopment analysis methods. <i>European Journal of Operational Research</i> , <b>1996</b> , 94, 439-452	5.6	27
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1772	Technical efficiency and scope economies in hospitals. <b>1996</b> , 28, 1295-1301	24
1771	Economic theory and DEA models: a critical review. <b>1996</b> , 27, 77-85	1
1770	Controlling for Observed and Unobserved Managerial Skills in Determining First-Mover Market Share Advantages. <b>1996</b> , 33, 329	54
1769	OWNERSHIP AND EFFICIENCY IN NUCLEAR POWER PRODUCTION. <b>1996</b> , 48, 342-360	38
1768	A DEA approach for evaluating quality circles. <b>1996</b> , 3, 59-70	10
1767	A data envelopment analysis approach to measuring vendor performance. <b>1996</b> , 1, 28-39	153
1766	A DEA model to evaluate car efficiency. <b>1997</b> , 29, 1493-1508	38
1765	Agriculture's environmental externalities: DEA evidence for French agriculture. <b>1997</b> , 29, 331-338	61
1764	Performance Evaluation of Selected U.S. Utility Commercial Lighting Demand-Side Management Programs. <b>1997</b> , 94, 50-66	5
1763	External Effects as a Microeconomic Determinant of Innovation Efficiency. <b>1997</b> , 4, 173-188	7
1762	Efficiency of Fund-Raising Activities: An Application of Data Envelopment Analysis. <b>1997</b> , 26, 73-84	20
1761	Measuring predetermined socioeconomic 'inputs' when assessing the efficiency of educational outputs. <b>1997</b> , 29, 85-93	23
1760	Data envelopment analysis with integral targets [management decision making].	
1759	Measuring production efficiency of acute hospitals in Scotland, 1991-94: validity issues in data envelopment analysis. <b>1997</b> , 29, 1425-1433	91

1758	Technological benchmarking of products using the data envelopment analysis: an application to segments 'A' and 'B' of the Italian car market.	3
1757	Selecting the "best" using data envelopment analysis.	
1756	Efficiency Evaluation of Michigan Prisons Using Data Envelopment Analysis. <b>1997</b> , 22, 1-15	12
1755	An internal customer service quality data envelopment analysis model for bank branches. <b>1997</b> , 17, 780-789	29
1754	Satisfactional Method Introducing the Concept of a Fuzzy Goal into DEA. <b>1997</b> , 9, 762-766	
1753	PRIVATIZATION OF JAPAN NATIONAL RAILWAYS : DEA TIME SERIES APPROACHES. <b>1997</b> , 40, 186-205	4
1752	DEA PRICING SYSTEM. <b>1997</b> , 40, 220-235	3
1751	APPLICATION OF PRINCIPAL COMPONENT ANALYSIS FOR PARSIMONIOUS SUMMARIZATION OF DEA INPUTS AND/OR OUTPUTS. <b>1997</b> , 40, 466-478	49
1750	Erratum. <b>1997</b> , 46, 190-201	13
1749	An evaluation of the relative performance of university libraries in Taipei. <b>1997</b> , 6, 39-50	10
1748	Technology strategy in developing countries: evolving from comparative to competitive advantage. <b>1997</b> , 14, 309	20
1747	Efficiency and Productivity of the Insurance Industry in the OECD Countries. <b>1997</b> , 22, 523-535	24
1746	Effects of excluding the column being scored from the DEA envelopment LP technology matrix. <b>1997</b> , 48, 1001-1012	68
1745	Analysing Transportation Public Agencies Performance Using Data Envelopment Analysis. <b>1997</b> , 30, 655-660	3
1744	Measuring Public Sector Efficiency: A Study of Economics Departments at Australian Universities. <b>1997</b> , 5, 153-168	83
1743	On the equivalence of operational performance measurement and multiple attribute decision making. <b>1997</b> , 35, 2963-2988	65
1742	Erratum. <b>1997</b> , 13, 164-172	4
1741	On using NASA Software Engineering Laboratory project data for evaluating the efficiency of software production.	

1740	The Use of Frontier Analysis for Goal Setting in Managing Engineering Design. <b>1997</b> , 8, 53-74	5
1739	Total quality management in the supply chain: What is its impact on performance?. <b>1997</b> , 35, 1681-1702	99
1738	Multicriteria Analysis. <b>1997</b> ,	26
1737	Productivity growth in the Hellenic banking industry: state versus private banks. <b>1997</b> , 7, 223-228	53
1736	Incentive Regulation and Productive Efficiency in the U.S. Telecommunications Industry. <b>1997</b> , 70, 547-576	60
1735	Assessing the Comparative Efficiency of Higher Education Institutions in the UK by the Means of Data Envelopment Analysis. <b>1997</b> , 5, 117-134	176
1734	Efficient Frontier Derived from Opinions and the Utility Optimization Problem. <b>1997</b> , 356-364	
1733	Effects of Excluding the Column Being Scored from the DEA Envelopment LP Technology Matrix. <b>1997</b> , 48, 1001	0
1732	Duality in data envelopment analysis under constant returns to scale. <b>1997</b> , 8, 253-266	1
1731	Application of data envelopment analysis for cell performance evaluation and process improvement in cellular manufacturing. <b>1997</b> , 35, 2157-2170	42
1730	EVALUATING FLEXIBLE MANUFACTURING SYSTEMS ALTERNATIVES USING DATA ENVELOPMENT ANALYSIS. <b>1997</b> , 43, 25-47	58
1729	Productivity growth, technological progress, and efficiency change in chinese agriculture after rural economic reforms: A DEA approach. <b>1997</b> , 8, 157-174	80
1728	Investigating productive efficiency and productivity changes of Japanese life insurance companies. <b>1997</b> , 5, 481-509	74
1727	Productivity convergence in OECD service industries. <b>1997</b> , 8, 279-295	30
1726	Developing measures of airport productivity and performance: an application of data envelopment analysis. <b>1997</b> , 33, 261-273	290
1725	Technical efficiency in multi-mode bus transit: A production frontier analysis. <b>1997</b> , 31, 23-39	75
1724	Evaluating the cost-efficiency of the Italian banking system: What can be learned from the joint application of parametric and non-parametric techniques. <b>1997</b> , 21, 221-250	223
1723	Productivity Growth, Technology Progress, And Efficiency Change in Chinese Agricultural Production From 1984 to 1993. <b>1997</b> ,	1

1722	Analyzing properties of K-cones in the generalized data envelopment analysis model. <b>1997</b> , 80, 63-84		25
1721	A ranked voting system using a DEA/AR exclusion model: A note. <i>European Journal of Operational Research</i> , <b>1997</b> , 97, 600-604	5.6	96
1720	DEA/AR profit ratios and sensitivity of 100 large U.S. banks. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 213-229	5.6	49
1719	The sources of productivity change in Spanish banking. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 364-380	5.6	137
1718	The interface between OR/MS and decision theory. <i>European Journal of Operational Research</i> , <b>1997</b> , 99, 38-47	5.6	2
1717	The Efficiency of Social and Economic Image Projection in Spatial Configurations. <b>1997</b> , 37, 75-97		11
1716	The design of organisational intervention: Choosing the approach. <b>1997</b> , 25, 415-435		36
1715	Extensions in efficiency measurement of alternate machine component grouping solutions via data envelopment analysis. <b>1997</b> , 44, 299-304		32
1714	The Economic and Social Performance of Nations: Efficiency and Returns to Scale. <b>1997</b> , 31, 191-204		42
1713	A Proposal for Designing Employment Contracts for Government Managers. <b>1997</b> , 31, 205-216		12
1712	Modularity and productivity. <b>1997</b> , 56, 61-75		15
1711	Efficiency evaluation of community-based youth services in Virginia. <b>1997</b> , 33, 487-99		14
1710	Has Livability of Japan Gotten Better for 1956-1990?: a Dea Approach. <b>1997</b> , 40, 359-373		41
1709	On the Role of Weight Restrictions in Data Envelopment Analysis. <b>1997</b> , 8, 215-230		120
1708	Technical Inefficiency Effects Among Paddy Farmers in the Villages of the Office du Niger-Mali, West Africa. <b>1997</b> , 8, 379-394		19
1707	Empirical evaluation of bureaucratic models of inefficiency. <b>1997</b> , 93, 1-18		67
1706	An analysis of staffing efficiency in U.S. manufacturing: 1983 and 1989. <b>1997</b> , 73, 67-89		9
1705	Restricted best practice selection in DEA: An overview with a case study evaluating the socio-economic performance of nations. <b>1997</b> , 73, 117-140		39

1704	A new measure of baseball batters using DEA. <b>1997</b> , 73, 141-155		40
1703	Dominant Competitive Factors for evaluating program efficiency in grouped data. <b>1997</b> , 73, 253-276		1
1702	A Data Envelopment Analysis approach to Discriminant Analysis. <b>1997</b> , 73, 299-321		4
1701	Parallel and hierarchical decomposition approaches for solving large-scale Data Envelopment Analysis models. <b>1997</b> , 73, 339-372		43
1700	A bibliography for Data Envelopment Analysis (1978-1996). <b>1997</b> , 73, 393-438		101
1699	Extending the frontiers of Data Envelopment Analysis. <b>1997</b> , 73, 1-11		2
1698	Weights restrictions and value judgements in Data Envelopment Analysis: Evolution, development and future directions. <b>1997</b> , 73, 13-34		413
1697	Use of Data Envelopment Analysis in assessing Information Technology impact on firm performance. <b>1997</b> , 73, 191-213		158
1696	Model misspecification in Data Envelopment Analysis. <b>1997</b> , 73, 233-252		122
1695	DEA-based yardstick competition: The optimality of best practice regulation. <b>1997</b> , 73, 277-298		68
1694	DEA and primary care physician report cards: Deriving preferred practice cones from managed care service concepts and operating strategies. <b>1997</b> , 73, 35-66		33
1693	Data envelopment analysis as a tool for constructing scientometric indicators. <b>1997</b> , 40, 45-56		90
1692	An empirical analysis of productivity and complexity for flexible manufacturing systems. <b>1997</b> , 48, 39-48		37
1691	A measurement of the resource utilization efficiency of university libraries. <b>1997</b> , 53, 71-80		53
1690	Constrained games for evaluating organizational performance. <i>European Journal of Operational Research</i> , <b>1997</b> , 96, 103-112	5.6	16
1689	Multiple criteria modelling and ordinal data: Evaluation in terms of subsets of criteria. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 602-609	5.6	23
1688	Equivalences between Data Envelopment Analysis and the theory of redundancy in linear systems. <i>European Journal of Operational Research</i> , <b>1997</b> , 101, 51-64	5.6	4
1687	A note on a discussion of testing DMUs' returns to scale by Zhu and Shen <i>European Journal of Operational Research</i> 81 (1995) 590-596. <i>European Journal of Operational Research</i> , <b>1997</b> , 97, 597-599	5.6	2

1686	Estimating returns to scale in DEA. <i>European Journal of Operational Research</i> , <b>1997</b> , 103, 28-37	5.6	82
1685	Efficiency of financial institutions: International survey and directions for future research. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 175-212	5.6	1900
1684	Best practice analysis of bank branches: An application of DEA in a large Canadian bank. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 269-289	5.6	216
1683	Target setting: An application to a bank branch network. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 290-299	5.6	96
1682	The impact of liberalization on the productive efficiency of Indian commercial banks. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 332-345	5.6	421
1681	DEA/AR efficiency and profitability of Mexican banks a total income model. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 346-363	5.6	56
1680	Efficiency of mutual funds and portfolio performance measurement: A non-parametric approach. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 408-418	5.6	207
1679	How to benefit from decision analysis in environmental life cycle assessment (LCA). <i>European Journal of Operational Research</i> , <b>1997</b> , 102, 279-294	5.6	159
1678	Data transformations in DEA cone ratio envelopment approaches for monitoring bank performances. <i>European Journal of Operational Research</i> , <b>1997</b> , 98, 250-268	5.6	87
1677	Scaling units via the canonical correlation analysis in the DEA context. <i>European Journal of Operational Research</i> , <b>1997</b> , 100, 629-637	5.6	133
1676	Factors affecting supplier quality performance. <b>1997</b> , 15, 243-269		96
1675	A closer look at the use of data envelopment analysis for technology selection. <b>1997</b> , 32, 101-108		134
1674	The efficiency of the National Electricity Board in Malaysia: An intercountry comparison using DEA. <b>1997</b> , 19, 255-269		53
1673	Managerial Efficiency, Managerial Succession and Organizational Performance. <b>1997</b> , 18, 295-308		82
1672	The use of data envelopment analysis to monitor hotel productivity. <b>1997</b> , 3, 119-127		130
1671	Why is it so hard to help central city schools?. <b>1997</b> , 16, 85-113		55
1670	Assessing the Vulnerability of Coastal Communities to Extreme Storms: The Case of Revere, MA., USA. <b>1998</b> , 3, 59-82		229
1669	Chance Constrained Programming Formulations for Stochastic Characterizations of Efficiency and Dominance in DEA. <b>1998</b> , 9, 53-79		121

1668	A Quasi-Malmquist Productivity Index. <b>1998</b> , 10, 7-20	39
1667	The Rise and Fall of Slacks: Comments on Quasi-Malmquist Productivity Indices. <b>1998</b> , 10, 21-34	7
1666	A Mathematical Programming Approach for Measuring Technical Efficiency in a Fuzzy Environment. <b>1998</b> , 10, 85-102	87
1665	The Relationship Between Stock Market Returns and Technical Efficiency Innovations: Evidence from the US Airline Industry. <b>1998</b> , 9, 35-51	77
1664	Marginal Rates and Two-dimensional Level Curves in DEA. <b>1998</b> , 9, 205-232	36
1663	The Effect of Sample Size on the Mean Efficiency in DEA with an Application to Electricity Distribution in Australia, Sweden and New Zealand. <b>1998</b> , 9, 187-204	128
1662	A Cost Indirect Evaluation of Productivity Change in UK Universities. <b>1998</b> , 10, 153-175	25
1661	Hierarchies and Groups in DEA. <b>1998</b> , 10, 177-198	73
1660	Using dynamic models in management. <b>1998</b> , 82, 185-203	
1659	Physician benchmarking: measuring variation in practice behavior in treatment of otitis media. <b>1998</b> , 1, 5-17	45
1658	Multifactor efficiency in data envelopment analysis with an application to urban hospitals. <b>1998</b> , 1, 19-27	46
1657	Comparison of Frontier Efficiency Methods: An Application to the U.S. Life Insurance Industry. <b>1998</b> , 10, 131-152	202
1656	Reconfiguring the Supply Network Using Current Performance Data. <b>1998</b> , 29, 707-728	32
1655	Using a Programming Approach to Measure International Agricultural Efficiency and Productivity. <b>1998</b> , 49, 67-84	46
1654	Techniques for Analysing Company Performance. <b>1998</b> , 9, 37-46	8
1653	A multi-stage methodology for the solution of orientated DEA models. <b>1998</b> , 23, 143-149	151
1652	Political Control of Administrative Spending: The Case of Local Governments in Norway. <b>1998</b> , 10, 63-83	54
1651	Stochastic models and variable returns to scales in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1998</b> , 104, 532-548	5.6 63



1650	The choice of a technical efficiency measure on the free disposal hull reference technology: A comparison using US banking data. <i>European Journal of Operational Research</i> , <b>1998</b> , 105, 427-446	5.6	34
1649	Stability regions for maintaining efficiency in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1998</b> , 108, 127-139	5.6	122
1648	Non-discretionary inputs in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1998</b> , 111, 461-469	5.6	167
1647	DEA and the discriminant analysis of ratios for ranking units. <i>European Journal of Operational Research</i> , <b>1998</b> , 111, 470-478	5.6	115
1646	Retail productivity assessment using data envelopment analysis. <b>1998</b> , 74, 89-105		203
1645	Siting efficiency of long-term health care facilities. <b>1998</b> , 32, 25-43		20
1644	Assessing the effectiveness of regional development policies in Northern Greece using data envelopment analysis. <b>1998</b> , 32, 123-137		28
1643	The costs of multi-product organizations and the heuristic evaluation of industrial structure. <b>1998</b> , 32, 199-209		24
1642	Market entity behavior of Chinese state-owned enterprises. <b>1998</b> , 26, 263-278		24
1641	DEA-Bilateral Performance Comparison: an Application to Japan Agricultural Co-operatives (Nokyo). <b>1998</b> , 26, 233-248		18
1640	Evaluating Water Supply Services in Japan with RAM: a Range-adjusted Measure of Inefficiency. <b>1998</b> , 26, 207-232		108
1639	Comparison of Productive and Cost Efficiencies among Japanese and US Electric Utilities. <b>1998</b> , 26, 177-194		68
1638	Bidding Efficiencies for Rights to Car Ownership in Singapore. <b>1998</b> , 26, 297-306		3
1637	Measuring the relative efficiency of fund management strategies in New Zealand using a spreadsheet-based stochastic data envelopment analysis model. <b>1998</b> , 26, 319-331		20
1636	Identifying excesses and deficits in Chinese industrial productivity (1953-1990): a weighted data envelopment analysis approach. <b>1998</b> , 26, 279-296		39
1635	Determinants of Hospital Efficiency: the Case of Central Government-owned Hospitals in Taiwan. <b>1998</b> , 26, 307-317		74
1634	Measuring production efficiency of small firms in Pakistan. <b>1998</b> , 26, 155-169		47
1633	Share performance and profit efficiency of banks in an oligopolistic market: evidence from Singapore. <b>1998</b> , 8, 155-168		118

1632	Technical efficiency in the clinical management of critically ill patients. <b>1998</b> , 7, 263-77		33
1631	Measuring hospital cost efficiency with panel data models. <b>1998</b> , 7, 415-27		93
1630	Using the frontier production function and minimax approaches in measuring productive efficiency: Critical remarks. <b>1998</b> , 20, 91-95		1
1629	Comparing the efficiency of Austrian universities. <b>1998</b> , 4, 191-197		
1628	The scientific wealth of European nations: Taking effectiveness into account. <b>1998</b> , 42, 75-87		85
1627	Managed care and technical efficiency in outpatient substance abuse treatment units. <b>1998</b> , 25, 377-96		30
1626	Using DEA To evaluate 29 Canadian textile companies [Considering returns to scale. <b>1998</b> , 54, 129-141		42
1625	Regression versus data envelopment analysis for efficiency measurement: an application to the England and Wales regulated water industry. <b>1998</b> , 7, 75-85		112
1624	An acceptance system decision rule with data envelopment analysis. <b>1998</b> , 25, 329-332		32
1623	On piecewise loglinear frontiers and log efficiency measures. <b>1998</b> , 25, 389-395		11
1622	Combining ranking scales and selecting variables in the DEA context: The case of industrial branches. <b>1998</b> , 25, 781-791		99
1621	Privatization of nippon telegraph and telephone: Was it a good policy decision?. <i>European Journal of Operational Research</i> , <b>1998</b> , 107, 45-61	5.6	65
1620	The effects of exogenous variables in efficiency measurement: A monte carlo study. <i>European Journal of Operational Research</i> , <b>1998</b> , 105, 569-580	5.6	43
1619	Technical efficiency and economies of scale in state owned enterprises: The Hellenic telecommunications organisation. <i>European Journal of Operational Research</i> , <b>1998</b> , 107, 62-75	5.6	15
1618	Non-cooperative negotiation strategies for vendor selection. <i>European Journal of Operational Research</i> , <b>1998</b> , 108, 208-223	5.6	185
1617	The weighted Russell measure of technical efficiency. <i>European Journal of Operational Research</i> , <b>1998</b> , 108, 438-451	5.6	24
1616	Nonparametric measurement of productive efficiency in the presence of regulation. <i>European Journal of Operational Research</i> , <b>1998</b> , 110, 643-657	5.6	3
1615	Data envelopment analysis vs. principal component analysis: An illustrative study of economic performance of Chinese cities. <i>European Journal of Operational Research</i> , <b>1998</b> , 111, 50-61	5.6	180

1614	A new approach for technical efficiency estimation in multiple output production. <i>European Journal of Operational Research</i> , <b>1998</b> , 111, 369-380	5.6	22
1613	Measuring production with random inputs and outputs using DEA and certainty equivalent. <i>European Journal of Operational Research</i> , <b>1998</b> , 111, 62-74	5.6	3
1612	On alternative optimal solutions in the estimation of returns to scale in DEA. <i>European Journal of Operational Research</i> , <b>1998</b> , 108, 149-152	5.6	23
1611	Efficiency differences of finnish senior secondary schools: An application of DEA and Tobit analysis. <b>1998</b> , 17, 377-394		119
1610	Structure, organizational behavior, and technical efficiency: The case of an Indian industry. <b>1998</b> , 34, 419-434		19
1609	Slack in the state-owned enterprise: An evaluation of the impact of soft-budget constraints. <b>1998</b> , 16, 377-394		42
1608	A process for evaluating retail store efficiency: a restricted DEA approach. <b>1998</b> , 15, 487-503		132
1607	Consistency Conditions for Regulatory Analysis of Financial Institutions: A Comparison of Frontier Efficiency Methods. <b>1998</b> , 50, 85-114		433
1606	Regulation Can Foster Mergers, Can Mergers Foster Efficiency? The Italian Case. <b>1998</b> , 50, 157-169		69
1605	Productivity development of Norwegian electricity distribution utilities. <b>1998</b> , 20, 207-224		120
1604	Evaluation of travel demand measures and programs: a data envelopment analysis approach. <b>1998</b> , 32, 331-343		10
1603	Efficiency based decision rules for production planning and control. <b>1998</b> , 29, 1265-1280		6
1602	A study of bank efficiency and ownership in Taiwan. <b>1998</b> , 5, 613-616		16
1601	Assessing the economic and environmental performance of municipal solid waste collection and sorting programmes. <b>1998</b> , 16, 253-262		36
1600	Sensitivity Analysis of Efficiency Scores: How to Bootstrap in Nonparametric Frontier Models. <b>1998</b> , 44, 49-61		1259
1599	The Relative Efficiencies of Canadian Universities: A DEA Perspective. <b>1998</b> , 24, 485		69
1598	Structural Comparison of Data Envelopment Analysis and Multiple Objective Linear Programming. <b>1998</b> , 44, 962-970		174
1597	An international comparison of hospital efficiency: does institutional environment matter?. <b>1998</b> , 30, 1089-1100		42

1596	Measuring health production performance in the OECD. <b>1998</b> , 5, 255-259	31
1595	Efficiency measurement and strategic classification of Japanese banking institutions. <b>1998</b> , 29, 1249-1263	18
1594	Modeling the operating efficiency of banks: a nonparametric methodology. <b>1998</b> , 11, 5-17	44
1593	A study of efficiency evaluation in Taiwan's banks. <b>1998</b> , 9, 402-415	50
1592	Ownership Structure and Determinants of Technical Efficiency: An Application of Data Envelopment Analysis to Chinese Enterprises (1986-1990). <b>1998</b> , 26, 465-484	72
1591	Efficient utilization of resources in public schools: a case study of New Jersey. <b>1998</b> , 30, 1299-1306	17
1590	Measuring Performance: An Introduction to Data Envelopment Analysis (DEA). <b>1998</b> , 15, 3-27	155
1589	Using DEA to evaluate the efficiency of secondary schools: the case of Cyprus. <b>1998</b> , 12, 65-73	17
1588	An Introduction to Efficiency and Productivity Analysis. <b>1998</b> ,	1090
1587	Using Data Envelopment Analysis to Improve the Efficiency of a Major Bank: Attempting to Enhance the Value of Activity Based Costing Data. <b>1998</b> , 15, 73-86	
1586	Efficiency and Effectiveness Analysis of Chicago Public Elementary Schools: 1989, 1991, 1993. <b>1998</b> , 34, 484-504	5
1585	Simulating Weights Restrictions in Data Envelopment Analysis by Means of Unobserved DMUs. <b>1998</b> , 44, 586-594	102
1584	Comparing the efficiency of Austrian universities: A data envelopment analysis application. <b>1998</b> , 4, 191-197	10
1583	Localized Technological Progress And Industry Structure: An Empirical Approach *. <b>1998</b> , 6, 121-146	1
1582	Measuring Value in MBA Programmes. <b>1998</b> , 6, 11-25	19
1581	Determining Best Practice in Corporate-Stakeholder Relations Using Data Envelopment Analysis: An Industry-Level Study. <b>1998</b> , 37, 306-338	50
1580	The Application of Mathematical Programming Techniques to Financial Statement Analysis: Australian Gold Production and Exploration. <b>1998</b> , 23, 97-113	12
1579	Decision Support for Target-Based Resource Allocation of Public Services in Multiunit and Multilevel Systems. <b>1998</b> , 44, 173-187	100

1578	Cost Efficiency in the Provision of Educational Services: An Application of Data Envelopment Analysis. <b>1998</b> , 15, 53-71	
1577	Determining the Comparative Efficient Units of Insurance Industries Through DEA. <b>1998</b> , 18, 105-118	4
1576	Malmquist Productivity Indexes: A Survey of Theory and Practice. <b>1998</b> , 127-190	63
1575	Technical efficiency of carp production in Nepal: An application of stochastic frontier production function approach* Reviewing process coordinated by Professor Clem Tisdell.. <b>1998</b> , 2, 129-140	45
1574	Fusion of evaluation of possibility production function and DEA by introducing a fuzzy goal.	
1573	Variation In Inefficiency Among Us Hospitals. <b>1998</b> , 36, 84-102	37
1572	Setting Performance Targents For New Decision Making Units In DEA. <b>1998</b> , 36, 177-188	2
1571	Estimating Efficient Marginal Resource Levels Using Data Envelopment Analysis. <b>1998</b> , 15, 29-52	5
1570	EVALUATION TECHNIQUES WITH A MODIFIED CROSS-EFFICIENCY IN DEA. <b>1998</b> , 41, 229-245	
1569	Data Envelopment Analysis and Fuzzy DEA. <b>1998</b> , 10, 193-199	
1568	USING THE EXCLUSION MODEL FOR DEA COMPUTATION. <b>1998</b> , 41, 531-537	
1567	Executive Compensation in the U.S. Defense Industry. <b>1998</b> , 15, 87-102	1
1566	Assessing efficiency in general practice: an application of data envelopment analysis. <b>1998</b> , 11, 103-8	5
1565	Technology Implementation: A Comparative Study Of Canadian And U.S. Factories. <b>1998</b> , 36, 142-150	7
1564	Multiobjective optimization using adaptive range Genetic Algorithms with data envelopment analysis. <b>1998</b> ,	5
1563	Sampling size and efficiency bias in data envelopment analysis. <b>1998</b> , 2, 51-64	25
1562	Consistency Conditions for Regulatory Analysis of Financial Institutions: A Comparison of Frontier Efficiency Methods. <b>1998</b> ,	12
1561	Indicadores bibliom <sup>^</sup> tricos e econom <sup>^</sup> tricos para a avalia <sup>^</sup> o de institui <sup>^</sup> o <sup>^</sup> s cient <sup>^</sup> ficas. <b>1998</b> , 27, nd-nd	18

1560	A Nonparametric Efficiency Analysis for a Sample of Kansas Swine Operations. <b>1998</b> , 30, 189-199	30
1559	A Generalization of DEA Model. <b>1999</b> , 35, 1113-1118	1
1558	Performance Measurement of Hawaii State Public Libraries: An Application of Data Envelopment Analysis (DEA). <b>1999</b> , 28, 190-198	23
1557	Technical, allocative and economic efficiencies in swine production in Hawaii: a comparison of parametric and nonparametric approaches. <b>1999</b> , 20, 23-35	105
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1555	DEA-based robot selection procedure incorporating fuzzy criteria values.	3
1554	Data reduction techniques and hypothesis testing for analysis of benchmarking data. <b>1999</b> , 37, 1717-1741	6
1553	An aggregation model via fuzzy linear programming to rank the objects with multiple attributes. <b>1999</b> ,	
1552	Influence of information technology investment on firm productivity: a cross-sectional study. <b>1999</b> , 12, 120-129	38
1551	Technical efficiency of carp production in Pakistan. <b>1999</b> , 3, 131-141	32
1550	Profits and Productivity. <b>1999</b> , 45, 1177-1193	130
1549	.	
1548	A multi-objective optimization method combining generalized data envelopment analysis and genetic algorithms.	
1547	A comparative application of data envelopment analysis and frontier translog production function for estimating returns to scale and efficiencies. <b>1999</b> , 30, 379-394	38
1546	Regional Efficiency in the Manufacturing Sector: Integrated Shift-Share and Data Envelopment Analysis. <b>1999</b> , 13, 183-199	14
1545	Data Envelopment Analysis and Its Use in Banking. <b>1999</b> , 29, 1-13	73
1544	Comparing University Libraries of Different University Size. <b>1999</b> , 49,	13
1543	Strategic groups and performance in the nursing home industry: a reexamination. <b>1999</b> , 56, 156-76	18

1542 Price Indexes for Nonmarketed Goods. **1999**, 121-132

1541 Evaluating the operating efficiency of international tourist hotels using the modified DEA model. **1999**, 4, 73-78 9

1540 Microeconomic Adjustment During Structural Reforms: The Nicaraguan Manufacturing Sector, 1991-1995. **1999**, 20, 545-566

1539 Measuring maintenance performance: a holistic approach. **1999**, 19, 691-715 115

1538 Benchmarks of the Efficiency of Bank Branches. **1999**, 29, 37-51 65

1537 Measuring the Efficiency of Service Delivery Processes: An Application to Retail Banking. **1999**, 1, 300-312 40

1536 Analyse de l'efficience des produits a l'aide des methodes d'enveloppe (Data Envelopment Analysis) Une application au marche des lave-vaisselle. **1999**, 14, 40-57 1

1535 Assessing the Performance of Municipal Police Services Using Data Envelopment Analysis: An Exploratory Study. **1999**, 31, 18-30 40

1534 A framework for designing efficient value chain networks. **1999**, 62, 133-144 98

1533 Evaluating the efficiency of system integration projects using data envelopment analysis (DEA) and machine learning. **1999**, 16, 283-296 40

1532 A methodological framework for evaluating environmentally conscious manufacturing programs. **1999**, 36, 793-810 128

1531 Estimating returns to scale using non-parametric deterministic technologies: A new method based on goodness-of-fit. *European Journal of Operational Research*, **1999**, 113, 206-214 5.6 105

1530 Performance benchmarking using interactive data envelopment analysis. *European Journal of Operational Research*, **1999**, 115, 472-487 5.6 89

1529 Optimization modeling for estimating and enhancing relative efficiency with application to industrial companies. *European Journal of Operational Research*, **1999**, 115, 488-496 5.6 16

1528 Measuring efficiency with quasiconcave production frontiers. *European Journal of Operational Research*, **1999**, 115, 497-506 5.6 29

1527 Technical efficiency and distance to a reverse convex set. *European Journal of Operational Research*, **1999**, 114, 178-187 5.6 31

1526 An enhanced DEA Russell graph efficiency measure. *European Journal of Operational Research*, **1999**, 115, 596-607 5.6 316

1525 Measuring efficiency by a single price system. *European Journal of Operational Research*, **1999**, 115, 616-623 13

1524	Side effects of absolute weight bounds in DEA models. <i>European Journal of Operational Research</i> , <b>1999</b> , 115, 583-595	5.6	48
1523	A benchmark approach for baseball evaluation. <i>European Journal of Operational Research</i> , <b>1999</b> , 115, 429-448	5.6	52
1522	A multiple criteria approach to data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1999</b> , 115, 507-517	5.6	237
1521	A statistical test for detecting influential observations in DEA. <i>European Journal of Operational Research</i> , <b>1999</b> , 115, 542-554	5.6	46
1520	Fuzzy scores of technical efficiency. <i>European Journal of Operational Research</i> , <b>1999</b> , 115, 529-541	5.6	44
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1517	Data envelopment scenario analysis for setting targets to electricity generating plants. <i>European Journal of Operational Research</i> , <b>1999</b> , 115, 413-428	5.6	67
1516	Efficiency based production planning and control models. <i>European Journal of Operational Research</i> , <b>1999</b> , 117, 450-469	5.6	8
1515	Using data envelopment analysis for costing bank products. <i>European Journal of Operational Research</i> , <b>1999</b> , 114, 234-248	5.6	41
1514	Tariff structure of Japanese electric power companies: An empirical analysis using DEA. <i>European Journal of Operational Research</i> , <b>1999</b> , 118, 350-374	5.6	29
1513	Radial DEA models without inputs or without outputs. <i>European Journal of Operational Research</i> , <b>1999</b> , 118, 46-51	5.6	202
1512	Nonparametric analysis of educational costs. <i>European Journal of Operational Research</i> , <b>1999</b> , 119, 605-618	5.6	14
1511	An application of data envelopment analysis in telephone office evaluation with partial data. <b>1999</b> , 26, 59-72		64
1510	The Management of Universities; Scottish Economic Society/Royal Bank of Scotland Annual Lecture, 1999. <b>1999</b> , 46, 505-522		19
1509	Measuring Technical Efficiency in Australian Credit Unions. <b>1999</b> , 67, 231-248		33
1508	Economic openness and technical efficiency: A case study of Chinese manufacturing industries. <b>1999</b> , 7, 615-636		44
1507	Evaluation of Efficiency in Primary Health Care Centres: An Application of Data Envelopment Analysis. <b>1999</b> , 15, 67-83		23



1506	Performance des activités d'éducation et de recherche des systèmes d'enseignement supérieur de l'OCDE. <b>1999</b> , 70, 659-686		3
1505	The Potential Benefits of Hilmer and Related Reforms: Electricity Supply. <b>1999</b> , 32, 17-30		18
1504	Performance Indicators and Efficiency Measurement in Public Libraries. <b>1999</b> , 32, 31-42		57
1503	Scale Efficiency in the New Zealand Dairy Industry: a Non-parametric Approach. <b>1999</b> , 43, 523-541		60
1502	Telecommunications productivity, catch-up and innovation. <b>1999</b> , 23, 65-81		46
1501	DEA-discriminant analysis in the view of goal programming. <i>European Journal of Operational Research</i> , <b>1999</b> , 115, 564-582	5.6	81
1500	A note on robustness of the efficient DMUs in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>1999</b> , 112, 240-244	5.6	4
1499	Efficiency estimation and error decomposition in the stochastic frontier model: A Monte Carlo analysis. <i>European Journal of Operational Research</i> , <b>1999</b> , 115, 555-563	5.6	52
1498	Characterizing an equitable allocation of shared costs: A DEA approach. <i>European Journal of Operational Research</i> , <b>1999</b> , 119, 652-661	5.6	142
1497	Competitive analysis of manufacturing plants: An application to the US processed food industry. <i>European Journal of Operational Research</i> , <b>1999</b> , 118, 217-234	5.6	21
1496	Linking industrial competitiveness and productivity at the firm level. <i>European Journal of Operational Research</i> , <b>1999</b> , 118, 271-277	5.6	26
1495	ASSESSING THE EFFICIENCY OF PUBLIC SCHOOLS USING DATA ENVELOPMENT ANALYSIS AND FRONTIER REGRESSION. <b>1999</b> , 17, 321-331		86
1494	A project evaluation system in the state economic information system of China An operations research practice in public sectors. <b>1999</b> , 6, 441-452		36
1493	A DEA Framework to Assess the Efficiency of the Software Requirements Capture and Analysis Process*. <b>1999</b> , 30, 503-531		18
1492	Organisation form, scale effects and efficiency in the British bus industry. <b>1999</b> , 26, 231-248		68
1491	Empirical Studies Applied to Software Process Models. <b>1999</b> , 4, 353-369		5
1490	Efficiency measurement of health care: a review of non-parametric methods and applications. <b>1999</b> , 2, 161-72		233
1489	RAM: A Range Adjusted Measure of Inefficiency for Use with Additive Models, and Relations to Other Models and Measures in DEA. <b>1999</b> , 11, 5-42		447

1488	Using Simulation and Data Envelopment Analysis to Compare Assembly Line Balancing Solutions. <b>1999</b> , 11, 149-168	15
1487	Incorporating the Operating Environment Into a Nonparametric Measure of Technical Efficiency. <b>1999</b> , 12, 249-267	243
1486	Sensitivity and Stability of the Classifications of Returns to Scale in Data Envelopment Analysis. <b>1999</b> , 12, 55-75	27
1485	Probabilistic Bounds on the Virtual Multipliers in Data Envelopment Analysis: Polyhedral Cone Constraints. <b>1999</b> , 12, 103-133	4
1484	Parametric and Nonparametric Approaches to Benchmarking the Regulated Firm. <b>1999</b> , 12, 211-231	11
1483	Sources of regional inefficiency An integrated shift-share, data envelopment analysis and input-output approach. <b>1999</b> , 33, 469-489	27
1482	Planning merchandising decisions to account for regional and product assortment differences. <b>1999</b> , 75, 405-424	100
1481	Measurement of campaign efficiency using data envelopment analysis. <b>1999</b> , 18, 379-395	3
1480	An investigation of returns to scale in data envelopment analysis. <b>1999</b> , 27, 1-11	131
1479	DEA sensitivity analysis by changing a reference set: regional contribution to Japanese industrial development. <b>1999</b> , 27, 139-153	26
1478	Measurement of the performance of an investment bank using the operational competitiveness rating procedure. <b>1999</b> , 27, 201-217	37
1477	DEA non-parametric ranking test and index measurement: slack-adjusted DEA and an application to Japanese agriculture cooperatives. <b>1999</b> , 27, 315-326	66
1476	Performance evaluation based on multiple attributes with nonparametric frontiers. <b>1999</b> , 27, 637-645	38
1475	The efficiency and productivity of Japanese securities firms, 1988-93. <b>1999</b> , 11, 115-133	20
1474	DEA efficiency profiles of U.S. banks operating internationally. <b>1999</b> , 8, 165-182	43
1473	A quantile-based approach for relative efficiency measurement. <b>1999</b> , 20, 403-410	3
1472	Learning from input-output mixes in DEA: a proportional measure for slack-based efficient projections. <b>1999</b> , 20, 151-161	4
1471	An application reference for data envelopment analysis in branch banking: helping the novice researcher. <b>1999</b> , 17, 206-220	124

1470	A multi-criteria data envelopment analysis model for measuring the productive efficiency of hospitals. <b>1999</b> , 19, 879-891	46
1469	Data Envelopment Analysis in the Service Sector. <b>1999</b> ,	4
1468	A data envelopment analysis approach to evaluation of operational inefficiencies in power generating units: a case study of Indian power plants. <b>1999</b> , 14, 419-425	45
1467	Benchmarking COTS projects using data envelopment analysis.	12
1466	On Estimation of Monotone and Concave Frontier Functions. <b>1999</b> , 94, 220-228	121
1465	A decision model for evaluation of flexible manufacturing systems in the presence of both cardinal and ordinal factors. <b>1999</b> , 37, 2927-2938	58
1464	DEA Duality on Returns to Scale (RTS) in Production and Cost Analyses: An Occurrence of Multiple Solutions and Differences Between Production-Based and Cost-Based RTS Estimates. <b>1999</b> , 45, 1593-1608	65
1463	Malmquist indices of productivity change in Australian financial services. <b>1999</b> , 9, 303-320	51
1462	An application of data envelopment analysis to irrigated dairy farms in Northern Victoria, Australia. <b>1999</b> , 59, 267-282	106
1461	Efficiency of government-supported horticulture: the case of Oman. <b>1999</b> , 62, 159-168	16
1460	Fractional programming: a tool for the assessment of sustainability. <b>1999</b> , 62, 131-141	25
1459	The impact of mergers on credit union service provision. <b>1999</b> , 23, 367-386	88
1458	An analysis of the financial performance of defense business segments using data envelopment analysis. <b>1999</b> , 18, 287-310	20
1457	Productivity and efficiency in the UK: a time series application of DEA. <b>1999</b> , 16, 105-122	16
1456	An analysis of the effectiveness of Spanish primary health care teams. <b>1999</b> , 48, 107-17	39
1455	Operations, Quality, and Profitability in the Provision of Banking Services. <b>1999</b> , 45, 1221-1238	208
1454	Technical efficiency of carp pond culture in peninsula Malaysia: an application of stochastic production frontier and technical inefficiency model. <b>1999</b> , 175, 199-213	48
1453	Economic efficiency and optimum stocking densities in fish polyculture: an application of data envelopment analysis (DEA) to Chinese fish farms. <b>1999</b> , 180, 207-221	75

1452	Profitability and Marketability of the Top 55 U.S. Commercial Banks. <b>1999</b> , 45, 1270-1288	638
1451	A Value Efficiency Approach to Incorporating Preference Information in Data Envelopment Analysis. <b>1999</b> , 45, 103-115	200
1450	Bootstrapping the data envelopment analysis Malmquist productivity index. <b>1999</b> , 31, 417-425	41
1449	Setting Achievement Targets for School Children. <b>1999</b> , 7, 101-119	54
1448	Efficiency Evaluation in Secondary Schools: the key role of model specification and of ex post analysis of results. <b>1999</b> , 7, 131-152	34
1447	Testing scale efficiency in DEA models: a bootstrapping approach. <b>1999</b> , 31, 1231-1237	27
1446	Firing and Hiring of Managers: Does Efficiency Matter?. <b>1999</b> , 25, 567-585	36
1445	Corporate Firm Performance in Russia, 1991-1995: An Efficiency Analysis. <b>1999</b> , 27, 514-533	37
1444	Theoretische Begründung einer Effizienzanalyse mittels Data Envelopment Analysis (DEA). <b>1999</b> , 51, 411-436	12
1443	Electronic Commerce Resource Centers: An Industry-University Partnership. <b>1999</b> , 13, 127-134	
1442	RESOURCE ALLOCATION PROBLEM BASED ON THE DEA MODEL. <b>1999</b> , 42, 149-166	4
1441	Infeasibility Of Super-Efficiency Data Envelopment Analysis Models. <b>1999</b> , 37, 174-187	215
1440	SEAE-SES enterprise alternative evaluator: design and implementation of a manufacturing enterprise alternative evaluation tool. <b>1999</b> , 3696, 136	
1439	Remarks on Mathematical Model Building. <b>1999</b> ,	
1438	References. <b>2000</b> , 311-328	2
1437	Performance Measurement and Data Envelopment Analysis. <b>2000</b> , 13, 3-8	11
1436	Nonparametric Performance Evaluation with Multiple Constituencies. <b>2000</b> , 33, 973-976	
1435	Estimating Inefficiencies in Banking: A Survey. <b>2000</b> , 11, 1-33	10

1434	The genesis of the New Zealand Parliament's Treaty of Waitangi (Fisheries Claims) Settlement Act, 1992. <b>2000</b> , 1, 80	1
1433	A radical scoring system for the European Foundation for Quality Management Business Excellence Model. <b>2000</b> , 15, 8-11	5
1432	Decision-making tools for public productivity improvement: a comparison of DEA to cost-benefit and regression analyses(1). <b>2000</b> , 12, 625-648	5
1431	Technischer Fortschritt und Produktivität - Veränderungen in der deutschen Versicherungswirtschaft / Efficiency Progress and Productivity Change in Germany Insurance Industry. <b>2000</b> , 220, 565-591	4
1430	Measuring Efficiency in Local Governments' Planning and Regulatory Function. <b>2000</b> , 23, 469	26
1429	A MULTIPLE OBJECTIVE PROGRAMMING APPROACH TO DATA ENVELOPMENT ANALYSIS. <b>2000</b> , 270-285	14
1428	Efficiency and Productive Specialization: An Application to the Spanish Regions. <b>2000</b> , 34, 829-842	39
1427	Public Sector Performance: Move or Monitor?. <b>2000</b> , 66, 820	
1426	Assessing the operating efficiencies of teaching hospitals by an enhancement of the AHA/AAMC method. American Hospital Association/Association of American Medical Colleges. <b>2000</b> , 75, 28-40	35
1425	The use of frontier estimation in direct marketing. <b>2000</b> , 14, 33-42	10
1424	ACADEMIA decision support system for faculty performance reviews. <b>2000</b> , 9, 191-204	12
1423	Cost and productivity. <b>2000</b> , 21, 19-30	14
1422	The efficiency of conventional fuel power plants in South Korea: A comparison of parametric and non-parametric approaches. <b>2000</b> , 63, 59-67	75
1421	An extended Färe Lovell technical efficiency measure. <b>2000</b> , 65, 191-199	23
1420	Performance-based strategic resource allocation in supply networks. <b>2000</b> , 63, 255-266	27
1419	A cone-ratio DEA approach for AMT justification. <b>2000</b> , 66, 119-129	86
1418	A data envelopment analysis of the levels and determinants of coal-fired electric power generation performance. <b>2000</b> , 9, 47-59	72
1417	On the regulatory application of efficiency measures. <b>2000</b> , 9, 81-92	17

1416	The efficiency of the community dental service in England: a data envelopment analysis. <b>2000</b> , 28, 274-80		15
1415	A holistic approach to compare energy efficiencies of different transport modes. <b>2000</b> , 28, 743-747		92
1414	Inter-company comparison using modified TOPSIS with objective weights. <b>2000</b> , 27, 963-973		571
1413	Evaluating productive efficiency in telecommunications: evidence from Greece. <b>2000</b> , 24, 781-794		30
1412	An inverse DEA model for inputs/outputs estimate. <i>European Journal of Operational Research</i> , <b>2000</b> , 121, 151-163	5.6	121
1411	Industry performance and structural efficiency measures: Solutions to problems in firm models. <i>European Journal of Operational Research</i> , <b>2000</b> , 121, 164-174	5.6	47
1410	A DEA model for the efficiency evaluation of nondominated paths on a road network. <i>European Journal of Operational Research</i> , <b>2000</b> , 121, 549-558	5.6	9
1409	Efficiency measurement for multi-product industries: A comparison of classic and recent techniques based on simulated data. <i>European Journal of Operational Research</i> , <b>2000</b> , 121, 559-578	5.6	43
1408	Multi-factor performance measure model with an application to Fortune 500 companies. <i>European Journal of Operational Research</i> , <b>2000</b> , 123, 105-124	5.6	288
1407	A comparative analysis of DEA as a discrete alternative multiple criteria decision tool. <i>European Journal of Operational Research</i> , <b>2000</b> , 123, 543-557	5.6	115
1406	Rating of Indian commercial banks: A DEA approach. <i>European Journal of Operational Research</i> , <b>2000</b> , 124, 187-203	5.6	114
1405	A nonparametric stochastic procedure for FMS evaluation. <i>European Journal of Operational Research</i> , <b>2000</b> , 124, 529-538	5.6	44
1404	Determining the relative efficiency of MBA programs using DEA. <i>European Journal of Operational Research</i> , <b>2000</b> , 125, 656-669	5.6	86
1403	Using DEA to obtain efficient solutions for multi-objective 0-1 linear programs. <i>European Journal of Operational Research</i> , <b>2000</b> , 126, 51-68	5.6	26
1402	The use of data envelopment analysis in the regulation of UK water utilities: Water distribution. <i>European Journal of Operational Research</i> , <b>2000</b> , 126, 436-453	5.6	119
1401	The generalized DEA model and the convex cone constrained game. <i>European Journal of Operational Research</i> , <b>2000</b> , 126, 515-525	5.6	7
1400	Further discussion on linear production functions and DEA. <i>European Journal of Operational Research</i> , <b>2000</b> , 127, 611-618	5.6	16
1399	DEA and its use in the regulation of water companies. <i>European Journal of Operational Research</i> , <b>2000</b> , 127, 1-13	5.6	101

1398	An analysis of the operational efficiency of major airports in the United States. <b>2000</b> , 18, 335-351		202
1397	Fuzzy efficiency measures in data envelopment analysis. <b>2000</b> , 113, 427-437		305
1396	Cost efficiency in Australian non-bank financial institutions: A non-parametric approach. <b>2000</b> , 40, 75-98		18
1395	Régie, Réglementation et performance des coopératives financières. <b>2000</b> , 71, 607-636		7
1394	Cost Efficiency in Australian Local Government: A Comparative Analysis of Mathematical Programming and Econometrical Approaches. <b>2000</b> , 16, 201-223		74
1393	Time Series Analysis of Deregulatory Dynamics and Technical Efficiency: The Case of the U.S. Airline Industry. <b>2000</b> , 41, 203-218		55
1392	Measuring technical efficiency. <i>European Journal of Operational Research</i> , <b>2000</b> , 121, 138-150	5.6	19
1391	Efficient storage allocation for processing in backlog-controlled queueing networks using multicriteria techniques. <i>European Journal of Operational Research</i> , <b>2000</b> , 124, 539-549	5.6	6
1390	An extended DEA model: Appending an additional input to make all DMUs at least weakly efficient. <i>European Journal of Operational Research</i> , <b>2000</b> , 125, 25-33	5.6	11
1389	Returns to scale and scale elasticity in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2000</b> , 125, 93-112	5.6	59
1388	Restricting weights in value efficiency analysis. <i>European Journal of Operational Research</i> , <b>2000</b> , 126, 175-188	5.6	45
1387	Assessing the relative efficiency and productivity growth of vehicle inspection services: An application of DEA and Malmquist indices. <i>European Journal of Operational Research</i> , <b>2000</b> , 126, 501-514	5.6	65
1386	An AHP/DEA methodology for ranking decision making units. <b>2000</b> , 7, 109-124		169
1385	The extent of resource use inefficiencies in cotton production in Pakistan's Punjab: an application of Data Envelopment Analysis. <b>2000</b> , 22, 321-330		65
1384	A framework for measuring the efficiency of organizational investments in information technology using data envelopment analysis. <b>2000</b> , 28, 125-141		80
1383	Stochastic DEA for restructure strategy: an application to a Japanese petroleum company. <b>2000</b> , 28, 385-398		77
1382	Productivity estimation and the size-efficiency relationship in English and Welsh police forces: An application of data envelopment analysis and multiple discriminant analysis. <b>2000</b> , 20, 53-73		43
1381	Productivity and efficiency in the US: effects of business cycles and public capital. <b>2000</b> , 30, 663-681		28

1380	A unified additive model approach for evaluating inefficiency and congestion with associated measures in DEA. <b>2000</b> , 34, 1-25	117
1379	Network DEA. <b>2000</b> , 34, 35-49	634
1378	Efficient provision of child quality of life in less developed countries: conventional development indexes versus a programming approach to development indexes. <b>2000</b> , 34, 51-67	20
1377	Project prioritization: a resource-constrained data envelopment analysis approach. <b>2000</b> , 34, 85-99	57
1376	Partitioning input cost efficiency into its allocative and technical components: an empirical DEA application to hospitals. <b>2000</b> , 34, 199-218	49
1375	Multicriteria spatial allocation of educational resources: an overview. <b>2000</b> , 34, 219-235	40
1374	Measuring Organizational Flexibility. <b>2000</b> , 64, 23-38	25
1373	DEA and Activity Planning under Asymmetric Information. <b>2000</b> , 13, 7-48	62
1372	Statistical Inference in Nonparametric Frontier Models: The State of the Art. <b>2000</b> , 13, 49-78	564
1371	Fuzzy Pair-wise Dominance and Implications for Technical Efficiency Performance Assessment. <b>2000</b> , 13, 207-230	9
1370	Marginal Rates and Elasticities of Substitution with Additive Models in DEA. <b>2000</b> , 13, 105-123	43
1369	A Benchmarking Method for Business-Process Reengineering and Improvement. <b>2000</b> , 12, 291-304	35
1368	Short-run and long-run efficiency measures for multiplant firms. <b>2000</b> , 97, 379-388	10
1367	The impact of the Austrian hospital financing reform on hospital productivity: empirical evidence on efficiency and technology changes using a non-parametric input-based Malmquist approach. <b>2000</b> , 3, 309-21	56
1366	Technical efficiency and economies of diversification in health care. <b>2000</b> , 3, 299-307	18
1365	Multicomponent Efficiency Measurement and Shared Inputs in Data Envelopment Analysis: An Application to Sales and Service Performance in Bank Branches. <b>2000</b> , 14, 209-224	179
1364	Technical efficiency of tilapia growout pond operations in the Philippines. <b>2000</b> , 4, 33-47	53
1363	Using data envelopment analysis to compare suppliers for supplier selection and performance improvement. <b>2000</b> , 5, 143-150	284



1362	Using multicriteria methods in environmental planning and management. <b>2000</b> , 26, 595-605	275
1361	A generalized additive, categorical model in data envelopment analysis. <b>2000</b> , 8, 235-263	0
1360	Total factor productivity, the east Asian miracle, and the world production frontier. <b>2000</b> , 136, 111-136	11
1359	EFFICIENCY-MEASURING DEA MODEL FOR PRODUCTION SYSTEM WITH k INDEPENDENT SUBSYSTEMS. <b>2000</b> , 43, 343-354	28
1358	Do primary care physicians or specialists provide more efficient care?. <b>2000</b> , 13, 90-6	29
1357	Evaluating Efficiencies of Turbofan Jet Engines: A Data Envelopment Analysis Approach. <b>2000</b> , 16, 431-439	18
1356	Incorporating Behavioural, Social, and Organizational Phenomena in the Assessment of Climate Change Mitigation Options. <b>2000</b> , 1-64	15
1355	Efficiency Measurement in the Hotel Industry: Output Factor Constrained DEA Application. <b>2000</b> , 11, 111-123	21
1354	The Impact of External Control Arrangements on Organizational Performance. <b>2000</b> , 32, 282-304	6
1353	A quality assurance-oriented methodology for handling trade-offs in supplier selection. <b>2000</b> , 30, 96-112	110
1352	A Measurement of Bank Efficiency, Ownership and Productivity Changes in Taiwan. <b>2000</b> , 20, 95-109	52
1351	Top management team impact on strategic assets accumulation capabilities. <b>2000</b> , 38, 694-710	11
1350	The appropriate use of performance measurement in non-production activity. <b>2000</b> , 20, 336-358	15
1349	The impact of managerial characteristics on strategic assets management capabilities. <b>2000</b> , 6, 97-107	12
1348	Erratum. <b>2000</b> , 18, 246-252	47
1347	Assessing efficiency of transit service.	4
1346	Measuring retailer performance: Towards an understanding of productivity. <b>2000</b> , 9, 160-173	12
1345	Characteristics of health maintenance organizations and their influence on efficiency. <b>2000</b> , 13, 40-56	15

1344	Optimization of staff numbers in the process industries: an application of DEA. <b>2000</b> , 21, 47-60	21
1343	An empirical survey of frontier efficiency measurement techniques in local government. <b>2000</b> , 26, 23-52	60
1342	The Optimal Performance of the Global Firm: Formalizing and Extending the Integration-Responsiveness Framework. <b>2000</b> , 11, 674-695	99
1341	Assessing technical efficiency of research libraries. 243-339	7
1340	GENERALIZED DATA ENVELOPMENT ANALYSIS AND ITS APPLICATION. <b>2000</b> , 227-248	
1339	Measuring efficiency of semiconductor manufacturing operations using data envelopment analysis (DEA).	5
1338	Measuring the Research Performance of Chinese Higher Education Institutions: An Application of Data Envelopment Analysis. <b>2000</b> , 8, 139-156	71
1337	An Assurance Interval for the Non-Archimedean Epsilon in DEA Models. <b>2000</b> , 48, 344-347	64
1336	Trade Reform Dynamics and Technical Efficiency: The Peruvian Experience. <b>2000</b> , 14, 309-330	9
1335	Chapter 24 Economics of dental services. <b>2000</b> , 1, 1251-1296	15
1334	Measuring the efficiency of Spanish municipal refuse collection services. <b>2000</b> , 26, 71-90	73
1333	Measuring the Robustness of Empirical Efficiency Valuations. <b>2000</b> , 46, 807-823	19
1332	Handbook of Insurance. <b>2000</b> ,	27
1331	The Use of Data Envelopment Analysis in Banking Institutions: Evidence from the Commercial Bank of Greece. <b>2000</b> , 30, 81-95	73
1330	A Study of Technical Efficiencies of CPA Firms in Taiwan. <b>2000</b> , 03, 27-44	20
1329	Technical and scale efficiency of vocational education and training institutions: The case of the New Zealand polytechnics. <b>2000</b> , 34, 1-23	10
1328	The Incidence of Surplus Labor in Rural China: A Nonparametric Estimation. <b>2000</b> , 28, 565-580	11
1327	Convergence in telecommunications infrastructure development in OECD countries. <b>2000</b> , 12, 111-131	27

1326	Self-organizing fuzzy aggregation models to rank the objects with multiple attributes. <b>2000</b> , 30, 573-580	26
1325	. <b>2000</b> , 30, 580-588	
1324	Sluggish giants, sticky cultures, and dynamic capability transformation. <b>2000</b> , 15, 59-78	33
1323	THE INTER-REGIONAL ECONOMIC IMPACT OF MICROECONOMIC REFORM. <b>2000</b> , 19, 44-53	3
1322	AN ECONOMIC EVALUATION OF THE AUSTRALIAN POSTAL CORPORATION ACT 1989. <b>2000</b> , 19, 1-15	3
1321	Farm household efficiency in Bangladesh: a comparison of stochastic frontier and DEA methods. <b>2000</b> , 32, 1665-1673	200
1320	Traffic signal networks simulator with learning emotional algorithm.	1
1319	On the consistency of the DEA-based average efficiency bootstrap. <b>2000</b> , 7, 53-57	4
1318	An implementation of logical analysis of data. <b>2000</b> , 12, 292-306	243
1317	An optimization approach to determining the number of vendors to employ. <b>2000</b> , 5, 90-98	177
1316	Convex Input and Output Projections of Nonconvex Production Possibility Sets. <b>2000</b> , 46, 858-869	52
1315	Data Envelopment Analysis with Fuzzy Input-Output Data. <b>2000</b> , 296-307	8
1314	A general methodology for bootstrapping in non-parametric frontier models. <b>2000</b> , 27, 779-802	665
1313	Graph efficiency and productivity measures: an application to US agriculture. <b>2001</b> , 33, 1433-1442	38
1312	Measurement of Technical Efficiency in Public Education: A Stochastic and Nonstochastic Production Function Approach. <b>2001</b> , 67, 889	43
1311	A DEA study to evaluate the relative efficiency and investigate the district reorganization of the Taiwan Power Company. <b>2001</b> , 16, 170-178	42
1310	An estimation of X-inefficiency in Taiwan's banks. <b>2001</b> , 11, 237-242	25
1309	Introduction to the Theory and Application of Data Envelopment Analysis. <b>2001</b> ,	356

1308	Impact of Ownership and Competition on the Productivity of Chinese Enterprises. <b>2001</b> , 29, 327-346		111
1307	Value efficiency analysis of academic research. <i>European Journal of Operational Research</i> , <b>2001</b> , 130, 121-132	5.6	128
1306	Localised Technological Progress And Intra-Sectoral Structures Of Employment. <b>2001</b> , 10, 23-44		2
1305	X-efficiency in Australian banking: An empirical investigation. <b>2001</b> , 25, 613-630		220
1304	Can mergers ensure the survival of credit unions in the third millennium?. <b>2001</b> , 25, 2277-2304		46
1303	Estimating school efficiency. <b>2001</b> , 20, 417-429		36
1302	Assessing efficiency in the UK breast screening programme: does size of screening unit make a difference?. <b>2001</b> , 56, 21-32		11
1301	Messung der $\hat{\rho}$ oeffizienz mit Hilfe der Data Envelopment Analysis. <b>2001</b> , 118, 185-191		
1300	Technical efficiency, allocative efficiency, and the impact of incentive regulation in telecommunications in the United States. <b>2001</b> , 12, 59-73		6
1299	Analysis of the efficiency of local government services delivery. An application to urban public transport. <b>2001</b> , 35, 929-944		53
1298	Efficiency measurement of selected Australian and other international ports using data envelopment analysis. <b>2001</b> , 35, 107-122		173
1297	Measuring airport quality from the airlines' viewpoint: an application of data envelopment analysis. <b>2001</b> , 8, 171-181		181
1296	Relative efficiency of European airports. <b>2001</b> , 8, 183-192		138
1295	An application of DEA to measure the efficiency of Spanish airports prior to privatization. <b>2001</b> , 7, 149-157		170
1294	Industrial policy and resource allocation: implications on China's participation in globalization. <b>2001</b> , 11, 342-360		19
1293	Performance Evaluation in Stochastic Environments Using Mean-Variance Data Envelopment Analysis. <b>2001</b> , 49, 281-292		20
1292	Measuring performance in primary care: econometric analysis and DEA. <b>2001</b> , 33, 163-175		64
1291	Discussion of "integration of price cap and yardstick competition schemes in electrical distribution regulation". <b>2001</b> , 16, 940-942		

1290	Pre- and post-deregulation financial performance and efficiency in US Airlines.	1
1289	Assessing the rate of change in the enterprise database system market over time using DEA.	1
1288	MEASURING THE IMPACT OF PRICE CAPS ON PRODUCTIVE EFFICIENCY IN TELECOMMUNICATIONS IN THE UNITED STATES. <b>2001</b> , 46, 81-113	11
1287	Efficiency and productivity change in UK banking. <b>2001</b> , 11, 557-571	85
1286	THE IMPACT OF THE FINANCIAL CRISIS ON THE PRODUCTIVITY OF THAILAND'S FINANCIAL INSTITUTIONS. <b>2001</b> , 46, 153-177	3
1285	Productivity and technical change: the case of Taiwan. <b>2001</b> , 33, 1911-1925	35
1284	An Illustrative Application of Idea (Imprecise Data Envelopment Analysis) to a Korean Mobile Telecommunication Company. <b>2001</b> , 49, 807-820	133
1283	Medindo efici�ncia em desenvolvimento de sistemas. <b>2001</b> , 11, 89-101	
1282	Remeasuring the HDI by Data Envelopment Analysis. <b>2001</b> ,	40
1281	Rentabilidade e efici�ncia no setor banc�rio brasileiro. <b>2001</b> , 5, 7-26	10
1280	Avalia�o e sele�o de fundos de investimento: um enfoque sobre m�ltiplos atributos. <b>2001</b> , 5, 7-22	18
1279	Technical Efficiency, Allocative Efficiency, and the Implementation of a Price Cap Plan in Telecommunications in the United States. <b>2001</b> , 4, 163-186	11
1278	Rules Versus Discretion: The Productivity Consequences of Flexible Regulation. <b>2001</b> , 44, 170-179	60
1277	Management of standardised public services: a comprehensive approach to quality assessment. <b>2001</b> , 11, 331-341	22
1276	Benchmarking the Efficiency of Government Warehouse Operations: A Data Envelopment Analysis Approach. <b>2001</b> , 3, 19-40	
1275	Deregulation and operating efficiency: the case of the Greek banks. <b>2001</b> , 27, 35-47	23
1274	Portfolio Evaluation and Benchmark Selection. <b>2001</b> , 4, 9-19	47
1273	Data Envelopment Analysis for the performance evaluation of air conditioning and refrigeration companies in Thailand. <b>2001</b> , 3, 276	4

1272	Steady and transient flamelet modelling of turbulent non-premixed combustion. <b>2001</b> , 1, 29	3
1271	Book Reviews. <b>2001</b> , 31, 115-123	
1270	A New Approach to Performance Measurement and Goal Setting. <b>2001</b> , 31, 44-54	8
1269	On the efficiency of public, welfare and private hospitals in Germany over time: a sectoral data envelopment analysis study. <b>2001</b> , 14, 263-74	34
1268	Performance of Brazilian supermarkets: a comparative analysis between large and small store chains. <b>2001</b> , 8, 339-348	3
1267	Longitudinal study of health maintenance organization efficiency. <b>2001</b> , 14, 249-62	10
1266	Productivity of the Service Sector: A Regional Perspective. <b>2001</b> , 21, 123-148	2
1265	Measuring Technical Efficiency in Data Envelopment Analysis. <b>2001</b> , 38, 456-483	3
1264	A Data Envelopment Analysis of Comparative Performance of Schools in the Netherlands. <b>2001</b> , 38, 160-182	13
1263	A note on productive efficiency in telecommunications in the USA. <b>2001</b> , 3, 66	
1262	Data Envelopment Analysis aus entscheidungstheoretischer Sicht. <b>2001</b> , 23, 223-242	4
1261	Data envelopment analysis. <b>2001</b> , 46, 1321-1332	23
1260	Fuzzy DEA: a perceptual evaluation method. <b>2001</b> , 119, 149-160	291
1259	Comparative Risk Assessment of energy supply technologies: a Data Envelopment Analysis approach. <b>2001</b> , 26, 197-203	46
1258	A hybrid threshold curve model for optimal yield management: neural networks and dynamic programming. <b>2001</b> , 40, 161-173	2
1257	An investigation of the sensitivity of DEA to data errors. <b>2001</b> , 41, 163-171	6
1256	A comment on multi-stage DEA methodology. <b>2001</b> , 28, 93-98	43
1255	Estimating bounds on the economy-wide effects of the CEF policy scenarios. <b>2001</b> , 29, 1299-1311	16

1254	Incentive regulation and the change in productive efficiency of local exchange carriers. <b>2001</b> , 25, 335-345		9
1253	Project evaluation and selection in a network of collaboration: A consensual disaggregation multi-criterion approach. <i>European Journal of Operational Research</i> , <b>2001</b> , 130, 332-346	5.6	32
1252	Estimating non-convex production sets $\bar{\cup}$ imposing convex input sets and output sets in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2001</b> , 131, 132-142	5.6	22
1251	Extended DEA-Discriminant Analysis. <i>European Journal of Operational Research</i> , <b>2001</b> , 131, 324-351	5.6	69
1250	DEA models for the explicit maximisation of relative efficiency. <i>European Journal of Operational Research</i> , <b>2001</b> , 131, 572-586	5.6	42
1249	A note on DEA vs principal component analysis: An improvement to Joe Zhu's approach. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 553-560	5.6	40
1248	Pitfalls and protocols in DEA. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 245-259	5.6	906
1247	Evaluation of deregulated airline networks using data envelopment analysis combined with principal component analysis with an application to Western Europe. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 260-273	5.6	233
1246	DEA-like models for efficiency evaluations of specialized and interdependent units. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 274-286	5.6	37
1245	Product mixes as objects of choice in non-parametric efficiency measurement. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 287-295	5.6	12
1244	A quasi-concave DEA model with an application for bank branch performance evaluation. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 296-311	5.6	58
1243	Measuring ecological efficiency with data envelopment analysis (DEA). <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 312-325	5.6	324
1242	DEA with efficiency classification preserving conditional convexity. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 326-342	5.6	41
1241	An application of DEA for comparative analysis and ranking of regions in Serbia with regards to social-economic development. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 343-356	5.6	49
1240	Decomposing school and school-type efficiency. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 357-373	5.6	72
1239	Transconcave data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 374-389	5.6	17
1238	Techniques for the assessment of influence in DEA. <i>European Journal of Operational Research</i> , <b>2001</b> , 132, 390-399	5.6	5
1237	From efficiency measurement to efficiency improvement: The choice of a relevant benchmark. <i>European Journal of Operational Research</i> , <b>2001</b> , 133, 512-520	5.6	80

1236	Measuring economic efficiency with incomplete price information: With an application to European commercial banks. <i>European Journal of Operational Research</i> , <b>2001</b> , 134, 43-58	5.6	66
1235	An empirical evaluation of environmental efficiencies and firm performance: Pollution prevention versus end-of-pipe practice. <i>European Journal of Operational Research</i> , <b>2001</b> , 135, 102-113	5.6	238
1234	A data envelopment analysis approach to measure the mutual fund performance. <i>European Journal of Operational Research</i> , <b>2001</b> , 135, 477-492	5.6	148
1233	The effect of competition on the efficiency of secondary schools in England. <i>European Journal of Operational Research</i> , <b>2001</b> , 135, 545-568	5.6	128
1232	A slacks-based measure of efficiency in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2001</b> , 130, 498-509	5.6	2436
1231	On measuring the inefficiency with the inner-product norm in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2001</b> , 133, 377-393	5.6	17
1230	A general model for automated business diagnosis. <i>European Journal of Operational Research</i> , <b>2001</b> , 130, 623-637	5.6	10
1229	Super-efficiency and DEA sensitivity analysis. <i>European Journal of Operational Research</i> , <b>2001</b> , 129, 443-455	5.6	164
1228	Generation of efficient frontiers in multi-objective optimization problems by generalized data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2001</b> , 129, 586-595	5.6	32
1227	Using data envelopment analysis to evaluate environmentally conscious waste treatment technology. <b>2001</b> , 9, 417-427		76
1226	The use of parametric and non-parametric frontier methods to measure the productive efficiency in the industrial sector: A comparative study. <b>2001</b> , 69, 265-275		50
1225	A caveat on the measurement of productive efficiency. <b>2001</b> , 69, 1-14		20
1224	Changing productive efficiency in telecommunications in the United States. <b>2001</b> , 72, 121-137		30
1223	Using data envelopment analysis to benchmark activities. <b>2001</b> , 73, 51-58		58
1222	Efficiency in pre-merger and post-merger non-bank financial institutions. <b>2001</b> , 22, 439-452		28
1221	Incentive regulation and the change in productive efficiency in telecommunications in the United States. <b>2001</b> , 17, 231-244		1
1220	Evaluating efficiency in the Norwegian bus industry using data envelopment analysis. <b>2001</b> , 28, 211-232		62
1219	A Computational Framework for Accelerating DEA. <b>2001</b> , 16, 63-78		23



1218	Sensitivity and Stability Analysis in DEA: Some Recent Developments. <b>2001</b> , 15, 217-246		140
1217	A Dual Approach to Nonconvex Frontier Models. <b>2001</b> , 16, 129-147		54
1216	An Economic Approach to Achievement and Improvement Indexes. <b>2001</b> , 56, 91-118		46
1215	Returns to Scale and Scale Elasticity in Farrell, Russell and Additive Models. <b>2001</b> , 16, 225-239		17
1214	The Economic Evaluation of Policing Activity: An Application of a Hybrid Methodology. <b>2001</b> , 12, 173-192		25
1213	Stochastic DEA Models With Different Types of Input-Output Disturbances. <b>2001</b> , 15, 95-113		47
1212	DETERMINING THE BASE COST OF EDUCATION: AN ANALYSIS OF OHIO SCHOOL DISTRICTS. <b>2001</b> , 19, 268-279		22
1211	Evaluating Effectiveness in Public Provision of Infrastructure and Equipment: The Case of Spanish Municipalities. <b>2001</b> , 15, 41-58		59
1210	Supplier Evaluation and Rationalization via Data Envelopment Analysis: An Empirical Examination. <b>2001</b> , 37, 28-37		147
1209	Productive efficiency of rural health clinics: the Midwest experience. <b>2001</b> , 17, 239-50		4
1208	Measuring Efficiency in Local Government: An Analysis of New South Wales Municipalities' Domestic Waste Management Function. <b>2001</b> , 29, 232-249		79
1207	Data envelopment analysis with resource constraints: An alternative model with non-discretionary factors. <i>European Journal of Operational Research</i> , <b>2001</b> , 128, 206-212	5.6	7
1206	Efficiency measurement in the stochastic frontier model. <i>European Journal of Operational Research</i> , <b>2001</b> , 129, 434-442	5.6	87
1205	Accounting for Air Pollution Emissions in Measures of State Manufacturing Productivity Growth. <b>2001</b> , 41, 381-409		229
1204	Les Caisses Rurales Face à l'Union Monétaire: Une Étude d'Efficacité Comparée. <b>2001</b> , 72, 135-154		1
1203	APEC and the Asian Economic Crisis: Early Signals from Productivity Trends. <b>2001</b> , 15, 325-341		7
1202	The Restructuring of Australian Railways: The Case of the Tasmanian Railways. <b>2001</b> , 41, 198-212		3
1201	Productivity Trends in Australian and New Zealand Manufacturing. <b>2001</b> , 34, 125-134		13

1200	Efficiency and Productivity Change of Non-Life Insurance Companies in Japan. <b>2001</b> , 6, 129-146	27
1199	Measuring Productivity and Quality Changes Using Data Envelopment Analysis: An Application to Catalan Hospitals. <b>2001</b> , 17, 219-245	28
1198	Valuing Publicly Provided Services. <b>2001</b> , 77, 291-304	2
1197	The efficiency of government expenditure: experiences from Africa. <b>2001</b> , 23, 433-467	168
1196	The effect of incentive regulation on productive efficiency in telecommunications. <b>2001</b> , 23, 825-846	26
1195	Investigating technical and scale efficiencies of Australian Universities through data envelopment analysis. <b>2001</b> , 35, 57-80	317
1194	The effects of teaching on hospital productivity. <b>2001</b> , 35, 189-204	46
1193	Multidimensional quality-of-life measure with an application to Fortune's best cities. <b>2001</b> , 35, 263-284	57
1192	Efficiency performance, control charts, and process improvement: complementary measurement and evaluation. <b>2001</b> , 48, 239-253	15
1191	A use of a nonparametric statistic for DEA frontier shift: the Kruskal and Wallis rank test. <b>2001</b> , 29, 1-18	95
1190	Greek hospitals: how well their resources are used. <b>2001</b> , 29, 73-83	41
1189	Sales performance measurement in bank branches. <b>2001</b> , 29, 299-307	148
1188	Estimation in DEA by possibility regression with the upper and lower approximations.	
1187	Prioritising highway accident sites: a data envelopment analysis model. <b>2001</b> , 52, 303-309	23
1186	Comparison of data envelopment analysis and deterministic parametric frontier approaches: an application in the Norwegian road construction sector. <b>2001</b> , 24, 111-134	5
1185	An analytical method for benchmarking best peer suppliers. <b>2001</b> , 21, 195-209	79
1184	Strategic performance evaluation: descriptive and prescriptive analysis. <b>2001</b> , 101, 390-399	28
1183	TESTING RESTRICTIONS IN NONPARAMETRIC EFFICIENCY MODELS. <b>2001</b> , 30, 159-184	60

1182 A mathematical programming approach to fuzzy efficiency ranking.

1181 Data Envelopment Analysis (DEA). **2001**, 3, 309-328 13

1180 La Evaluaci3n de los Fim de Renta Variable: Un Enfoque End3geno y Multiper3do. **2001**, 30, 67-102 3

1179 Optimistic Priority Weights with an Interval Comparison Matrix. **2001**, 344-348 2

1178 Agile supply chain management. **2001**, 359-376 2

1177 On the efficiency of public, welfare and private hospitals in Germany over time: a sectoral data envelopment analysis study. **2001**, 14, 263-274 39

1176 Longitudinal study of health maintenance organization efficiency. **2001**, 14, 249-262 15

1175 Assessing Capacity and Capacity Utilization in Fisheries When Data Are Limited. **2001**, 21, 482-497 30

1174 Estimating Technical and Scale Inefficiencies of Public Transit Systems. **2001**, 127, 187-194 33

1173 Ecoefficiency: how data envelopment analysis can be used by managers and researchers. **2001**, 5

1172 An Income Efficiency Model Approach to the Economic Consequences of Osha Cotton Dust Regulation. **2001**, 26, 69-89 8

1171 An Empirical Survey of Frontier Efficiency Measurement Techniques in Education. **2001**, 9, 245-268 192

1170 An Assessment of the Technical Efficiency of Construction Firms in Hong Kong. **2001**, 1, 21-29 7

1169 EFFICIENCY FRONTIERS: URBANIZATION AND DEVELOPMENT. **2001**, 22, 306-315 0

1168 A Semi-Infinite Programming Model In Data Envelopment Analysis. **2001**, 49, 369-385 17

1167 Human Capital, Gender and Organisation in Transition Agriculture: Measuring and Explaining the Technical Efficiency of Bulgarian and Hungarian Farms. **2001**, 13, 171-187 42

1166 EFFICIENCY ANALYSIS OF SMALL-SCALE WOOL PRODUCTION IN THE FORMER TRANSKEL SOUTH AFRICA. **2001**, 40, 641-655 6

1165 Efficiency and stock market performance in electric power generating companies. 0

1164	Using data envelopment analysis to assess macroeconomic policy performance. <b>2001</b> , 33, 407-416	56
1163	Planning for technology implementation: an SD(DEA) approach.	1
1162	Comparing the Performance of Multiple Human Service Providers Using Data Envelopment Analysis. <b>2002</b> , 26, 45-60	11
1161	Quality-Driven Query Answering for Integrated Information Systems. <b>2002</b> ,	80
1160	A model for performance monitoring of suppliers. <b>2002</b> , 40, 4257-4269	131
1159	Comparing multiobjective mathematical programming methods in the light of data envelopment analysis. <b>2002</b> , 5, 221-230	1
1158	Acquisition, efficiency and scale economies: An analysis of the British bus industry. <b>2002</b> , 22, 147-157	36
1157	Incorporating contextual information in public sector efficiency analyses: a comparative study of NSW local government. <b>2002</b> , 34, 453-464	38
1156	Measuring firm performance with DEA and prior information in Taiwan's banks. <b>2002</b> , 9, 201-204	20
1155	Multiple Criteria Optimization: State of the Art Annotated Bibliographic Surveys. <b>2002</b> ,	149
1154	Production Efficiency and Size in Norwegian Sawmilling. <b>2002</b> , 17, 566-575	22
1153	Note: Ranking DMUs with Infeasible Super-Efficiency DEA Models. <b>2002</b> , 48, 705-710	85
1152	Evaluating the productive efficiency and performance of US commercial banks. <b>2002</b> , 28, 3-25	64
1151	Performance benchmarking and strategic homogeneity of Indian banks. <b>2002</b> , 20, 122-139	72
1150	CLASSIFICATION INVARIANCE IN DATA ENVELOPMENT ANALYSIS. <b>2002</b> , 331-342	2
1149	THE CONCEPT OF ADMINISTRATIVE ELASTICITY. <b>2002</b> , 25, 1007-1019	1
1148	Slice models in general purpose modeling systems: An application to DEA. <b>2002</b> , 17, 1009-1032	6
1147	A methodology for monitoring system performance. <b>2002</b> , 40, 1567-1582	11

1146 A project resource management method for a single project with multiple participating organisations.

1145 The efficiency of accounting service provision. **2002**, 8, 195-217 15

1144 Using Data Envelopment Analysis to Evaluate the Performance of Municipal Bond Issuers. **2002**, 34, 20-28

1143 Data Envelopment Analysis by Multiobjective Linear Programming Methods. **2002**, 39-45 1

1142 Benchmarking Tools: An Application to Juvenile Justice Facility Performance. **2002**, 82, 423-439 11

1141 A Statistical Test for Nested Radial Dea Models. **2002**, 50, 728-735 106

1140 DEA: A Method for Ranking the Greenness of Design Decisions. **2002**, 124, 145-150 10

1139 Combining indicators of energy consumption and CO2 emissions: a cross-country comparison. **2002**, 17, 214 97

1138 Efficiency measurement of hospitals: issues and extensions. **2002**, 22, 306-313 18

1137 Efficiency of Banks in Croatia: A DEA Approach. **2002**, 44, 169-193 119

1136 Identifying manufacturing flexibility best practices in small and medium enterprises. **2002**, 22, 929-947 28

1135 A multi-dimensional empirical exploration of technology investment, coordination and firm performance. **2002**, 32, 591-609 32

1134 Australian mutual fund performance appraisal using data envelopment analysis. **2002**, 28, 60-73 69

1133 Estimating a Changepoint, Boundary, or Frontier in the Presence of Observation Error. **2002**, 97, 523-534 68

1132 Tourism Sustainability Through Destination Benchmarking Indicator Systems: The Case of Alpine Tourism. **2002**, 27, 21-33 21

1131 The technical efficiency of schools in Chile. **2002**, 34, 1533-1552 60

1130 Efficiency measurement of Australian public sector organisations. **2002**, 40, 274-298 19

1129 Technological Change, Technological Catch-up, and Capital Deepening: Relative Contributions to Growth and Convergence. **2002**, 92, 527-548 374

1128	Measuring the change in productive efficiency in telecommunications in the USA. <b>2002</b> , 29, 150-167	11
1127	Studies on the potential role of different energy sources in the 21st century. <b>2002</b> , 17, 311	
1126	An inductive model for holographic decision making in industrial workspace design. <b>2002</b> , 3, 211	
1125	Modeerscheinung oder strategische Notwendigkeit? Destinatio-benchmarking am Beispiel alpiner Wintersportorte. <b>2002</b> , 57, 20-28	1
1124	Publicly Provided Education. <b>2002</b> ,	30
1123	A STUDY ON SETTING A CRITICAL RAINFALL FOR THE WARNING AND EVACUATION BASED ON DATA ENVELOPMENT ANALYSIS. <b>2002</b> , 2002, 153-163	
1122	The Domestic Effects of Tight Monetary Policy in the Wake of Thailand's Financial Crisis. <b>2002</b> , 7, 242-266	5
1121	Efficiency Measurement of Factories Via Data Envelopment Analysis. <b>2002</b> , 42, 1521-1536	6
1120	An examination of the relationship between strategic group membership and hospital performance. <b>2002</b> , 27, 18-29	17
1119	A Linear Value Function In Mixed Mcdm Problems With Incomplete Preference Data: An Extreme Point Approach. <b>2002</b> , 40, 331-346	3
1118	USING DATA ENVELOPMENT ANALYSIS (DEA) TO EVALUATE ENVIRONMENTAL QUALITY AND JUSTICE: A DIFFERENT WAY OF LOOKING AT THE SAME OLD NUMBERS. <b>2002</b> , 25, 253-279	4
1117	Chapter 30 Publicly provided education. <b>2002</b> , 4, 2045-2141	84
1116	Assessing computer numerical control machines using data envelopment analysis. <b>2002</b> , 40, 2011-2039	79
1115	Statistical precision of DEA: a bootstrap application to Spanish public services. <b>2002</b> , 9, 127-132	7
1114	Optimizing multi-response problem in the Taguchi method by DEA based ranking method. <b>2002</b> , 19, 825-837	39
1113	Organizational Type and Efficiency in the Costa Rican Coffee Processing Sector. <b>2002</b> , 30, 296-316	23
1112	Integrated performance measurement design: insights from an application in aircraft maintenance. <b>2002</b> , 13, 229-248	59
1111	COST EFFICIENCY IN AUSTRALIAN GENERAL INSURERS: A NON-PARAMETRIC APPROACH. <b>2002</b> , 34, 89-108	30

1110	A comparative study of the cost efficiency of Italian bank conglomerates. <b>2002</b> , 28, 3-23	82
1109	Integrating Consumer Satisfaction into Productivity Indexes. <b>2002</b> , 201-217	4
1108	Evolution of banking efficiency within an unstable macroeconomic environment: the case of Turkish commercial banks. <b>2002</b> , 34, 2289-2301	57
1107	Sensitivity analysis of extreme efficient decision making units in DEA. <b>2002</b> , 5, 195-201	
1106	Measurement of the Technical Growth of Products by Using Data Envelopment Analysis. <b>2002</b> ,	
1105	General Discussion. <b>2002</b> , 1-20	
1104	The Basic CCR Model. <b>2002</b> , 21-39	1
1103	Measuring Operation, Market and Financial Efficiency in the Management of Taiwan's Banks. <b>2002</b> , 24, 15-27	10
1102	Searching the Efficient Frontier in Data Envelopment Analysis. <b>2002</b> , 543-558	2
1101	Efficiency in the provision of public services: a data envelopment analysis of UK public library systems. <b>2002</b> , 34, 649-657	69
1100	Evaluating the performance of calculus classes using operational research tools. <b>2002</b> , 27, 209-218	18
1099	X-efficiency and scale economies in policing: a comparative study using the distribution free approach and DEA. <b>2002</b> , 34, 1859-1870	39
1098	School Outcomes: Sharing the Responsibility Between Pupil and School1. <b>2002</b> , 10, 183-207	39
1097	Profitability and productivity of Chinese industrial firms: Measurement and ownership implications. <b>2002</b> , 13, 65-88	42
1096	The evaluation of bank branch performance using data envelopment analysis: A framework. <b>2002</b> , 13, 1-17	75
1095	Efficient use of airport capacity. <b>2002</b> , 36, 225-238	69
1094	Regulation, efficiency, and Granger causality. <b>2002</b> , 20, 1225-1245	17
1093	Trends in relationship lending and factors affecting relationship lending efficiency. <b>2002</b> , 26, 127-152	39

1092	Stochastic frontier estimation of a CES cost function: the case of higher education in Britain. <b>2002</b> , 21, 63-71	122
1091	ASSESSING LARGE MERGER PROPOSALS. <b>2002</b> , 21, 31-43	1
1090	The Structure of Growth in the South African Economy: Factor Accumulation and Total Factor Productivity Growth 1970-97*(1). <b>2002</b> , 70, 282-299	22
1089	[Primary care: decentralization and efficiency]. <b>2002</b> , 16, 401-7	5
1088	Application of Data Envelopment Analysis to the irrigated areas. <b>2002</b> ,	
1087	Cost Efficiency of the Chinese Banking Sector: A Comparison of Stochastic Frontier Analysis and Data Envelopment Analysis. <b>2002</b> ,	
1086	Efficiency Analysis of Public Libraries in Wards of the Ordinance-designated Cities. <b>2002</b> , 33, 165-182	
1085	Efficient strategies for new knowledge creation in small manufacturing firms during product innovation: concepts, methodological issues and empirical findings.	
1084	Aleatoriza <sup>ç</sup> ã e composi <sup>ç</sup> ã de medidas de prefer <sup>ê</sup> ncia. <b>2002</b> , 22, 87-103	7
1083	Productividad, competencia e innovaci <sup>õ</sup> n en la banca privada espa <sup>ñ</sup> ola (1900-1914). <b>2002</b> , 20, 543-575	2
1082	Computations in DEA. <b>2002</b> , 22, 165-182	11
1081	Economic Efficiency and Value Maximization in Banking Firms. <b>2002</b> ,	1
1080	On the evaluation of Brazilian landline telephone services companies. <b>2002</b> , 22, 231-246	3
1079	Data envelopment analysis - DEA and fuzzy sets to assess the performance of academic departments: a case study at Federal University of Santa Catarina - UFSC. <b>2002</b> , 22, 217-230	10
1078	Governance, Regulation and Mutual Financial Intermediaries Performance. <b>2002</b> ,	1
1077	Efficient Governance Structures, Corporate Investment, and Profitability. <b>2002</b> ,	3
1076	Determinants of internal audit efficiency. <b>2002</b> , 33, 53-62	3
1075	Measuring The Performance Of Ethical Mutual Funds: A DEA Approach. <b>2002</b> ,	0



1074	Knowledge worker performance analysis using DEA: an application to engineering design teams at Bell Canada. <b>2002</b> , 49, 161-172		29
1073	Measuring the relative efficiency of police precincts using data envelopment analysis. <b>2002</b> , 36, 51-71		62
1072	A one-model approach to congestion in data envelopment analysis. <b>2002</b> , 36, 231-238		35
1071	Further examination of Moore's law with data envelopment analysis. <b>2002</b> , 69, 465-477		29
1070	Purchasing performance evaluation: with data envelopment analysis. <b>2002</b> , 8, 123-134		62
1069	A potential use of data envelopment analysis for the inverse classification problem. <b>2002</b> , 30, 243-248		28
1068	The use of goal programming, regression analysis and data envelopment analysis for estimating efficient marginal costs of hospital services. <b>2002</b> , 11, 261-268		10
1067	Lancaster's characteristics approach revisited: product selection using non-parametric methods. <b>2002</b> , 23, 83-91		31
1066	Assessing academic department efficiency at a public university. <b>2002</b> , 23, 385-397		34
1065	Environmental efficiency analysis for ENI oil refineries. <b>2002</b> , 10, 85-92		100
1064	Technical efficiency and productivity change of China's iron and steel industry. <b>2002</b> , 76, 293-312		88
1063	Non-parametric production analysis in non-competitive environments. <b>2002</b> , 80, 279-294		18
1062	Fuzzy mathematical programming for multi objective linear fractional programming problem. <b>2002</b> , 125, 335-342		106
1061	Comparing the operational efficiency of the main European telecommunications organizations: A quantitative analysis. <b>2002</b> , 26, 595-606		31
1060	Hyperbolic efficiency and return to the dollar. <i>European Journal of Operational Research</i> , <b>2002</b> , 136, 671-679		55
1059	Small sample properties of ML, COLS and DEA estimators of frontier models in the presence of heteroscedasticity by A.N. Bojanic, S.B. Caudill and J.M. Ford, <i>European Journal of Operational Research</i> 108, 1998, 140-148: A comment. <i>European Journal of Operational Research</i> , <b>2002</b> , 136, 466-467	5.6	3
1058	DEA models for resource reallocation and production input/output estimation. <i>European Journal of Operational Research</i> , <b>2002</b> , 136, 19-31	5.6	95
1057	Estimating output allocative efficiency and productivity change: Application to Japanese banks. <i>European Journal of Operational Research</i> , <b>2002</b> , 137, 177-190	5.6	40

1056	Dual models of interval DEA and its extension to interval data. <i>European Journal of Operational Research</i> , <b>2002</b> , 136, 32-45	5.6	235
1055	Benchmark selection: An axiomatic approach. <i>European Journal of Operational Research</i> , <b>2002</b> , 137, 218-228	5.6	13
1054	Impacts of random noise and specification on estimates of capacity derived from data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2002</b> , 137, 10-21	5.6	33
1053	Dealing with interval scale data in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2002</b> , 137, 22-27	5.6	23
1052	An assessment of technical efficiency and cross-efficiency in Taiwan's electricity distribution sector. <i>European Journal of Operational Research</i> , <b>2002</b> , 137, 421-433	5.6	71
1051	Mean utility in the assurance region model. <i>European Journal of Operational Research</i> , <b>2002</b> , 140, 93-103	5.6	1
1050	A variable returns to scale data envelopment analysis model for the joint determination of efficiencies with an example of the UK health service. <i>European Journal of Operational Research</i> , <b>2002</b> , 141, 21-38	5.6	70
1049	Obnoxious-facility location and data-envelopment analysis: A combined distance-based formulation. <i>European Journal of Operational Research</i> , <b>2002</b> , 141, 495-514	5.6	22
1048	A multi-phase mathematical programming approach for effective supply chain design. <i>European Journal of Operational Research</i> , <b>2002</b> , 141, 544-558	5.6	181
1047	Measuring equity of educational outcomes in the presence of inefficiency. <i>European Journal of Operational Research</i> , <b>2002</b> , 142, 642-652	5.6	11
1046	Output-input ratio analysis and DEA frontier. <i>European Journal of Operational Research</i> , <b>2002</b> , 142, 476-486	5.6	39
1045	A slacks-based measure of super-efficiency in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2002</b> , 143, 32-41	5.6	802
1044	Separating managerial inefficiency and external conditions in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2002</b> , 143, 625-643	5.6	110
1043	Review of ranking methods in the data envelopment analysis context. <i>European Journal of Operational Research</i> , <b>2002</b> , 140, 249-265	5.6	544
1042	Semi-autonomous planning using linear programming in the Chilean General Treasury. <i>European Journal of Operational Research</i> , <b>2002</b> , 140, 517-529	5.6	5
1041	Economic reform and productivity growth: the case of Australia and New Zealand. <b>2002</b> , 59, 143-152		3
1040	Technical efficiency analysis of information technology investments: a two-stage empirical investigation. <b>2002</b> , 39, 391-401		85
1039	Relative efficiency measurement and prospects for yardstick competition in Brazilian electricity distribution. <b>2002</b> , 30, 637-647		68

1038	Identification of inefficiencies in an additive model based IDEA (imprecise data envelopment analysis). <b>2002</b> , 29, 1661-1676	29
1037	An integrated benchmarking approach to distribution center performance using DEA modeling. <b>2002</b> , 20, 19-32	83
1036	Impact of energy efficiency policy to productive efficiency of electricity distribution industry in the Philippines. <b>2002</b> , 24, 41-54	79
1035	Study of efficiency and productivity growth in opencast and underground coal mining in India: a DEA analysis. <b>2002</b> , 24, 439-453	55
1034	Enhancing Supply Decisions through the Use of Efficient Marginal Costs Models. <b>2002</b> , 38, 4-10	131
1033	Nonparametric frontier estimation: a robust approach. <b>2002</b> , 106, 1-25	614
1032	Analysis, ranking and selection of R&D projects in a portfolio. <b>2002</b> , 32, 139-148	145
1031	Efficiency Changes at Major Container Ports in Japan: A Window Application of Data Envelopment Analysis. <b>2002</b> , 14, 133-152	81
1030	How not to measure the efficiency of public services (and how one might). <b>2002</b> , 165, 405-434	9
1029	Discussion on the paper by Stone. <b>2002</b> , 165, 405-434	7
1028	Comparison of Economic Efficiency Estimation Methods: Parametric and Nonparametric Techniques. <b>2002</b> , 70, 682-709	30
1027	Incentive plans for productive efficiency, innovation and learning. <b>2002</b> , 78, 1-11	50
1026	A Data Envelopment Analysis of the Efficiency of Victorian TAFE Institutes. <b>2002</b> , 35, 55-69	13
1025	Technical, Allocative, Cost and Scale Efficiencies in Bangladesh Rice Cultivation: A Non-parametric Approach. <b>2002</b> , 53, 607-626	166
1024	Assessing Efficiency of Bank Branches: An Application of Data Envelopment Analysis (DEA). <b>2002</b> , 21-36	1
1023	Demographic Efficiency: Concept and Estimation. <b>2002</b> , 23, 267-284	0
1022	Measurement of technical efficiency of public hospitals in Kenya: using Data Envelopment Analysis. <b>2002</b> , 26, 39-45	63
1021	On the Origins of Data Envelopment Analysis. <b>2002</b> , 17, 23-40	101

1020	Two Perspectives on DEA: Unveiling the Link between CCR and Shephard. <b>2002</b> , 17, 41-47	9
1019	On the Use of Value Efficiency Analysis and Some Further Developments. <b>2002</b> , 17, 49-64	38
1018	The Use of Data Envelopment Analysis with Probabilistic Assurance Regions for Measuring Hospital Efficiency. <b>2002</b> , 17, 83-109	36
1017	Accounting for Environmental Effects and Statistical Noise in Data Envelopment Analysis. <b>2002</b> , 17, 157-174	380
1016	Efficient Facet Based Efficiency Index: A Variable Returns to Scale Specification. <b>2002</b> , 17, 65-82	11
1015	William W. Cooper: A Legend in His Own Times. <b>2002</b> , 17, 7-12	2
1014	Specification of Distance Functions Using Semi- and Nonparametric Methods with an Application to the Dynamic Performance of Eastern and Western European Air Carriers. <b>2002</b> , 17, 133-155	35
1013	A Synergistic Framework for Evaluating Business Process Improvements. <b>2002</b> , 14, 53-71	28
1012	Maximizing a Linear Fractional Function on a Pareto Efficient Frontier. <b>2002</b> , 113, 83-103	5
1011	The Fixed Weighting Nature of A Cross-Evaluation Model. <b>2002</b> , 17, 249-255	144
1010	Nonparametric Efficiency Analysis under Price Uncertainty: A First-Order Stochastic Dominance Approach. <b>2002</b> , 17, 183-200	13
1009	Using DEA to evaluate efficiency and formulate policy within a Greek national primary health care network. Data Envelopment Analysis. <b>2002</b> , 26, 285-92	44
1008	Nonparametric Methods for Evaluating Economic Efficiency and Imperfect Competition. <b>2002</b> , 18, 171-189	5
1007	Measuring the Impact of Regulation: A Study of Canadian Basic Cable Television. <b>2002</b> , 21, 231-249	2
1006	Review of Methods for Increasing Discrimination in Data Envelopment Analysis. <b>2002</b> , 116, 225-242	156
1005	The Effect of Incentive Regulation in Telecommunications in the United States. <b>2003</b> , 37, 169-191	7
1004	Evaluation of Cost Efficiency in Finnish Electricity Distribution. <b>2003</b> , 121, 105-122	63
1003	Measuring the performance of neonatal care units in Scotland. <b>2003</b> , 27, 315-24	19

1002	Financial and Economic Analysis and Efficiency Evaluation of Investment Projects and Programs. II. <b>2003</b> , 64, 1205-1224	1
1001	The effect of activity-based financing on hospital efficiency: a panel data analysis of DEA efficiency scores 1992-2000. <b>2003</b> , 6, 271-83	107
1000	Detecting Outliers in Frontier Models: A Simple Approach. <b>2003</b> , 20, 391-424	205
999	Multiple Objective Approach as an Alternative to Radial Projection in DEA. <b>2003</b> , 20, 305-321	30
998	Duality Theory of Non-convex Technologies. <b>2003</b> , 20, 273-304	40
997	Fuzzy BCC Model for Data Envelopment Analysis. <b>2003</b> , 2, 337-358	68
996	Ranking Learning Algorithms: Using IBL and Meta-Learning on Accuracy and Time Results. <b>2003</b> , 50, 251-277	223
995	Measuring Inefficiency Via Potential Improvements. <b>2003</b> , 19, 59-76	47
994	Selecting Sites for New Facilities Using Data Envelopment Analysis. <b>2003</b> , 19, 77-91	6
993	Finding Closest Targets in Non-Oriented DEA Models: The Case of Convex and Non-Convex Technologies. <b>2003</b> , 19, 251-269	126
992	A comparative study of efficiency in European banking. <b>2003</b> , 35, 1865-1876	279
991	Variable selection for dynamic measures of efficiency in the computer industry. <b>2003</b> , 9, 175-188	18
990	A multicriteria methodology for developing a performance measurement model for bank branches. <b>2003</b> , 3, 307-323	2
989	A case for service systems engineering. <b>2003</b> , 12, 13-38	132
988	Integrating models for regional development decisions: A policy perspective. <b>2003</b> , 37, 31-53	9
987	Effects of the single market on the Austrian insurance industry. <b>2003</b> , 28, 813-838	68
986	Technical and cost efficiency of oral health care provision in Finnish health centres. <b>2003</b> , 56, 343-53	46
985	Retail productivity and scale economies at the firm level: a DEA approach. <b>2003</b> , 31, 75-82	102

984	Context-dependent data envelopment analysisMeasuring attractiveness and progress. <b>2003</b> , 31, 397-408	169
983	Performance measurement with classification information: an enhanced additive DEA model. <b>2003</b> , 31, 439-450	32
982	Technical efficiency-based selection of learning cases to improve forecasting accuracy of neural networks under monotonicity assumption. <b>2003</b> , 36, 117-136	56
981	Measuring DEA efficiency in cable television network facilities: what are appropriate criteria for determining the amounts of governmental subsidies?. <b>2003</b> , 37, 29-43	3
980	Advances in physician profiling: the use of DEA. <b>2003</b> , 37, 141-163	33
979	Evaluating the introduction of a quasi-market in community care. <b>2003</b> , 37, 1-13	9
978	A credit scoring approach for the commercial banking sector. <b>2003</b> , 37, 103-123	72
977	The effect of scale and mode of ownership on the financial performance of the Turkish banking sector: results of a DEA-based analysis. <b>2003</b> , 37, 185-202	65
976	Identifying Best Applicants in recruiting using data envelopment analysis. <b>2003</b> , 37, 125-139	15
975	A comparative site evaluation study for relocating Japanese government agencies out of Tokyo. <b>2003</b> , 37, 85-102	111
974	Multicriteria methods for technology foresight. <b>2003</b> , 22, 235-255	55
973	Productive efficiency of English football teams – data envelopment analysis approach. <b>2003</b> , 24, 403-410	94
972	Compensation systems for green strategy implementation: parametric and non-parametric approaches. <b>2003</b> , 12, 191-203	23
971	Using input-output orientation model for determining most productive scale size in DEA. <b>2003</b> , 146, 849-855	16
970	Using data envelopment analysis to measure hotel managerial efficiency change in Taiwan. <b>2003</b> , 24, 357-369	333
969	Fuzzy data envelopment analysis (DEA): a possibility approach. <b>2003</b> , 139, 379-394	300
968	A fuzzy mathematical programming approach to the assessment of efficiency with DEA models. <b>2003</b> , 139, 407-419	142
967	Application of DEA to medical clinics. <b>2003</b> , 37, 923-936	16

966	Multicriteria decision methods: An attempt to evaluate and unify. <b>2003</b> , 37, 1099-1119		43
965	Adaptive non-parametric efficiency frontier analysis: a neural-network-based model. <b>2003</b> , 30, 279-295		54
964	Technical efficiency in telecommunications in the United States and the impact of incentive regulation. <b>2003</b> , 27, 53-67		8
963	Light-duty vehicles and external impacts: Product- and policy-performance assessment. <i>European Journal of Operational Research</i> , <b>2003</b> , 144, 194-208	5.6	8
962	Scale characterizations in a DEA directional technology distance function framework. <i>European Journal of Operational Research</i> , <b>2003</b> , 144, 108-127	5.6	43
961	Imprecise data envelopment analysis (IDEA): A review and improvement with an application. <i>European Journal of Operational Research</i> , <b>2003</b> , 144, 513-529	5.6	207
960	Compensating for non-homogeneity in decision-making units in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2003</b> , 144, 530-544	5.6	52
959	Fuzzy pair-wise dominance and fuzzy indices: An evaluation of productive performance. <i>European Journal of Operational Research</i> , <b>2003</b> , 144, 412-428	5.6	15
958	Vendor evaluation with performance variability: A maxthin approach. <i>European Journal of Operational Research</i> , <b>2003</b> , 146, 543-552	5.6	184
957	A multivariate statistical approach to reducing the number of variables in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2003</b> , 147, 51-61	5.6	184
956	Allocating fixed costs and resources via data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2003</b> , 147, 198-216	5.6	220
955	Combining DEA and stochastic frontier models: An empirical Bayes approach. <i>European Journal of Operational Research</i> , <b>2003</b> , 147, 499-510	5.6	28
954	A hierarchical AHP/DEA methodology for the facilities layout design problem. <i>European Journal of Operational Research</i> , <b>2003</b> , 147, 128-136	5.6	226
953	The measurement of English and Welsh police force efficiency: A comparison of distance function models. <i>European Journal of Operational Research</i> , <b>2003</b> , 147, 165-186	5.6	76
952	Data Envelopment Analysis, A comprehensive text with models, applications, references and DEA-solver software, W.W. Cooper, L.M. Seiford and K. Tone; Kluwer, 1999, ISBN 0-7923-8693-0, 318 pages, EUR 136.00/USD 130.00. <i>European Journal of Operational Research</i> , <b>2003</b> , 149, 245-246	5.6	5
951	Efficiency evaluation with strong ordinal input and output measures. <i>European Journal of Operational Research</i> , <b>2003</b> , 146, 477-485	5.6	49
950	An interactive approach to improve estimates of value efficiency in data envelopment analysis. <i>European Journal of Operational Research</i> , <b>2003</b> , 149, 688-699	5.6	28
949	Efficiency of banks in a developing economy: The case of India. <i>European Journal of Operational Research</i> , <b>2003</b> , 148, 662-671	5.6	225

948	A method for discriminating efficient candidates with ranked voting data. <i>European Journal of Operational Research</i> , <b>2003</b> , 151, 233-237	5.6	84
947	Olympic ranking based on a zero sum gains DEA model. <i>European Journal of Operational Research</i> , <b>2003</b> , 148, 312-322	5.6	191
946	A non-radial Malmquist productivity index with an illustrative application to Chinese major industries. <b>2003</b> , 83, 27-35		92
945	Scale, indivisibilities and production function in data envelopment analysis. <b>2003</b> , 84, 165-192		94
944	Assessing manufacturing management performance for notebook computer plants in Taiwan. <b>2003</b> , 84, 215-228		15
943	The adoption of incentive regulation and its effect on technical efficiency in telecommunications in the United States. <b>2003</b> , 86, 21-34		19
942	Multiplier bounds in DEA via strong complementary slackness condition solution. <b>2003</b> , 86, 11-19		10
941	A mathematical programming approach to fuzzy efficiency ranking. <b>2003</b> , 86, 145-154		76
940	Technical Efficiency of Industrial State-Owned Enterprises in Vietnam. <b>2003</b> , 17, 87-101		32
939	Factors Affecting Technical Efficiency among Coffee Farmers in C <sup>^</sup> Ee dVoire: Evidence from the Centre West Region. <b>2003</b> , 15, 66-76		36
938	Production et rationalisation des interm <sup>^</sup> diaires financiers: Le <sup>^</sup> bons <sup>^</sup> tirer de l'exp <sup>^</sup> hience des Caisses Populaires Acadiennes. <b>2003</b> , 74, 397-432		3
937	Efficiency, Ownership and Market Structure, Corporate Control and Governance in the Turkish Banking Industry. <b>2003</b> , 30, 1363-1421		96
936	Methodological Advances in DEA: A survey and an application for the Dutch electricity sector. <b>2003</b> , 57, 410-438		28
935	Efficiency and TFP Growth in the Spanish Regions: The Role of Human and Public Capital. <b>2003</b> , 34, 157-174		15
934	Trade restrictiveness and efficiency*. <b>2003</b> , 44, 1079-1095		11
933	DEA network computing in multi-stage parallel processes. <b>2003</b> , 10, 217-244		6
932	Managing the future forest resource through designer trees. <b>2003</b> , 10, 449-460		11
931	Levels of efficiency in UK retail banks: a DEA window analysis. <b>2003</b> , 10, 305-322		65



930	Contractor financial evaluation model (CFEM). <b>2003</b> , 30, 487-499	32
929	Spatial evaluation of alternative nonpoint nutrient regulatory instruments. <b>2003</b> , 39,	13
928	Continuity of DEA Efficiency Measures. <b>2003</b> , 51, 149-159	20
927	Use of ratios in data envelopment analysis. <b>2003</b> , 10, 733-735	135
926	Output deterioration with input reduction in data envelopment analysis. <b>2003</b> , 35, 309-320	12
925	Production Efficiency and the Pricing of Audit Services*. <b>2003</b> , 20, 47-77	53
924	Analysing hospital productivity changes using non-parametric approaches. <b>2003</b> , 25, 145-160	5
923	Property rights in a fishery: regulatory change and firm performance. <b>2003</b> , 46, 156-177	57
922	Evaluating the profitability and marketability efficiency of large banks: An application of data envelopment analysis. <b>2003</b> , 56, 627-635	177
921	Nontraditional activities and bank efficiency revisited: a distributional analysis for Spanish financial institutions. <b>2003</b> , 55, 371-395	48
920	A note on banking efficiency in Portugal, New vs. Old banks. <b>2003</b> , 27, 2087-2098	99
919	Assessing the technical efficiency of horticultural production in Navarra, Spain. <b>2003</b> , 78, 387-403	66
918	Identifying high performance ERP projects. <b>2003</b> , 29, 398-416	54
917	International benchmarking of electricity distribution utilities. <b>2003</b> , 25, 353-371	59
916	Determinants of information technology competitive value. Evidence from a western European industry. <b>2003</b> , 14, 245-268	10
915	Inefficiencies and scale economies of European airport operations. <b>2003</b> , 39, 341-361	163
914	Incentive Regulation and Efficiency in Sport Organisational Training Activities. <b>2003</b> , 6, 33-52	20
913	Investigating transit production and performance: a programming approach. <b>2003</b> , 37, 225-240	19

912	Managerial efficiency of Brazilian airports. <b>2003</b> , 37, 667-680	34
911	The socio-economic impacts assessment of advanced convoy driving on motorway. <b>2003</b> , 37, 731-747	7
910	Size versus efficiency: a case study of US commercial airports. <b>2003</b> , 9, 187-193	125
909	Measuring e-commerce efficiency: a data envelopment analysis (DEA) approach. <b>2003</b> , 103, 703-710	42
908	Setting benchmarks and evaluating balanced scorecards with data envelopment analysis. <b>2003</b> , 10, 226-245	48
907	Performance evaluation of electric distribution utilities based on data envelopment analysis. <b>2003</b> , 18, 400-405	39
906	Hypermarket retail store efficiency in Portugal. <b>2003</b> , 31, 549-560	81
905	Technological change, efficiency gains and capital accumulation in labour productivity growth and convergence: an application to the Spanish regions. <b>2003</b> , 35, 1839-1851	20
904	Data Envelopment Analysis. <b>2003</b> , 445-454	3
903	Using DEA to measure the relative efficiency of the service center and improve operation efficiency through reorganization. <b>2003</b> , 18, 366-373	40
902	Productivity breakdown of the information technology across countries. <b>2003</b> ,	2
901	Comparative analysis of efficiency and productivity growth in Canadian regional boreal logging industries. <b>2003</b> , 33, 1653-1660	21
900	Transmuting performance on manufacturing dimensions into business performance: An exploratory analysis of efficiency using DEA. <b>2003</b> , 41, 2107-2123	17
899	Measuring efficiency with a linear economic model. <b>2003</b> , 35, 1459-1467	10
898	Comparing DEA and MCDM Method. <b>2003</b> , 227-232	8
897	Sustainability Indices of Thermal Electrical Power Production in Greece. <b>2003</b> , 129, 179-182	6
896	Public-Private Partnership in Spanish Local Governments. <b>2003</b> , 4, 429-452	1
895	Measuring and benchmarking productive systems performances using DEA: an industrial case. <b>2003</b> , 14, 542-554	17

894	Equivalent standard DEA models to provide super-efficiency scores. <b>2003</b> , 54, 101-108	122
893	Recent Accomplishments in Applied Forest Economics Research. <b>2003</b> ,	
892	Fuzzy Data Envelopment Analysis: A Credibility Approach. <b>2003</b> , 141-158	16
891	Profitability and technical efficiency of aquaculture systems in pampaanga, philippines. <b>2003</b> , 7, 195-211	36
890	The Change in Productive Efficiency in Telecommunications in the United States. <b>2003</b> , 15, 385-400	1
889	IT: what's it good for?. <b>2003</b> ,	
888	Managing cost efficiency of bank branches : an empirical study for the Commercial Bank of Greece <b>2003</b> , 6, 1-17	1
887	Productivity in sports organisational training activities: A DEA study. <b>2003</b> , 3, 46-65	20
886	Technical Efficiency in the Major League Soccer. <b>2003</b> , 4, 203-215	69
885	A review of production frontier analysis for aquaculture management. <b>2003</b> , 7, 15-34	54
884	Work Climate and Organizational Effectiveness: The Application of Data Envelopment Analysis in Organizational Research. <b>2003</b> , 6, 482-501	21
883	Recent Performance of Large Brazilian Supermarket Chains. <b>2003</b> , 4, 1-21	9
882	An alternative DEA measure: a case of OECD countries. <b>2003</b> , 10, 779-782	25
881	Integrating and Exploiting Information and Communication Technologies (ICT) in Restaurant Operations. <b>2003</b> , 6, 55-76	19
880	Data Envelopment Analysis in Multicriteria Decision Making. <b>2003</b> , 333-368	2
879	Benchmarking as a tool for the improvement of health services' supply departments. <b>2003</b> , 16, 211-23	11
878	Resource, service quality and performance triad: a framework for measuring efficiency of banking services. <b>2003</b> , 54, 723-735	57
877	Excess Capacity and Asymmetric Information in Developing Country Fisheries: The Malaysian Purse Seine Fishery. <b>2003</b> , 85, 647-662	42

876	Evaluating performance of public-private research collaborations: A DEA analysis. <b>2003</b> , 54, 165-174	40
875	DEA-based performance predictive design of complex dynamic system business process improvement.	
874	A decision support system for the supply chain configuration.	6
873	Measuring the performance of ethical mutual funds: a DEA approach. <b>2003</b> , 54, 521-531	91
872	Technological knowledge and firm performance of pharmaceutical firms. <b>2003</b> , 4, 20-33	34
871	On the (in)efficiency of Swiss hospitals. <b>2003</b> , 35, 361-370	38
870	ASSESSING BANK EFFICIENCY IN AN EMERGING MARKET: THE KUWAITI EXPERIENCE IN THE 1990S. <b>2003</b> , 21, 1-21	12
869	A study of production efficiencies of integrated securities firms in Taiwan. <b>2003</b> , 13, 159-167	16
868	Strategic and Transactional Use of Information Technology in Banking. <b>2003</b> , 5, 1-22	
867	An exploratory analysis of resource utilization across organizational units. <b>2003</b> , 23, 1062-1083	22
866	Towards meaningful benchmarking of software development team productivity. <b>2003</b> , 10, 382-399	6
865	Township and Village Enterprises in China. <b>2003</b> , 39, 27-46	36
864	Productivity growth in New Zealand: 1978-1998. <b>2003</b> , 37, 93-118	2
863	An Academic Performance Measurement System and its Impact on Quality of Engineering Faculty Work at Middle East Technical University. <b>2003</b> , 28, 251-262	7
862	Technical Efficiency Measures as a Tool for Energy Benchmarking in Industry?. <b>2003</b> , 14, 705-724	5
861	A robust nonparametric approach to the analysis of scientific productivity. <b>2003</b> , 12, 47-69	46
860	Measuring and managing educational performance. <b>2003</b> , 54, 679-691	27
859	Experimental evidence on robustness of data envelopment analysis. <b>2003</b> , 54, 654-660	40

858	A Limited Economic Assessment of the Northeast Groundfish Fishery Buyout Program. <b>2003</b> , 79, 426-439	36
857	The change in technical and allocative efficiency of local exchange carriers in the United States. <b>2003</b> , 5, 53-64	
856	Greenness Assessment of Products in PLCA by DEA Approach. <b>2003</b> , 44, 645-648	7
855	Compensation differences between male and female CEOs for publicly traded firms: a nonparametric analysis. <b>2003</b> , 54, 1242-1248	27
854	Incentive Regulation and Efficiency of Portuguese Port Authorities. <b>2003</b> , 5, 55-69	69
853	Information system integration and technical efficiency in urban hospitals. <b>2003</b> , 5, 452	5
852	Contributing and enabling technologies for knowledge management. <b>2003</b> , 2, 31	11
851	Application of a method for selecting and evaluating environmental technologies with commercial potential. <b>2003</b> , 2, 399	3
850	Revisiting Some Productivity Debates. <b>2003</b> ,	22
849	A METHOD FOR SOLVING 0-1 MULTIPLE OBJECTIVE LINEAR PROGRAMMING PROBLEM USING DEA. <b>2003</b> , 46, 189-202	
848	MODELING INPUT ALLOCATIVE EFFICIENCY VIA DISTANCE AND QUASI-DISTANCE FUNCTIONS. <b>2003</b> , 46, 264-285	6
847	DETERMINING AN EQUITABLE ALLOCATION OF NEW INPUT AND OUTPUT USING DATA ENVELOPMENT ANALYSIS. <b>2003</b> , 46, 66-73	3
846	How Can We Use the Result from a Dea Analysis? Identification of Firm-Relevant Reference Units. <b>2003</b> , 6, 157-175	
845	Productivity and costs in public production of services. <b>2003</b> , 105-130	
844	Data envelopment analysis for assessing optimal operation of ultra-filtration systems for effluent polishing. <b>2003</b> , 3, 379-384	5
843	Avalia <sup>o</sup> da efici <sup>nc</sup> ia t <sup>cn</sup> ica nos servi <sup>os</sup> de sa <sup>de</sup> nos munic <sup>ip</sup> ios do Estado do Rio de Janeiro. <b>2003</b> , 57, 515-534	16
842	The Balance Between Durability, Reliability, and Affordability in Structural Composites Manufacturing: Preliminary Results. <b>2003</b> ,	
841	Avaliando a efici <sup>nc</sup> ia das lojas da ECT do Rio Grande do Sul. <b>2003</b> , 10, 231-250	1

840	Análise de eficiência dos Bancos Brasileiros: um enfoque nos investimentos realizados em Tecnologia de Informação (TI). <b>2003</b> , 13, 70-81	5
839	The Effect of Financial Liberalization on the Efficiency of Financial Institutions: The Case of Jordanian Commercial Banks. <b>2003</b> ,	3
838	Monitoring Inefficiency in Public Education. <b>2003</b> , 35, 611-623	1
837	new evidence on the formation of preferences of betters in horse races. <b>2003</b> , 3,	
836	Leverage and Corporate Performance: A Frontier Efficiency Analysis on European Countries. <b>2003</b> ,	8
835	Análise de envoltória de dados no estudo da eficiência e dos benchmarks para companhias aéreas brasileiras. <b>2003</b> , 23, 325-345	22
834	Restringindo flexibilidade de pesos em DEA utilizando análise de regressão MSEA. <b>2003</b> , 23, 347-357	1
833	Desigualdade de renda e eficiência técnica na geração de bem-estar entre os estados brasileiros. <b>2004</b> , 58, 583	1
832	Um método para estimativa de metas DEA. <b>2004</b> , 14, 70-81	3
831	Book Review. <b>2004</b> , 41, 365-368	3
830	Variable Returns to Scale: Separating Technical and Scale Efficiencies. <b>2004</b> , 46-81	
829	Using Data Envelopment Analysis to Evaluate Environmentally Conscious Tourism Management. <b>2004</b> ,	7
828	Data Envelopment Analysis (DEA) for Assessment of Cryptosporidium and Giardia Removal by Membrane Processes. <b>2004</b> ,	
827	Data Envelopment Analysis als Instrument für Zeitvergleiche. <b>2004</b> , 15, 93-108	
826	Technical Efficiency and Subsidies in Japanese Public Hospitals. <b>2004</b> , 14, 69-79	6
825	Productivity Efficiency, and Data Envelopment Analysis. <b>2004</b> , 12-45	
824	Preface. <b>2004</b> , ix-xii	
823	Extensions to the Basic DEA Models. <b>2004</b> , 82-110	

822 Nonradial Models and Pareto-Loopmans Measures of Technical Efficiency. **2004**, 111-133

821 Dealing with Slacks: Assurance Region/Cone Ratio Analysis, Weak Disposability, and Congestion. **2004**, 159-186

820 Efficiency of Merger and Breakup of Firms. **2004**, 187-207

819 Nonparametric Approaches in Production Economics. **2004**, 245-273

818 Measuring Total Productivity Change over Time. **2004**, 274-306

817 Stochastic Approaches to Data Envelopment Analysis. **2004**, 307-326

816 Looking Ahead. **2004**, 327-328

815 Efficiency Analysis with Market Prices. **2004**, 208-244

814 References. **2004**, 329-338

813 The model by Phillips, Chang, and Buzzell revisited [the effects of unobservable variables]. **2004**, 153-187 3

812 Performance of Indian Commercial Banks (1995-2002): An Application of Data Envelopment Analysis and Malmquist Productivity Index. **2004**, 7

811 The Use of Data Envelopment Analysis in Banking Institutions: Evidence from the UAE Commercial Banks. **2004**, 1

810 Introduction and Overview. **2004**, 1-11 1

809 Convergence Across Italian Regions and the Role of Technological Catch-Up. **2004**, 3

808 Using the Geometrical Distribution of Prototypes for Training Set Condensing. **2004**, 618-627 7

807 Public Tertiary Education Expenditure in Portugal: A Non-Parametric Efficiency Analysis. **2004**, 1

806 Non-parametric Approaches to Education and Health Expenditure Efficiency in OECD Countries. **2004**, 20

805 Economic efficiency of agricultural production in Brazil. **2004**, 42, 201-222 9

804	Efficiency Measurement without Convexity Assumption: Free Disposal Hull Analysis. <b>2004</b> , 134-158	
803	Buyback Programs: Goals, Objectives, and Industry Restructuring in Fisheries. <b>2004</b> , 36, 333-345	4
802	AN EXAMINATION OF THE EFFICIENCY OF SINGLE VS. MULTIPLE COMMON BOND CREDIT UNIONS. 253-263	
801	DEA modeling for optimal resource use in rice production. <b>2004</b> , 41, 148-154	
800	Efficiency of the Polish Banking Industry: Foreign versus Domestic Banks. <b>2004</b> ,	3
799	Constructions of economic functions and calculations of marginal rates in DEA using parametric optimization methods. <b>2004</b> , 55, 1049-1058	53
798	Calculating scale elasticity in DEA models. <b>2004</b> , 55, 1023-1038	67
797	Multicriteria dynamic scheduling methodology for controlling a flexible manufacturing system. <b>2004</b> , 42, 3457-3472	46
796	Performance measurement of Taiwan's commercial banks. <b>2004</b> , 53, 425-434	68
795	Case-mix adjustment and efficiency measurement. <b>2004</b> , 32, 464-71	15
794	An Analysis of Input Use Efficiency in Tobacco Production with Respect to Sustainability: The Case Study of Turkey. <b>2004</b> , 24, 123-143	30
793	IDENTIFYING "BEST-BUYS" IN THE MARKET OF PREPAID MOBILE TELEPHONY: AN APPLICATION OF IMPRECISE DEA. <b>2004</b> , 03, 167-177	10
792	Application of Data Envelopment Analysis to Studies of Irrigation Efficiency in Andalusia. <b>2004</b> , 130, 175-183	44
791	An Application of DEA Windows Analysis to Container Port Production Efficiency. <b>2004</b> , 3,	150
790	An Alternative Approach to Efficiency Measurement of Seaports. <b>2004</b> , 6, 53-69	108
789	DEA APPROACH FOR THE CURRENT AND THE CROSS PERIOD EFFICIENCY FOR EVALUATING THE VOCATIONAL EDUCATION. <b>2004</b> , 03, 353-374	7
788	Health Care Applications. <b>2004</b> , 481-537	15
787	Risk and strategy of fishers alternatively exploiting sea bream and tuna in the Gibraltar Strait from an efficiency perspective. <b>2004</b> , 61, 211-217	7



786	Efficiency in European Seaports with DEA: Evidence from Greece and Portugal. <b>2004</b> , 6, 122-140	171
785	Measuring University Library Efficiency Using Data Envelopment Analysis. <b>2004</b> , 54,	17
784	Economic inefficiency measurement of input spending when decision-making units face different input prices. <b>2004</b> , 55, 1102-1110	17
783	Content analysis of data envelopment analysis literature and its comparison with that of other OR/MS fields. <b>2004</b> , 55, 911-935	38
782	Measuring the efficiency of Brazilian post office stores using data envelopment analysis. <b>2004</b> , 24, 1055-1078	17
781	AN EMPIRICAL STUDY OF RELATIVE EFFICIENCY OF THE BANKING INDUSTRY IN BAHRAIN. <b>2004</b> , 22, 40-69	8
780	Productivity Analysis in Heterogeneous Operating Conditions: Data Envelopment Analysis Method Applied to the U.S. Heavy Rail Industry. <b>2004</b> , 1872, 19-27	7
779	MEASURING EFFICIENCY AND PRODUCTIVITY OF WATER AND SANITATION SERVICES [A BENCHMARKING EXERCISE IN PORTUGAL. <b>2004</b> , 2004, 228-246	
778	Returns to Scale in DEA. <b>2004</b> , 41-73	8
777	Decision-making modeling method based on artificial neural network and data envelopment analysis.	1
776	Benchmark regulation and efficiency of electricity distribution in a restructured power sector. <b>2004</b> , ,	2
775	Book Reviews. <b>2004</b> , 34, 235-241	
774	Do mergers improve hospital productivity?. <b>2004</b> , 55, 1071-1080	47
773	Imprecise DEA via Standard Linear DEA Models with a Revisit to a Korean Mobile Telecommunication Company. <b>2004</b> , 52, 323-329	79
772	THE ASSOCIATION BETWEEN TECHNICAL EFFICIENCY INNOVATIONS AND STOCK RETURNS: AN APPLICATION OF DATA ENVELOPMENT ANALYSIS. <b>2004</b> , 21, 136-145	
771	A COMPANY PERFORMANCE MEASUREMENT BY ROIC AND DEA-AN EXAMPLE OF TAIWAN IC DESIGN HOUSE. <b>2004</b> , 21, 369-383	5
770	A study of cost efficiency and privatisation in Taiwan's banks: the impact of the Asian financial crisis. <b>2004</b> , 24, 137-151	15
769	Out With the Old-In With the New: Thoughts on the Future of Educational Productivity Research. <b>2004</b> , 79, 31-56	10

768	MULTICRITERIAL RANKING APPROACH FOR EVALUATING BANK BRANCH PERFORMANCE. <b>2004</b> , 03, 321-335	12
767	Local and global returns to scale in performance measurement. <b>2004</b> , 55, 170-178	32
766	Comparison of the Balanced Scorecard Perspectives for eCommerce Companies. <b>2004</b> , 6, 79-99	
765	Performance of the Bootstrap for Dea Estimators and Iterating the Principle. <b>2004</b> , 265-298	25
764	Weight-restricted DEA in action: from expert opinions to mathematical models. <b>2004</b> , 55, 814-821	30
763	Data envelopment analysis with stochastic data. <b>2004</b> , 55, 1008-1012	37
762	A Multi-Criteria Approach to Destination Benchmarking. <b>2004</b> , 16, 1-18	44
761	An Exploratory Investigation of Multiunit Restaurant Productivity Assessment Using Data Envelopment Analysis. <b>2004</b> , 16, 19-26	30
760	A multi-objective approach to determine alternative targets in data envelopment analysis. <b>2004</b> , 55, 1090-1101	59
759	Performance Appraisal of Water Utilities Using DEA Approach. <b>2004</b> , 1	5
758	Bridging the gap between the constant and variable returns-to-scale models: selective proportionality in data envelopment analysis. <b>2004</b> , 55, 265-276	54
757	Modelling and simulation in reactive polymer processing. <b>2004</b> , 12, S121-S149	19
756	Economic Efficiency and Frontier Techniques. <b>2004</b> , 18, 33-77	208
755	Efficiency and Program-Contract Bargaining in Spanish Public Hospitals. <b>2004</b> , 75, 549-573	6
754	X-Efficiency and Productivity Change in Australian Banking. <b>2004</b> , 43, 174-191	66
753	Productivity improvement in Korean rice farming: parametric and non-parametric analysis□ <b>2004</b> , 48, 323-346	23
752	Measuring the economic inefficiency of Nepalese rice farms using data envelopment analysis. <b>2004</b> , 48, 347-369	90
751	CHINESE INDUSTRIAL POLICY AND THE REDUCTION OF STATE-OWNED SHARES IN CHINA'S LISTED COMPANIES. <b>2004</b> , 9, 377-393	2

750	An AHP/DEA method for measurement of the efficiency of R&D management activities in universities. <b>2004</b> , 11, 181-191	54
749	Capacity in Thai public hospitals and the production of care for poor and nonpoor patients. <b>2004</b> , 39, 2117-34	31
748	TESTING FOR INVERSE HOMOTHETICITY: A NONPARAMETRIC APPROACH. <b>2004</b> , 55, 460-478	1
747	Productive efficiency and its determinants in the Finnish Public Dental Service. <b>2004</b> , 32, 31-40	13
746	Estimating returns to scale in data envelopment analysis: A new procedure. <b>2004</b> , 150, 89-98	22
745	Multi-component performance, progress and regress measurement and shared inputs and outputs in DEA for panel data: an application in commercial bank branches. <b>2004</b> , 151, 1-16	28
744	An alternative approach for equitable allocation of shared costs by using DEA. <b>2004</b> , 153, 267-274	55
743	PERSPECTIVE: Ranking Business Schools on the Management of Technology. <b>2004</b> , 21, 416-430	23
742	Legitimately Diverse, yet Comparable: On Synthesizing Social Inclusion Performance in the EU*. <b>2004</b> , 42, 919-955	105
741	A Comparison of HMO Efficiencies as a Function of Provider Autonomy. <b>2004</b> , 71, 1-19	26
740	A general model framework for DEA. <b>2004</b> , 32, 17-23	42
739	Ranking efficient units in DEA. <b>2004</b> , 32, 213-219	86
738	Establishing the practical frontier in data envelopment analysis. <b>2004</b> , 32, 261-272	36
737	Models for performance benchmarking: measuring the effect of e-business activities on banking performance. <b>2004</b> , 32, 313-322	79
736	Public infrastructure and private productivity in the Spanish regions. <b>2004</b> , 26, 47-64	22
735	The benefits of non-radial vs. radial super-efficiency DEA: an application to burden-sharing amongst NATO member nations. <b>2004</b> , 38, 307-320	20
734	Social changes, economic performance and development: the case of goat production in Oman. <b>2004</b> , 54, 131-140	21
733	DEA evaluation of a Y2K software retrofit program. <b>2004</b> , 51, 279-287	11

732	Preface. <b>2004</b> , 38, 115-121	4
731	Epistemology of data envelopment analysis and comparison with other fields of OR/MS for relevance to applications. <b>2004</b> , 38, 123-140	24
730	A taxonomy for data envelopment analysis. <b>2004</b> , 38, 141-158	45
729	Data envelopment analysis literature: a bibliography update (1951-2001). <b>2004</b> , 38, 159-229	88
728	Assessing the contribution of knowledge to business performance: the KP3 methodology. <b>2004</b> , 36, 403-416	107
727	A DEA Evaluation of Taipei Hotels. <b>2004</b> , 31, 712-715	146
726	Nonparametric Frontier Estimation by Linear Programming. <b>2004</b> , 65, 58-64	2
725	The decomposition of cost efficiency: an empirical application of the shadow cost function model to Dutch general hospitals. <b>2004</b> , 7, 79-88	14
724	Relative efficiency among South African universities: A data envelopment analysis. <b>2004</b> , 47, 73-89	29
723	Measuring Information Technology's Indirect Impact on Firm Performance. <b>2004</b> , 5, 9-22	296
722	A Quantitative Approach to Evaluate the Relative Efficiency of Museums. <b>2004</b> , 28, 195-216	39
721	Efficiency of federal hospitals in the United States. <b>2004</b> , 28, 411-22	56
720	Combining DEA Window Analysis with the Malmquist Index Approach in a Study of the Canadian Banking Industry. <b>2004</b> , 21, 67-89	195
719	Data Envelopment Analysis with Reverse Inputs and Outputs. <b>2004</b> , 21, 113-132	46
718	Using DEA and Worst Practice DEA in Credit Risk Evaluation. <b>2004</b> , 21, 153-165	78
717	Shadow Price Approach to Total Factor Productivity Measurement: With an Application to Finnish Grass-Silage Production. <b>2004</b> , 22, 95-121	8
716	The Case for International Coordination of Electricity Regulation: Evidence from the Measurement of Efficiency in South America. <b>2004</b> , 25, 271-295	80
715	Performance Differences in German Higher Education: Empirical Analysis of Strategic Groups. <b>2004</b> , 24, 393-408	82

714	Evaluation and interpretation of knowledge production efficiency. <b>2004</b> , 59, 131-155	34
713	Measuring and comparing the (in)efficiency of German and Swiss hospitals. <b>2004</b> , 5, 216-26	45
712	DTZ model with independent subsystems. <b>2004</b> , 14, 173-183	
711	Malmquist productivity index estimates for European agriculture in the 1990s. <b>2004</b> , 4, 73-91	3
710	Multi-attribute scoring method for mobile telecommunication subscribers. <b>2004</b> , 26, 363-368	30
709	Exploring flexibility and execution competencies of manufacturing firms. <b>2004</b> , 22, 91-106	104
708	Market capture of inpatient perioperative services using DEA. <b>2004</b> , 7, 263-73	33
707	Temporal and spatial changes and influencing factors of low-carbon economy efficiency in China. <b>2023</b> , 195,	0
706	Efficiency of public spending on human capital in Africa. <b>2022</b> , 10,	0
705	Detection and attribution of changes in agricultural eco-efficiency within rapid urbanized areas: A case study in the Urban agglomeration in the middle Reaches of Yangtze River, China. <b>2022</b> , 144, 109533	1
704	Evaluating Global Container Shipping Companies: A Novel Approach to Investigating Both Qualitative and Quantitative Criteria for Sustainable Development. <b>2022</b> , 11, 610	0
703	Incentive regulation, productivity growth and environmental effects: the case of electricity networks in Great Britain. <b>2022</b> , 115, 106354	1
702	Wood harvesting efficiency analysis of regional forest directorates in Turkey: k-means clustering and data envelopment analysis approach. 1-14	0
701	Assessing the impact of hydropower projects in Brazil through data envelopment analysis and machine learning. <b>2022</b> , 200, 1316-1326	0
700	How has China's low-carbon city pilot policy influenced its CO2 abatement costs? Analysis from the perspective of the shadow price. <b>2022</b> , 115, 106353	0
699	Temporal dependence and bank efficiency drivers in OECD: A stochastic DEA-ratio approach based on generalized auto-regressive moving averages. <b>2022</b> , 119120	1
698	The Iron Triangle of Affordable Homeownership: Habitat for Humanity Affiliate Strategies for Balancing Efficiency, Effectiveness, and Equity. 027507402211337	0
697	A systematic review of the application of multi-criteria decision-making in evaluating Nationally Determined Contribution projects. <b>2022</b> , 100140	1

696	Evaluation of world lithium mining projects using hybrid MCDM model. <b>2022</b> , 189, 107905	0
695	Supplier-base concentration and efficiency: the moderating roles of R&D expenditure and market share.	0
694	Common weights analysis of renewable energy efficiency of OECD countries. <b>2022</b> , 185, 122072	1
693	What was the spatiotemporal evolution characteristics of high-quality development in China? A case study of the Yangtze River economic belt based on the ICGOS-SBM model. <b>2022</b> , 145, 109593	0
692	Sustainability and efficiency of water-land-energy-food nexus based on emergy-ecological footprint and data envelopment analysis: Case of an important agriculture and ecological region in Northeast China. <b>2022</b> , 379, 134854	0
691	Selection of energy storage technologies under neutrosophic decision environment. <b>2022</b> , 11, 100576	0
690	Measuring stock performance using stochastic frontier analysis model with dependent error approach. <b>2022</b> , 9, 1-10	0
689	Measuring China's energy efficiency by considering forest carbon sequestration and applying a meta dynamic non-radial directional distance function. <b>2023</b> , 263, 125756	1
688	Extended DEA method for solving multi-objective transportation problem with Fermatean fuzzy sets. <b>2023</b> , 8, 924-961	3
687	Regional convergence analysis of sustainable innovation efficiency in European Union countries. <b>2023</b> , 325, 116636	0
686	Forecasting sustainability of healthcare supply chains using deep learning and network data envelopment analysis. <b>2023</b> , 154, 113357	1
685	How Labour Market Regulation Shapes Bank Performance in Eu-15 Countries?.	0
684	Methods for Evaluating Food-Energy-Water Nexus: Data Envelopment Analysis and Network Equilibrium Model Approaches. <b>2022</b> , 179-199	0
683	Evaluating How the Regulatory Ecosystem Promotes Entrepreneurial Activities in Africa. <b>2022</b> , 91-128	0
682	Financial efficiency analysis: Empirical evidence from the emerging stock market. <b>2022</b> , 4, 27-35	0
681	Data Envelopment Analysis for Healthcare Systems Assessment: Review and Applications from Tunisia. <b>2022</b> , 25-50	0
680	A new perspective on the U.S. energy efficiency: The political context. <b>2023</b> , 186, 122093	0
679	SeqFLow: A systematic approach to identify and select food waste valorisation opportunities. <b>2023</b> , 189, 106732	0

678	A two-stage improved Base Point Slacks-Based Measure of super-efficiency for negative data handling. <b>2023</b> , 150, 106057	0
677	Gradient tree boosting and the estimation of production frontiers. <b>2023</b> , 214, 119134	0
676	The effect of airline dominance on airport performance: Empirical evidence from medium-sized European airports. <b>2023</b> , 107, 102317	0
675	Evaluation of efficiency of pig farms. <b>2012</b> , 9, 35-40	1
674	Using DEA models for evaluation of firestation efficiency. <b>2012</b> , 12, 71-78	0
673	Efficiency assesment using non radial projection in DEA models. <b>2012</b> , 11, 13-17	0
672	Evaluation of regions of the Czech Republic with the DEA method. <b>2012</b> , 12, 33-38	0
671	Comparative analysis of regions in the Czech Republic according to choosen criteria using the DEA method. <b>2012</b> , 14, 125-134	0
670	Polskie gospodarstwa mleczne w rankingu efektywności technicznej gospodarstw unijnych z wykorzystaniem modelu SE-CCR. <b>2016</b> , 16, 20-34	0
669	Determinantes de la eficiencia energética: evidencia del grupo Brics (1990-2018). <b>2022</b> , 24, 282-319	0
668	Effectiveness of National Cyber Security: DEA analytics. <b>2022</b> , 8	0
667	Regional differences in Taiwan's B&B industry: An alternative meta-frontier analysis. <b>2022</b> , 44, 101043	0
666	Selection of hazardous waste disposal company with multi-criteria decision making methods.	0
665	A Study of Performance Evaluation for Textile and Garment Enterprises. <b>2022</b> , 10, 2381	0
664	THE RECENT ECOLOGICAL EFFICIENCY DEVELOPMENT IN CHINA: INTERACTIVE SYSTEMS OF ECONOMY, SOCIETY AND ENVIRONMENT. <b>2022</b> , 1-36	0
663	Efficiency of European oil companies: an empirical analysis. <b>2022</b> , 15,	2
662	Energy and environmental efficiency of China's regional electric power industry by considering renewable energy constraints. 0958305X2211392	0
661	Physics-informed machine learning with differentiable programming for heterogeneous underground reservoir pressure management. <b>2022</b> , 12,	0

- 660 Water, energy, and food nexus efficiency in China: A provincial assessment using a three-stage data envelopment analysis model. **2022**, 126007 ○
- 659 The Spatial Differentiation and Driving Forces of Ecological Welfare Performance in the Yangtze River Economic Belt. **2022**, 19, 14801 ○
- 658 An examination of the banking efficiency of the BRICS countries: A perspective derived from the oil price volatility. **2022**, 10, ○
- 657 Measuring operating efficiency of solar photovoltaic power plants using epsilon-based measure model: A case study in Vietnam. 002029402211048 ○
- 656 Determinants of financial poverty alleviation efficiency: Evidence from Henan, China. **2022**, 17, e0277354 ○
- 655 Environmental, social, and governance (ESG) and market efficiency of China's commercial banks under market competition. ○
- 654 The Fuzzy DEA-Based Manufacturing Service Efficiency Evaluation and Ranking Approach for a Parallel Two-Stage Structure of a Complex Product System on the Example of Solid Waste Recycling. **2022**, 10, 2322 1
- 653 Agricultural eco-efficiency and climate determinants: application of dea with bootstrap methods in the tropical montane cloud forests of Puebla, Mexico. **2022**, 8, 1
- 652 How Do Economic Freedom and Technological Innovation Affect Green Total-Factor Productivity? Cross-Country Evidence. 1-18 ○
- 651 Effects of monetary policy credibility and the open economy trilemma on monetary policy efficiency. ○
- 650 Efficiency Analysis of Syrian Refugees' Healthcare Services in Turkey and Other 3RP States. **2022**, 19, 14986 ○
- 649 Foundations of Operations Research: From Linear Programming to Data Envelopment Analysis. **2022**, ○
- 648 ~~2022~~ **2022**, 5, 407-416 ○
- 647 Ecological Well-Being Performance Evaluation and Spatio-Temporal Evolution Characteristics of Urban Agglomerations in the Yellow River Basin. **2022**, 11, 2044 1
- 646 A new Malmquist-type green total factor productivity measure: An application to China. **2022**, 106408 ○
- 645 Allocation Efficiency Measurement and Spatio-Temporal Differences Analysis of Digital Infrastructure: The Case of China's Shandong Province. **2022**, 10, 205 1
- 644 Estimation of economic, environmental, and social efficiency for sustainable development in G-8 and SAARC countries: a data envelopment analysis. ○
- 643 Measuring convergence of energy and emission efficiencies and technology inequality across African countries. **2022**, 135166 ○



642	Is government funding critical to the operating performance of technology universities? A case study of Taiwan.	0
641	Direct-Use Geothermal Energy Location Multi-Criteria Planning for On-Site Energy Security in Emergencies: A Case Study of Malaysia. <b>2022</b> , 14, 15132	0
640	Environmental efficiency analysis on carbon neutrality based on the study of 280 county-level cities in China-DEA method. <b>2022</b> ,	0
639	Evaluating the Efficiency and Productivity of Colombian Criminal Justice. <b>2022</b> ,	0
638	The Impact of Environmental Regulation, Industrial Structure, and Interaction on the High-Quality Development Efficiency of the Yellow River Basin in China from the Perspective of the Threshold Effect. <b>2022</b> , 19, 14670	1
637	Structural efficiency assessment of regional airports: Lessons from India. <b>2022</b> , 79, 101449	0
636	Evaluating port efficiency dynamics: A risk-based approach. <b>2022</b> , 166, 333-347	0
635	Data envelopment analysis and negative input data. <b>2012</b> , 10, 85-88	0
634	A mixed-integer slacks-based measure data envelopment analysis for efficiency measuring of German university hospitals.	0
633	A Subgroup Dominance-based Benefit of the Doubt Method for Addressing Rank Reversals: A Case Study of the Human Development Index in Europe. <b>2022</b> ,	0
632	R&D Performance Evaluation in the Chinese Food Manufacturing Industry Based on Dynamic DEA in the COVID-19 Era. <b>2022</b> , 12, 1938	0
631	Evaluating the technical efficiency of neonatal health service among primary hospitals of northwest Ethiopia: Using two-stage data envelopment analysis and Tobit regression model. <b>2022</b> , 17, e0277826	0
630	A novel SCOR approach to assess the sustainability of supply chains.	0
629	The temporal and spatial patterns and contributing factors of green development in the Chinese service industry. 10,	0
628	Appraising the spillover effect of water use efficiency indicators in sub-Saharan Africa: a spatial econometric approach. <b>2022</b> , e11672	0
627	Urban Agglomeration Ecological Welfare Performance and Spatial Convergence Research in the Yellow River Basin. <b>2022</b> , 11, 2073	1
626	Comprehensive Environmental Assessment Index of Ecological Footprint.	0
625	Structural and productivity changes from introducing strong user rights in the Danish demersal fisheries. <b>2023</b> , 147, 105385	0

- 624 Group decision making with hesitant fuzzy linguistic preference relations based on multiplicative DEA cross-efficiency and stochastic acceptability analysis. **2023**, 117, 105595 ○
- 623 Performance efficiency assessment of Vietnamese ports: An application of Delphi with Kamet principles and DEA model. **2022**, ○
- 622 Evaluation of the Impact of Policymakers' Decisions in the Management Capacity of Protected Areas: Efficiency Evidence from Five Countries. ○
- 621 Assessment of the status and trends of photovoltaic distributed generation in Brazil: An in-depth approach based on big data processing. **2023**, 249, 694-711 ○
- 620 Measuring the Efficiency of Medical and Health Service Efficiency in Eastern China and Dynamic Analysis. **2022**, 11, 8163-8170 ○
- 619 Eco-efficiency Analysis of the Brazilian Public Transport Based on Data Envelopment Analysis. **2022**, 1-10 ○
- 618 An Empirical Analysis of Reform and Efficiency in China's Electricity Sector. **2022**, 1-28 ○
- 617 Performance analysis of research clusters in National Defence University of Malaysia (NDUM): An application of data envelopment analysis (DEA). **2022**, ○
- 616 Efficiency Assessment of Public Transport Vehicles Using Machine Learning and Non-parametric Models. **2022**, 207-220 ○
- 615 Does green economy contribute towards COP26 ambitions? Exploring the influence of natural resource endowment and technological innovation on the growth efficiency of China's regional green economy. **2023**, 80, 103189 ○
- 614 Two-stage dynamic data envelopment analysis measuring the overall efficiency and productivity changes of industry and agriculture in EU countries. **2023**, 382, 135332 ○
- 613 Parallel DEA-Dantzig-Wolfe algorithm for massive data applications. **2023**, 175, 108875 ○
- 612 An empirical analysis of resource efficiency and circularity within the agri-food sector of India. **2023**, 385, 135660 ○
- 611 Combining data envelopment analysis and Random Forest for selecting optimal locations of solar PV plants. **2023**, 11, 100222 ○
- 610 Regret-based cross efficiency evaluation method in a general two-stage DEA system. **2023**, 175, 108828 ○
- 609 Achieving carbon neutrality through green technological progress: evidence from China. **2023**, 173, 113397 1
- 608 Carbon resource reallocation with emission quota in carbon emission trading system. **2023**, 327, 116837 ○
- 607 Use of Data Envelopment Analysis (DEA) to assess management alternatives in the presence of multiple objectives. **2023**, 148, 105444 ○

- 606 Energy efficiency of drinking water treatment plants: A methodological approach for its ranking. **2023**, 862, 160840 ○
- 605 O.R., Systems, and MOT: A professional memoir. **2023**, 188, 122298 ○
- 604 How do airlines survive? An integrated efficiency analysis on the survival of airlines. **2023**, 107, 102348 ○
- 603 DEA efficiency of Serbian banks: Comparison of three approaches. **2022**, 11-11 ○
- 602 Analysis on Technological Innovation Efficiency in Equipment Manufacturing Industry. **2022**, 235-249 ○
- 601 The spatial-temporal pattern evolution and influencing factors of county-scale tourism efficiency in Xinjiang, China. **2022**, 14, 1547-1561 ○
- 600 T<sup>^</sup> BK TARIM SEKT<sup>^</sup> B<sup>^</sup> N<sup>^</sup> N KEND<sup>^</sup>KEND<sup>^</sup>E YETERL<sup>^</sup>L<sup>^</sup> VE GIDA G<sup>^</sup> VENCESTA<sup>^</sup> ISINDAN DEERLEND<sup>^</sup>R<sup>^</sup>MES<sup>^</sup>B<sup>^</sup> T<sup>^</sup> N<sup>^</sup>LE<sup>^</sup>K VZA/AHP ANAL<sup>^</sup>Z<sup>^</sup> ○
- 599 The impact of competition and environmental factors on technical inefficiency of European ports. **2022**, ○
- 598 Tourism competitiveness measurement. A perspective from Central America and Caribbean destinations. **2022**, 77, 1401-1417 ○
- 597 Margin Optimization of Single Flux Quantum Logic Cells. **2023**, 105-133 ○
- 596 Super Efficiency DEA Evaluation Method with Anti-Entropy-Delphi Combined Weights Constraints Cone. **2022**, ○
- 595 Risk-Oriented Efficiency Assessment within the Level of Capitalization for Financial Institutions: Evidence From Turkish Securities Firms. **2022**, 10, 110 ○
- 594 Improved DEA model by quantifying the extreme degree of weight schemes. ○
- 593 Surgical capacity, productivity and efficiency at the district level in Sub-Saharan Africa: A three-country study. **2022**, 17, e0278212 ○
- 592 Assessing Regional Entrepreneurship: A Bootstrapping Approach in Data Envelopment Analysis. **2022**, 5, 1221-1230 ○
- 591 An Evaluation of Chinese Rapeseed Production Efficiency Based on Three-Stage DEA and Malmquist Index. **2022**, 14, 15822 ○
- 590 Analyzing the champions league teams via decision models. ○
- 589 Fuzzy Data Envelopment Regression Analysis. **2022**, ○

588	Multi-Criteria Group Decision-Making Models in a Multi-Choice Environment. <b>2022</b> , 11, 659	0
587	Sustainability of Indian Microfinance Institutions: Analysis of Financial and Social Super Efficiency. 231971452201253	
586	The effect of congestion on the estimation of the rate of progress and regression of decision-making units in data envelopment analysis.	0
585	Determination of Digital Density Efficiency by Data Envelopment Analysis: EU Member States.	0
584	Evaluating the Reasons Behind the Inefficient Implementation of ERDF Devoted to R&D in SMEs. <b>2023</b> , 3-27	0
583	Python Implementation of the Value-Based DEA Method. <b>2023</b> , 59-74	0
582	Measuring heterogeneity in hospital productivity: a quantile regression approach.	0
581	Super-SBM DEA and DTW-based analysis of the energy-environmental efficiency in emerging economies. <b>2022</b> , 17,	0
580	Energy efficiency and driving factors of railway cold chain transportation in China. 1-18	0
579	The max-reward and min-penalty frontier: A benchmark for research of supply and demand mismatches. 1-14	0
578	Assessing the Efficiency and Productivity of the Hospital Clinics on the Island of Rhodes during the COVID-19 Pandemic. <b>2022</b> , 19, 15640	0
577	Analysis of insurers' performance using frontier efficiency and productivity methods. The great contributions by David Cummins and Mary Weiss.	0
576	Análise do financiamento do BNDES no setor agropecuário brasileiro para o período de 2012 a 2015. <b>2022</b> , 13, 1142-1159	0
575	Operational performance model for banks: a dynamic data envelopment approach.	0
574	Efficiency of the use of information and communication technologies as a determinant of the digital business transformation process.	0
573	Digital economy and industrial energy efficiency performance: evidence from the city of the Yangtze River Delta in China.	0
572	Are health insurers in multiple lines of business less profitable? An examination of scope economies in health insurance.	1
571	Technical Efficiency of Agriculture in the European Union and Western Balkans: SFA Method. <b>2022</b> , 12, 1992	1

570	An Evaluation of the Efficiency of Tertiary Education in the Explanation of the Performance of GDP per Capita Applying Data Envelopment Analysis (DEA). <b>2022</b> , 14, 15524	0
569	Domain-specific valuation of university technologies using bibliometrics, Jonckheere-Terpstra tests, and data envelopment analysis. <b>2022</b> , 102664	0
568	Analytics Framework for Comparing National Performance Achievements in International Mathematical Olympiads. <b>2022</b> , 12, 838	0
567	Judging the True Health of Finance Institutions Based on Risk Behavior and Operation Performance. <b>2022</b> , 2022, 1-21	0
566	Inverse data envelopment analysis without convexity: double frontiers.	0
565	Performance Evaluations and Influencing Factors of the Agricultural Product Trade Supply Chain between China and Central Asian Countries. <b>2022</b> , 14, 15622	0
564	Profitability, marketability, and CSR disclosure efficiency of the banking industry in Bangladesh. <b>2022</b> , 8, e11904	1
563	Total Factor Productivity of Herdsmen Animal Husbandry in Pastoral Areas: Regional Differences and Driving Factors. <b>2022</b> , 14, 15347	2
562	Nonparametric shadow pricing of non-performing loans: a study of the Chinese banking sector.	0
561	ICT Capital Formation, Unemployment, and the Solow Paradox. 1-27	0
560	Equity and efficiency of public maternal and child health institution health resource allocation in Henan Province, China.	0
559	Spatial-temporal Evolution and Influencing Mechanism of Tourism Ecological Efficiency in China. <b>2022</b> , 14, 16880	0
558	The operational performance of fashion companies in the context of the coronavirus pandemic: static and dynamic analyses. <b>2022</b> , 1-17	0
557	Tourist attraction efficiency and its determinants using a two stage, double bootstrap data envelopment analysis: a case study in Indonesia. 1-18	0
556	Robust Maximum Likelihood Estimation of Stochastic Frontier Models. <b>2022</b> ,	0
555	Differentiation Analysis on Carbon Emission Efficiency and Its Factors at Different Industrialization Stages: Evidence from Mainland China. <b>2022</b> , 19, 16650	2
554	Impact of food safety supervision efficiency on preventing and controlling mass public crisis. 10,	0
553	How do Capacity-Based National Development Planning Play a Role in Achieving Integrated Development Goals? A Quantitative comparative study in the Context Of China's Five-Year Plan.	0

- 552 Evaluating performance of innovation resource allocation in industrial enterprises: an improved two-stage DEA model. 1-23 ○
- 551 Bank performance before and during the COVID-19 crisis: Does efficiency play a role?. ○
- 550 A Network DEA Approach for Performance Evaluation of Safety Supervision and Rescue Capability in the Port Waters of Changjiang MSA. **2022**, 10, 2002 ○
- 549 Lifelong learning as a major trend in personnel training: theoretical and practical aspects. **2022**, 19, 135-148 ○
- 548 Dynamically evaluating the comprehensive efficiency of technological innovation and low-carbon economy in China's industrial sectors. **2022**, 101480 ○
- 547 Evaluating the efficiency and determinants of mass tourism in Spain: a tourist area perspective. ○
- 546 How Do FDI and Technological Innovation Affect Carbon Emission Efficiency in China?. **2022**, 15, 9209 ○
- 545 Multicomponent production technologies with restricted allocations of shared inputs and outputs. **2022**, ○
- 544 Assessing the role of economic globalization on energy efficiency: Evidence from a global perspective. **2022**, 101897 4
- 543 Land Use Efficiency in the Yellow River Basin in the Background of China's Economic Transformation: Spatial-Temporal Characteristics and Influencing Factors. **2022**, 11, 2306 1
- 542 Estimation and determinants of technical efficiency of smallholder cashew (anacardium) farmers in Dassa district, Benin: a bootstrap data envelopment approach. **2022**, 2, ○
- 541 Performance Evaluation of Fee-Charging Policies to Reduce the Carbon Emissions of Urban Transportation in China. **2022**, 13, 2095 ○
- 540 Using nonradial metafrontier data envelopment analysis to evaluate the metatechnology and metafactor ratios for the Taiwanese hotel industry. ○
- 539 Which Factors Explain the Efficiency and Performance of Portuguese Funds?. **2022**, 196-218 ○
- 538 An Optimization System for Search Engine Marketing: Keyword Efficiency Analysis and Bidding Optimization. **2022**, 48, 584-594 ○
- 537 Data Envelopment Analysis for Efficiency Measurement of Bridge Resilience. **2022**, 17, 189-212 ○
- 536 China's low-carbon economic growth: an empirical analysis based on the combination of parametric and nonparametric methods. ○
- 535 Efficiency of European Union wheat producers on world market and analysis of its determinants based on the data envelopment analysis method. **2022**, 68, 455-463 ○

- 534 Identifying the closest most productive scale size unit in data envelopment analysis. ○
- 533 Multi-criteria optimization of the system for complex processing of oil contaminated waste regarding a set of system quality criteria. **2022**, 30, 15-30 ○
- 532 Financial Inclusion in West African Economic and Monetary Union Economies: Performance Analysis Using Data Envelopment Analysis. **2022**, 15, 605 ○
- 531 A light robust optimization model for a hierarchical healthcare network. ○
- 530 How to peel a data envelopment analysis frontier: A cross-validation-based approach. 1-15 ○
- 529 Eficiencia Técnica y sus factores de ajuste de los municipios productivos de la Denominación de Origen Leñ (España) en 2008 y 2018. **2022**, 42, 505-528 ○
- 528 Manager bonding and the technical efficiency of cooperative credit unions-parametric and non-parametric analyses. ○
- 527 A comparative study of bank efficiency in three Chinese regions: Mainland China, Hong Kong, and Macao. ○
- 526 Measuring China's Energy Efficiency with Different DEA Models. **2022**, ○
- 525 DEA efficiency in agriculture: Measurement unit issues. **2022**, 101497 ○
- 524 Design of humanitarian supply chain system by applying the general two-stage network DEA model. ○
- 523 Energy Generation and Economic Efficiencies of Renewable Energy Technologies in EU-27. **2023**, 73-99 ○
- 522 Fuzzy balanced allocation problem with efficiency on facilities. ○
- 521 A data-envelopment analysis-based systematic review of the literature on innovation performance. **2022**, 8, e11925 1
- 520 Spatial-Temporal Evolution and Convergence Characteristics of Agricultural Eco-Efficiency in China from a Low-Carbon Perspective. **2022**, 14, 16509 ○
- 519 Investigating the Sustainability of Return to Scale Classification in a Two-Stage Network Based on DEA Models. **2022**, 2022, 1-19 ○
- 518 Performance evaluation of investment with DEA models under pure jump processes. ○
- 517 Managerial practices and school efficiency: a data envelopment analysis across OECD and MENA countries using TIMSS 2019 data. **2022**, 10, ○

- 516 Analyzing the Accuracy of Variable Returns to Scale Data Envelopment Analysis Models. **2022**, 0
- 515 Evaluating Bank Efficiency in the West Balkan Countries Using Data Envelopment Analysis. **2023**, 11, 15 0
- 514 Airline company's resource reallocation using network centralized data envelopment analysis with slack-based measure. **2022**, 20, 174-189 0
- 513 Cross-efficiency evaluation and improvement in two-stage network data envelopment analysis. 0
- 512 Efficiency and productivity analysis of innovation, human capital, environmental, and economic sustainability nexus: case of MENA countries. 0
- 511 Assessing financial factors for oil supply disruptions and its impact on oil supply security and transportation risks. 0
- 510 Estimating the hospitality efficiency in Mexico using Data Envelopment Analysis. 0
- 509 Evaluating the Efficiency of Decision Making Units in Fuzzy two-stage DEA Models. 1-23 0
- 508 THE IMPACT OF MANDATORY CSR DISCLOSURE ON FIRM EFFICIENCY IN AN EMERGING COUNTRY. **2022**, 23, 1334-1350 0
- 507 Multiperiod metro timetable optimization based on the complex network and dynamic travel demand. **2022**, 128419 0
- 506 Coordination between the energy-consumption permit trading scheme and carbon emissions trading: Evidence from China. **2022**, 116, 106433 1
- 505 Favorable Fiscal Self-Sufficiency Enables Local Governments to Better Improve the Environmental Governance—Evidence from China's Lower-Pollution Areas. **2022**, 14, 16202 1
- 504 If You Give Bureaucrats an Inch, Will They Take a Yard? Lessons from Threshold Regulatory Reform in Italy. 109114212211384 0
- 503 Assessing the efficiency of tax administration in Africa. 1-15 0
- 502 Comparison of the Technical Efficiency of Construction Industries—A Case Study of Taiwan and Mainland China. **2023**, 15, 941 0
- 501 Airport Group Operational Capacity Assessment and Analysis of Its Influencing Factors: Taking Typical Chinese Airport Group as an Example. **2023**, 15, 1654 0
- 500 Operational performance of Indian passenger airlines using hierarchical categorical DEA approach. 0
- 499 The Digital Impact on Environmental Performance: Evidence from Chinese Publishing. 1-17 0



- 498 Study on Updating the Spatial Strategy for the Carbon Neutrality Target of China. **2022**, 12, 1749-1772 ○
- 497 Using slacks-based model to solve inverse DEA with integer intervals for input estimation. ○
- 496 Impact of Green Development Mechanism Innovation on Total-Factor Environmental Efficiency: A Quasi-Natural Experiment Based on National Pilot Cities. **2023**, 15, 1543 ○
- 495 How do complementary technological linkages affect carbon emissions efficiency?. **2023**, 8, 100309 ○
- 494 Spatio-temporal impacts of typhoon events on agriculture: Economic losses and flood control construction. 10, 1
- 493 Multi-Criteria Decision Making (MCDM) Methods and Concepts. **2023**, 3, 77-87 5
- 492 A Radial Basis Function Neural Network for Stochastic Frontier Analyses of General Multivariate Production and Cost Functions. ○
- 491 Evaluation of carbon emission efficiency of resource-based cities and its policy enlightenment. **2023**, 38, 220 ○
- 490 DEA based fuzzy portfolio evaluation models integrated with TOPSIS techniques to rank the efficient Portfolios under different risk indicators. ○
- 489 Introduction of an Integrated System for Measuring the BSC and DEA-Based Performance of Social Systems Using Uncontrollable Factors: A Case Study of Shahriar Municipalities. **2023**, 13, 242 ○
- 488 How the carbon emissions trading system affects green total factor productivity? A quasi-natural experiment from 281 Chinese cities. 10, ○
- 487 Analyzing the Influence of Philanthropy on Eco-Efficiency in 108 Countries. **2023**, 15, 1085 ○
- 486 Analyzing Efficiency and Productivity Changes of Turkish Textile Firms. ○
- 485 Sustainability measurement of combined cycle power plants: a novel fuzzy network data envelopment analysis model. ○
- 484 Impact of Smart, Green, Resilient, and Lean Manufacturing System on SMEs Performance: A Data Envelopment Analysis (DEA) Approach. **2023**, 15, 1379 1
- 483 Heterogeneous effects of influencing factors on innovation performance: evidence from European Union countries. 1-16 ○
- 482 Benchmarking the performance of water companies for regulatory purposes to improve its sustainability. **2023**, 6, 1
- 481 Performance of urban rail transit: a review of measures and interdependencies. 1-28 ○

480	Green Development Efficiency and Spatial Characteristics of Urban Clusters: A Case of Yangtze River Delta City Cluster. 1-15	0
479	ESG-Based Performance Assessment of the Operation and Management of Industrial Parks in Taiwan. <b>2023</b> , 15, 1424	0
478	Sustainability of an economy from the water-energy-food nexus perspective.	0
477	Data envelopment analysis for scale elasticity measurement in the stochastic case: with an application to Indian banking. <b>2023</b> , 9,	1
476	Measuring human development by means of composite indicators: open issues and new methodological tools.	0
475	Data envelopment analysis for ambulance services of different service providers in urban and rural areas in Ministry of Health Malaysia. 10,	0
474	A DEA-based approach to customer value analysis. <b>2023</b> ,	0
473	Efficiency and Competitiveness of the Equatorial Guinean Financial Sector. <b>2023</b> , 11, 241	0
472	Performance evaluation for health-care sectors using a dynamic network data envelopment analysis approach.	0
471	Article ' Exploring Economic and Environmental Efficiency in Renewable Energy Utilization: A Case Study in The Organization for Economic Cooperation and Development Countries.	0
470	Allocative Efficiency towards Energy Transition: The Cases of Natural Gas and Electricity Markets. <b>2023</b> , 16, 796	1
469	A Compositing Regret-Theory-Based Spherical Fuzzy Prioritization Approach for Moving High-Tech Manufacturing in Southeast Asia. <b>2023</b> , 13, 688	1
468	Performance prediction of a textile reverse logistics system using DEA and ANFIS hybrid models. <b>2023</b> , 1-11	0
467	A Study on the Policy Effects of the Establishment of Guangdong-Hong Kong-Macao Greater Bay Area on Logistics Efficiency. <b>2023</b> , 15, 1078	0
466	Efficiency of Indian banks in fostering financial inclusion: an emerging economy perspective.	0
465	Decomposition of Green Agriculture Productivity for Policy in Africa: An Application of Global Malmquist-Luenberger Index. <b>2023</b> , 15, 1645	0
464	Digital Financial Inclusion, Cultivated Land Transfer and Cultivated Land Green Utilization Efficiency: An Empirical Study from China. <b>2023</b> , 15, 1569	0
463	Eco-efficiency analysis of industrial sectors in Bangladesh using data envelopment analysis and malmquist productivity index. <b>2023</b> , 3,	0

462	A Model for Fire Departments' Performance Assessment in Portugal. <b>2023</b> , 6, 31	0
461	Measuring and Analyzing Operational Efficiency and Returns to Scale in a Time Horizon: Assessment of China's Electricity Generation & Transmission at Provincial Levels. <b>2023</b> , 16, 1006	1
460	Linkages between Investment Potential and Quality of Educational Institutions: Evidence from India. <b>2023</b> , 2023, 1-11	0
459	DEA model for Partial Centralization Resource Allocation among Independent Subset of DMUs. <b>2023</b> , 109013	0
458	Research on the efficiency evaluation of the integration of technology and finance in China's strategic emerging industries. 13,	0
457	Evaluating the decentralization of public hospitals in Turkey in terms of technical efficiency: data envelopment analysis and Malmquist index.	0
456	Efficiency evaluation of higher education systems in China: A double frontier parallel DEA model. <b>2023</b> , 108979	1
455	The Evaluation of Comprehensive Teaching and Research Efficiency and Its Key Influencing Factors Analysis of Double First-Class Universities in China. <b>2023</b> , 15, 978	0
454	Temporal-Spatial Evolution and Trend Prediction of the Supply Efficiency of Primary Medical Health Service: An Empirical Study Based on Central and Western Regions of China. <b>2023</b> , 20, 1664	1
453	Measurement and influencing factors of industrial carbon unlocking efficiency under the background of "double carbon".	0
452	Are Ecuadorian banks enough technically efficient for growth? A clinical study.	0
451	Unveiling the spatial-temporal variation of urban land use efficiency of Yangtze River Economic Belt in China under carbon emission constraints. 10,	1
450	Farm diversity impacts on food production, income generation and environmental preservation: The Swiss case. <b>2023</b> , 388, 135851	0
449	Does foreign direct investment promote environmental performance: An investigation on shadow prices of pollutants. <b>2023</b> , 387, 135914	0
448	New circular economy perspectives on measuring sustainable waste management productivity. <b>2023</b> , 77, 764-779	1
447	Towards balanced low-carbon development: Driver and complex network of urban-rural energy-carbon performance gap in China. <b>2023</b> , 333, 120663	1
446	Global Inclusive and Sustainable Competitive Industrial Performance (ISCIP): An efficiency based spatio-temporal analysis for 139 countries. <b>2023</b> , 333, 120603	0
445	Linking agricultural water-food-environment nexus with crop area planning: A fuzzy credibility-based multi-objective linear fractional programming approach. <b>2023</b> , 277, 108135	0

- 444 Symbiotic integration of waste disposal capability within a city cluster: The case of the Yangtze River Delta. **2023**, 330, 117166 ○
- 443 Inflation, interest rate, and firm efficiency: The impact of policy uncertainty. **2023**, 131, 102799 ○
- 442 Production efficiency and cost reduction potential of biodiesel fuel plants using waste cooking oil in Japan. **2023**, 331, 117284 ○
- 441 Decomposing airline profit inefficiency in NDEA through the non-competitive Nerlovian profit inefficiency model. **2023**, 107, 102350 ○
- 440 Bundling Road and Railway Infrastructure Operators: Analysis of the Impact on Efficiency. **2023**, 29, ○
- 439 Measuring efficiency of the high-tech industry using uncertain multi-stage nonparametric technologies. **2023**, 216, 119490 ○
- 438 A state-level analysis of the water system management efficiency in Mexico: Two-stage DEA approach. **2023**, 29, 100200 1
- 437 An improved approach for measuring the efficiency of low carbon city practice in China. **2023**, 268, 126678 ○
- 436 The impact of green technology, environmental tax and natural resources on energy efficiency and productivity: Perspective of OECD Rule of Law. **2023**, 9, 1308-1319 ○
- 435 Estimation of sustainable innovation performance in European Union countries: Based on the perspective of energy and environmental constraints. **2023**, 9, 1919-1925 ○
- 434 Regret-rejoice two-stage multiplicative DEA models-driven cross-efficiency evaluation with probabilistic linguistic information. **2023**, 117, 102839 1
- 433 Factors Affecting Social and Financial Efficiency of MFIs: DEA and Tobit Approach. **2022**, 18, 48-59 ○
- 432 A Hybrid Approach: Rough Set, Artificial Neural Networking & Data Envelopment Analysis on patient's satisfaction in healthcare organization. **2022**, ○
- 431 A Model Proposal for Smart Campus Investment Prioritization by Using Data Envelopment Analysis. **2022**, ○
- 430 COVID-19 SALGINININ İETMELERE OLAN ETKİSİNİN MALİYET GRUBU DAKLI VERİ ZARFLAMA ANALİZİ MODELLEME İÇİN İMKB İSTİSTAT GIDA VE İÇİCEK ENDEKSİNDE BİR UYGULAMA. ○
- 429 Improved Evaluation of Cultivation Performance for Maize Based on Group Decision Method of Data Envelopment Analysis Model. **2023**, 13, 521 ○
- 428 Economic, Energy and Environmental Efficiency of Road Freight Transportation Sector in the EU. **2023**, 16, 461 ○
- 427 Analysing the Efficiency of Health Systems: A Systematic Review of the Literature. ○

- 426 AN INTEGRATED PERFORMANCE MEASUREMENT FRAMEWORK FOR RESTAURANT CHAINS: A CASE STUDY IN ISTANBUL. **2022**, 33, 484-499 ○
- 425 The Inequities of National Adaptation to Climate Change. **2023**, 12, 1 ○
- 424 A Study on the Operational Efficiency of UAM(Urban Aerial Mobility)s. **2022**, 30, 23-32 ○
- 423 An improved FMEA quality risk assessment framework for enterprise data assets. **2022**, 1, 141-152 ○
- 422 Empirical Study on the Low-Carbon Economic Efficiency in Zhejiang Province Based on an Improved DEA Model and Projection. **2023**, 16, 300 ○
- 421 Port Efficiency Based on the Super-Efficiency EBM-DEA-SDM Model: Empirical Evidence from China. **2023**, 3, 23-37 ○
- 420 Deregulation, bank efficiency and economic cooperation across China-Taiwan Strait. **2022**, ○
- 419 Uncertain DEA-Malmquist productivity index model and its application. **2022**, 1-14 ○
- 418 Performance Assessment of Malaysian Fossil Fuel Power Plants: A Data Envelopment Analysis (DEA) Approach. **2023**, 12, 247-260 ○
- 417 The Conflict between Technology and Scale: Evidence from China's Wooden Furniture Industry. **2023**, 15, 230 ○
- 416 Spatiotemporal Evolution Trends of Urban Total Factor Carbon Efficiency under the Dual-Carbon Background. **2023**, 12, 69 ○
- 415 Targeting Environmental and Technical Parameters through Eco-Efficiency Criteria for Iberian Pig Farms in the dehesa Ecosystem. **2023**, 13, 83 ○
- 414 Performance prediction of DMUs using integrated DEA-SVR approach with imprecise data: application on Indian banks. ○
- 413 Devlet ve Vakıf Üniversitelerindeki Yüksek Betim Bilişim Sistemleri Bilişimcilerinin Karbon Emission Etkinlik Analizi. ○
- 412 Pre-Emptive-Weights Goal-Programming for a Multi-Attribute Decision-Making Problem with Positive Correlation among Finite Criteria. **2023**, 12, 20 ○
- 411 Finding the closest efficient targets in DEA by a numeration method: the FDH non-convex technology. **2023**, 41, 1-14 ○
- 410 Selecting slacks-based data envelopment analysis models. **2022**, ○
- 409 Assessment and Influencing Factors of Water Supply Capacity and Water Resource Utilization Efficiency in Southwest China. **2023**, 15, 144 ○

- 408 The impact of competition on operational efficiency of ports: Empirical evidence from Chinese coastal port-listed companies. **2022**, 100939 ○
- 407 Evaluation of the factors that affect the efficiency of diagnostic imaging technologies in Turkey: A two-stage data envelopment analysis. ○
- 406 Efficiency of Indian Banks (private versus public sector banks): A two-stage analysis. **2023**, 11, ○
- 405 China's Industrial TFPs at the Prefectural Level and the Law of Their Spatial-temporal Evolution. **2023**, 15, 322 ○
- 404 The New Development and Application about Interval Super DEA in Schools. **2022**, ○
- 403 A Two-Level Induced OWA Procedure for Ranking DMUs Under a DEA Cross-Efficiency Framework. **2023**, 495-521 ○
- 402 Evaluating the Institutional Reforms and Private Participation in Japanese Container Ports—Evidence from Multi-stage DEA Analysis. **2023**, 267-298 ○
- 401 Introduction to the themed volume on transport efficiency. **2023**, 100949 ○
- 400 Spatiotemporal Pattern and Convergence Test of Energy Eco-Efficiency in the Yellow River Basin. **2023**, 20, 1888 ○
- 399 Data Envelopment Analysis: A Tool for Performance Evaluation of Undergraduate Engineering Programs. **2023**, 323-335 ○
- 398 A robust-stochastic data envelopment analysis model for supplier performance evaluation of the telecommunication industry under uncertainty. ○
- 397 Performance Evaluation of the Efficiency of Logistics Companies with Data Envelopment Analysis Model. **2023**, 11, 718 1
- 396 Nature-Inspired DMU Selection and Evaluation in Data Envelopment Analysis. **2023**, 196-208 ○
- 395 Maximize Eco-Economic Benefits with Minimum Land Resources Input: Evaluation and Evolution of Land Use Eco-Efficiency of Agglomerations in Middle Reaches of Yangtze River, China. **2023**, 20, 1985 1
- 394 Assessment of the sustainability of Cuban nature-based tourism destinations with the DEA approach under different weighting schemes. 1-20 ○
- 393 Returns to scale with quasi-fixed inputs: an application to Quebec hospitals. 1-17 ○
- 392 A DEA Approach to Evaluate the Performance of the Electric Mobility Deployment in European Countries. **2023**, 213-228 ○
- 391 Decision-Making Support of Sustainable and Efficiency of Railway Project. **2023**, 15, 1-25 ○

- 390 Evaluation methods of the technical efficiency of the Siberian Federal District regions using the production possibilities curve. **2023**, 76-91 ○
- 389 An analysis of the synergistic poverty reduction effectiveness of fiscal spending and digital inclusive finance from the standpoint of relative poverty was conducted. **2023**, 1-14 ○
- 388 Data-driven product ranking: A hybrid ranking approach. **2023**, 1-20 ○
- 387 Impact of extreme temperatures on the performance evaluation of China's work-related injury insurance system. ○
- 386 Static and Dynamic Evaluation of Financing Efficiency in EnterprisesLow-Carbon Supply Chain: PCADEAMalmquist Model Method. **2023**, 15, 2510 1
- 385 The Efficiency of Energy Infrastructure Investment and Its Regional Economic Impact. **2023**, 20, 2125 ○
- 384 An Improved DEA Prospect Cross-Efficiency Evaluation Method and Its Application in Fund Performance Analysis. **2023**, 11, 585 ○
- 383 An Assessment of Economic Sustainability and Efficiency in Small-Scale Broiler Farms in Limpopo Province: A Review. **2023**, 15, 2030 ○
- 382 Is the European Social Progress Index robust? Implications for the design of European Union regional Cohesion Policy. 1-22 ○
- 381 An Integrated machine learning and DEA-predefined performance outcome prediction framework with high-dimensional imbalanced data. 1-30 ○
- 380 The Efficiency of UrbanRural Integration in the Yangtze River Economic Belt and Its Optimization. **2023**, 15, 2419 ○
- 379 Multi-factorial Analysis of Environmental Safety and Optimization of Oily Waste Recycling System. **2023**, 186-193 ○
- 378 Local government spending efficiency and fiscal decentralization: evidence from Italian municipalities. 1-16 ○
- 377 Blockholdings in closely held corporations: An analysis of ownership coalitions in emerging countries. **2023**, 101072 ○
- 376 Spatio-Temporal Evolution and Influencing Factors of Ecological Well-Being Performance from the Perspective of Strong Sustainability: A Case Study of the Three Gorges Reservoir Area, China. **2023**, 20, 1810 ○
- 375 Agricultural and innovation policies aimed at mitigating climate change. ○
- 374 Uncertain Malmquist productivity index: An application to evaluate healthcare systems during COVID-19 pandemic. **2023**, 101522 ○
- 373 Role of women board members in the relationship between internal CSR and firm efficiency: Evidence from multiple countries. **2023**, 10, ○

- 372 The effect of airport efficiency on air traffic, using DEA and multilateral resistance terms gravity models. **2023**, 108, 102364 ○
- 371 Statistical learning in sports education: A case study on improving quantitative analysis skills through project-based learning. **2023**, 32, 100417 ○
- 370 A DEA-RA Model with Restrain Cone for Efficiency Estimation and Evaluation. **2022**, ○
- 369 A Research on Technology Innovation and Efficiency Improvement Correlation with Bank Performance Based on Data Envelopment Analysis. **2022**, ○
- 368 Stochastic Data Envelopment Analysis in Measuring the Efficiency of Electricity Distribution Companies. **2022**, 305-334 ○
- 367 Análisis de la eficiencia de centros comerciales, a través del análisis envolvente de datos. **2022**, 30, 59-76 ○
- 366 Uncertain Negative Data in DEA: An Application of Banking in Malaysia. **2023**, 182-194 ○
- 365 Measuring airline performance: standard DEA. **2023**, 51-86 ○
- 364 Research on Comprehensive Decision-Making Model Based on Axiomatic Fuzzy Set Theory and Its Application. **2023**, 12, 519-525 ○
- 363 Efficiency Measurement at Major Ports of India During the Years 2013-14 to 2018-19: A Comparison of Results Obtained from DEA Model and DEA with Shannon Entropy Technique. **2023**, 603-614 ○
- 362 Adult stem cell donor supply chain network design: a robust optimization approach. ○
- 361 Measuring the Technical Efficiency of Hockey Players: Empirical Evidence from Czech Hockey Competition. **2023**, 16, 229-248 ○
- 360 Stochastic data envelopment analysis in the presence of undesirable outputs. 1-14 ○
- 359 Sustainable development efficiency and its influencing factors across BRICS and G7 countries: An empirical comparison. 11, ○
- 358 Performance measurement of nonhomogeneous Hong Kong hospitals using directional distance functions. ○
- 357 Carbon Emission Scenario Prediction and Peak Path Selection in China. **2023**, 16, 2276 ○
- 356 Greenhouse gas emission indicators, energy consumption efficiency, and optimal carbon emission allowance allocation of the EU countries in 2030. **2023**, 110, 204902 1
- 355 The Impact of Market and Non-Market-Based Environmental Policy Instruments on Firms' Sustainable Technological Innovation: Evidence from Chinese Firms. **2023**, 15, 4425 ○



- 354 Educational reforms and secondary school's efficiency performance in Greece: a bootstrap DEA and multilevel approach. **2023**, 23, ○
- 353 A novel stochastic semi-parametric frontier-based three-stage DEA window model to evaluate China's industrial green economic efficiency. **2023**, 119, 106566 ○
- 352 Spatial dependence in production frontier models. ○
- 351 Adoption of Renewable Energy Technology on Farms for Sustainable and Efficient Production: Exploring the Role of Entrepreneurial Orientation, Farmer Perception and Government Policies. **2023**, 15, 5611 ○
- 350 The Impact and Mechanism of the Increased Integration of Urban Agglomerations on the Eco-Efficiency of Cities in the Region—Taking the Chengdu—Chongqing Urban Agglomeration in China as an Example. **2023**, 12, 684 ○
- 349 Assessing repair and maintenance efficiency for water suppliers: a novel hybrid USBM-FIS framework. ○
- 348 Using machine learning to select variables in data envelopment analysis: Simulations and application using electricity distribution data. **2023**, 120, 106621 ○
- 347 Industrial electricity consumption efficiency and energy policy in Japan. **2023**, 81, 101519 ○
- 346 A Study of Well-Being-Based Eco-efficiency Based on Super-SBM and Tobit Regression Model: The Case of China. ○
- 345 COVID-19 and Airline Performance in the Asia Pacific region. 2, 62 ○
- 344 Improving decision-making units in performance analysis methods: a data envelopment analysis approach. ○
- 343 Analysis of the circular economy efficiency of China's industrial wastewater and solid waste - based on a comparison before and after the 13th Five-Year Plan. **2023**, 163435 ○
- 342 Productivity in Sub-Saharan Africa's Agricultural Sector: An Application of Data Envelopment Analysis and Regression Analysis. **2023**, 4, ○
- 341 Analysis of natural disasters and energy efficiency in China. ○
- 340 Benchmarking performance of photovoltaic power plants in multiple periods. ○
- 339 China's path of carbon neutralization to develop green energy and improve energy efficiency. **2023**, 206, 397-408 ○
- 338 Technological resources, ICT use and schools efficiency in Latin America—Insights from OECD PISA 2018. **2023**, 99, 102757 1
- 337 Better to grow or better to improve? Measuring environmental efficiency in OECD countries with a stochastic environmental Kuznets frontier (SEKF). **2023**, 121, 106644 ○

- 336 The comprehensive environmental efficiency analysis based on a new data envelopment analysis: The super slack based measure network three-stage data envelopment analysis approach. **2023**, 400, 136689 ○
- 335 Evaluation of green low-carbon innovation development efficiency: An improved two-stage non-cooperative DEA model. **2023**, 400, 136662 ○
- 334 Spatial test of collaborative treatment efficiency measurement and driving factors of air pollution in China's Yangtze River Delta urban agglomeration. **2023**, 49, 101454 ○
- 333 The landscape and evolution of urban planning science. **2023**, 136, 104261 ○
- 332 Technical indicators and economic performance of dairy goat farms in Greece: An efficiency analysis. **2023**, 271, 105210 ○
- 331 Evaluation of Urban Health Efficiency in Japanese Cities Using Network Data Envelopment Analysis. **2023**, 149, ○
- 330 Sustainable solid waste management in the European Union: Four countries regional analysis. **2023**, 33, 101037 ○
- 329 A new curriculum evaluation model for gastronomy education in Turkey. **2023**, 32, 100420 ○
- 328 Sustainability assessment in the steel industry using partial least squares - Structural equation model. **2023**, 2, 100054 ○
- 327 An integrated approach of discrete event simulation and a non-radial super efficiency data envelopment analysis for performance evaluation of an emergency department. **2023**, 220, 119653 ○
- 326 Applicability of data envelopment analysis using vessel-level data to the estimation of technical efficiency and capacity utilization of the small-scale squid angling fishery in Aomori Prefecture, Japan. **2023**, 262, 106664 ○
- 325 Spatiotemporal differentiation of carbon emission efficiency and influencing factors: From the perspective of 136 countries. **2023**, 879, 163032 ○
- 324 Limitations of weight restrictions in data envelopment analysis for benchmarking Brazilian electricity distribution system operators. **2023**, 82, 101540 ○
- 323 Integrated LCA and DEA approach for circular economy-driven performance evaluation of wind turbine end-of-life treatment options. **2023**, 339, 120951 ○
- 322 Data Envelopment Analysis for the Selection of Highway/Rail Grade Separation Projects. **2023**, 149, ○
- 321 Identifying social thresholds and measuring social achievement in social-ecological systems: A cross-regional comparison of fisheries in the United States. **2023**, 152, 105595 ○
- 320 Policy incentives, government subsidies, and technological innovation in new energy vehicle enterprises: Evidence from China. **2023**, 177, 113527 ○
- 319 A new fuzzy DEA network based on possibility and necessity measures for agile supply chain performance evaluation: A case study. **2023**, 220, 119552 ○

- 318 Assessing the network characteristics and structural effects of eco-efficiency: A case study in the urban agglomerations in the middle reaches of Yangtze River, China. **2023**, 150, 110169 ○
- 317 Productive efficiency, structural change, and catch-up within Africa. **2023**, 65, 78-100 ○
- 316 Analytic hierarchy process and data envelopment analysis: A match made in heaven. **2023**, 223, 119902 ○
- 315 Dynamic comparison on the technical efficiency between China's EPEs and PEs: Two-dimensional measurement based on SFA. **2023**, 406, 136986 ○
- 314 A robust DEA model under discrete scenarios for assessing bank branches. **2023**, 219, 119694 ○
- 313 Pathways and determinants of sustainable energy use for rice farms in India. **2023**, 272, 126986 ○
- 312 Organic conversion tea farms can have comparable economic benefits and less environmental impacts than conventional ones: A case study in China. **2023**, 877, 162698 ○
- 311 On second order cone programming approach to two-stage network data envelopment analysis. **2023**, 309, 953-956 ○
- 310 On the environmental performance analysis: A combined fuzzy data envelopment analysis and artificial intelligence algorithms. **2023**, 224, 119953 ○
- 309  DEA. **2019**, 5, 47-62 ○
- 308 Efficiency Evaluation of University Disciplines Based on Data Envelopment Analysis Method. **2022**, ○
- 307 Total-factor Generation Performance Analysis of China's Thermal Power Industry Using Meta-frontier Non-radial Distance Function Approach. ○
- 306 Do ESG factors improve utilities corporate efficiency and reduce the risk perceived by credit lending institutions? An empirical analysis. **2023**, 81, 101520 ○
- 305 Measuring operational efficiency of the textile industry using DEA technique: a study of the northern state of India. ○
- 304 Measuring carbon emissions performance of Japan's metal industry: Energy inputs, agglomeration, and the potential for green recovery reduction. **2023**, 82, 103519 ○
- 303 Study on eco-efficiency of cultivated land utilization based on the improvement of ecosystem services and emergy analysis. **2023**, 163489 ○
- 302 Application of the frontier approach in capture fisheries efficiency and productivity studies: A bibliometric analysis. **2023**, 263, 106676 ○
- 301 Operational reliability evaluation and analysis framework of civil aircraft complex system based on intelligent extremum machine learning model. **2023**, 235, 109218 ○





- 264 Modernization plans for the Mexican customs system: have they really worked? A productivity impact assessment. 1-16 ○
- 263 Regional Differences in Tourism Eco-Efficiency in the Beijing-Tianjin-Hebei Region: Based on Data from 13 Cities. **2023**, 15, 2907 ○
- 262 The impact of environmental regulations on the performance of regional collaborative innovation in the case of China's 30 provinces. **2023**, 30, 47985-48001 ○
- 261 AVALIAÇÃO DA EFICIÊNCIA TÉCNICA DO PROGRAMA NACIONAL DE ASSISTÊNCIA ESTUDANTIL DO INSTITUTO FEDERAL DO CEARÁ **2023**, 16, e937 ○
- 260 Measuring Gains and Losses in Virtual Water Trade from Environmental and Economic Perspectives. **2023**, 85, 195-209 ○
- 259 Integrating Assessment of Characterization, Sustainability and Efficiency for the Production of Rainbow Trout (*Oncorhynchus mykiss*): A Case Study in the Amazonas Region of Peru. **2023**, 13, 390 ○
- 258 Evaluation of groups using cooperative game with fuzzy data envelopment analysis. **2023**, 8, 8661-8679 ○
- 257 The impact of ESG factors on financial efficiency: An empirical analysis for the selection of sustainable firm portfolios. 1
- 256 Well-being in OECD countries: an assessment of technical and social efficiency using data envelopment analysis. ○
- 255 Does Environmental Regulation Promote the Infrastructure Investment Efficiency? Analysis Based on the Spatial Effects. **2023**, 20, 2960 ○
- 254 Evaluation of efficiency and ranking of Indian hotels and restaurants: a bootstrap DEA approach. ○
- 253 The impact of natural resource dependence and green finance on green economic growth in the context of COP26. **2023**, 81, 103351 ○
- 252 Measuring and Analyzing the Efficiency of Firms in the Insurance Industry Using DEA Techniques. **2022**, 11, 59-83 ○
- 251 A robust DEA model in the presence of uncertain integer-valued parameters. ○
- 250 Comparison of different multicriteria decision-making methodologies for sustainability decision making. **2023**, 233-271 ○
- 249 Efficiency analysis of watermelon under plastic film mulching systems. **2023**, 8, 100107 ○
- 248 Difference in Energy Input and Output in Agricultural Production under Surface Irrigation and Water-Saving Irrigation: A Case Study of Kiwi Fruit in Shaanxi. **2023**, 15, 3114 ○
- 247 Assessing the implementation effect of Shanghai's compulsory municipal solid waste classification policy. ○

- 246 Impact of the development of information society on healthcare efficiency: Empirical evidence from 31 Chinese provinces. **2023**, 9, 205520762311543 ○
- 245 The efficiency of China's freshwater fishery breeding: nonparametric data envelopment analysis based on interprovincial data. **2023**, 30, 48972-48987 ○
- 244 Evaluation of Water Resources Utilization Efficiency Based on DEA and AHP under Climate Change. **2023**, 15, 718 ○
- 243 Analysis on Logistics Efficiency Measurement of New Western Land-Sea Corridor under the Background of Double Carbon and Ecological Environment Protection. **2023**, 2023, 1-14 ○
- 242 Study on Urban Fiscal Revenue and Industrial Upgrading Based on a Big Data Model. **2023**, 65-73 ○
- 241 Accounting for heterogeneity in the measurement of hospital performance. 1-16 ○
- 240 Efficiency Measurement of Lignite-Fired Power Plants in Greece Using a DEA-Bootstrap Approach. **2023**, 15, 3424 ○
- 239 Simultaneous estimation of input/output levels under improving efficiency level in an assessment window. **2023**, 27, 4553-4577 ○
- 238 Evaluation on the Operational Efficiency of Health Institutions in China. **2023**, 805-814 ○
- 237 Assessment of Energy Efficiency in the European Union Countries in 2013 and 2020. **2023**, 15, 3414 ○
- 236 Predicting the performance of MSMEs: a hybrid DEA-machine learning approach. ○
- 235 Assessing Resource Allocation Based on Workload: a Data Envelopment Analysis Study on Clinical Departments in a Class A Tertiary Public Hospital in China. ○
- 234 Efficiency of the Islamic Banking Sector: Evidence from Two-Stage DEA Double Frontiers Analysis. **2023**, 11, 32 ○
- 233 Measuring the X-Efficiency of Saudi Banks: Case Study Pre and Post-Coronavirus Crisis. **2023**, 13, 138-148 ○
- 232 Performance of US and European Exchange Traded Funds: A Base Point-Slack-Based Measure Approach. **2023**, 16, 130 ○
- 231 Differentiated Improvement Path of Carbon Emission Efficiency of China's Provincial Construction Industry: A Fuzzy-Set Qualitative Comparative Analysis Approach. **2023**, 13, 543 1
- 230 Does Energy Efficiency Matter for Poverty Alleviation and Economic Growth? A Fresh Empirical Insight From an Asian Perspective. ○
- 229 Performance evaluation of possibilistic fuzzy portfolios with different investor risk attitudes based on DEA approach. **2023**, 1-25 ○

- 228 Institutional Ownership and Firm Productive Efficiency: Is It All About Time? Evidence from France. **2023**, Volume 39, 17-44 ○
- 227 New Digital Infrastructure Impact on Agricultural Eco-Efficiency Improvement: Influence Mechanism and Empirical Test Evidence from China. **2023**, 20, 3552 1
- 226 Ascertaining the effects of service quality on customer loyalty in the context of ocean freight forwarders: An integration of structural equation modeling and network data envelopment analysis. **2023**, 100955 ○
- 225 Estimating the cost efficiency of public service providers in the presence of demand uncertainty. **2023**, ○
- 224 The Impact of Capital Structure on the Profitability Performance of ICT Firms. **2023**, 11, 635 ○
- 223 Agri-food 4.0: Drivers and links to innovation and eco-innovation. **2023**, 207, 107700 ○
- 222 Unearthing marine ecological efficiency and technology gap of China's coastal regions: A global meta-frontier super SBM approach. **2023**, 147, 109994 ○
- 221 Pay-for-performance incentives in benchmarking with quasi S-shaped technology. **2023**, 118, 102854 ○
- 220 A systematic literature review of data envelopment analysis implementation in agriculture under the prism of sustainability. **2023**, 23, ○
- 219 Micro-depots site selection for last-mile delivery, considering the needs of post-pandemic parcel recipients. **2023**, 69, 496-503 ○
- 218 Factors Affecting the Performance of Small and Medium Enterprises Regarding the Sustainable Development Goals The Case of Foreign Direct Investment Firms in Vietnam. **2023**, 11, 72 ○
- 217 The measurement of asset management performance of water companies. **2023**, 101545 ○
- 216 Receiving Robust Analysis of Spatial and Temporary Variation of Agricultural Water Use Efficiency While Considering Environmental Factors: On the Evaluation of Data Envelopment Analysis Technique. **2023**, 15, 3926 ○
- 215 Analysis of CO2 emission performance of China's thermal power industry: a meta-frontier Malmquist-Luenberger approach with fixed-sum CO2 emissions. 1-29 ○
- 214 Dynamic slack-based measure model efficiency evaluation of the impact of coal mining characteristics. **2023**, 16, ○
- 213 Analysis of productivity, efficiency, and their explanatory factors in the fast fashion sector: New evidence from the international environment. 1-19 ○
- 212 Understanding the change of land space utilization efficiency with different functions and its coupling coordination: A case study of Urban Agglomeration in the Middle Reaches of the Yangtze River, China. **2023**, 33, 289-310 ○
- 211 Coupling coordination degree and influencing factors of green science and technology innovation efficiency and digital economy level: Evidence from provincial panel data in China. 11, ○



210	Spatio-temporal characteristics and typical patterns of eco-efficiency of cultivated land use in the Yangtze River Economic Belt, China. <b>2023</b> , 33, 357-372	0
209	Decomposition of productivity growth among the cooperative banks in Jammu and Kashmir (India). <b>2023</b> , 10,	0
208	Efficiency in environmental spending for sustainable development in Spanish cities. 1-20	0
207	Estimation of technical efficiency of chemical-free farming using data envelopment analysis and machine learning: evidence from India.	0
206	Achieving Net Zero: An Illustration of Carbon Emissions Reduction with A New Meta-Inverse DEA Approach. <b>2023</b> , 20, 4044	0
205	Understanding the role of the government in promoting various sustainability sub-systems: An analysis based on new parallel-series network data envelopment analysis models. <b>2023</b> , 398, 136593	0
204	Benchmarking the operational efficiency of Mexican hospitals: A longitudinal study.	0
203	Marginal rates in DEA using defining hyperplanes of PPS with CRS technology. <b>2023</b> , 23,	0
202	Total-factor energy efficiency of ten major global energy-consuming countries. <b>2024</b> , 137, 41-52	1
201	Energy Resilience: A Cross-Economy Comparison. <b>2023</b> , 16, 2214	0
200	Water Pollution Abatement in Olive Oil Industry in Morocco: Cost Estimates and Policy Implications. <b>2023</b> , 15, 4180	0
199	Opportunities for the United States hotel industry to recover from COVID-19: a multi-period DEA analysis of key efficiency determinants.	0
198	Research and knowledge transfer performance in Colombian universities.	0
197	Exploring resource endowment and human capital impact on regional energy efficiency in China in the context of COP26. <b>2023</b> , 81, 103422	0
196	Applying Integrated Data Envelopment Analysis and Analytic Hierarchy Process to Measuring the Efficiency of Tourist Farms: The Case of Slovenia. <b>2023</b> , 15, 4314	0
195	Evaluation of Sustainable Development Policy of Sichuan Citrus Industry in China Based on DEA-Malmquist Index and DID Model. <b>2023</b> , 15, 4260	0
194	Spatiotemporal Evolution and Antecedents of Rice Production Efficiency: From a Geospatial Approach. <b>2023</b> , 11, 131	0
193	Calculation and Allocation of Atmospheric Environment Governance Cost in the Yangtze River Economic Belt of China. <b>2023</b> , 20, 4281	0

- 192 A research on the effectiveness of innovation policy for regional innovation under Chinese long-range plan. ○
- 191 Neural Network and DEA Model for Evaluation of Operational Efficiency of Co-operative Banks. **2022**, ○
- 190 An integrated approach for the merger of small and medium-sized industrial units ..... ○
- 189 Study on energy rebound effects of China's industries. **2023**, 18, e0282242 ○
- 188 Measuring Efficiency of Hotels and Restaurants Using Recyclable Input and Outputs. **2023**, 577-589 ○
- 187 Performance Evaluation by SBM DEA Model Under Fuzzy Environments Using Expected Credits. **2023**, 565-576 ○
- 186 Optimized allocation of renewable energy quota in Chinese provinces. **2023**, 15, 025902 ○
- 185 Efficiency, quality, and management practices in multidisciplinary and traditional diabetes healthcare services in Mexico. ○
- 184 Efficiency Assessment of an Institute Through Parallel Network Data Envelopment Analysis. **2023**, 591-602 ○
- 183 Multicriteria Decision Making. **2023**, 37-70 ○
- 182 Technical efficiency and its determinants of handloom micro-enterprises in the Indian state of Assam: a two-stage double-bootstrap DEA approach. ○
- 181 Ranking of Efficient DMUs Using Super-Efficiency Inverse DEA Model. **2023**, 615-626 ○
- 180 Port Efficiency Evaluation of Turkish Container Ports Based on DEA-SCOR Model: An Effective Sea Gateways in Türkiye for One Belt and One Road Initiative. ○
- 179 Evaluating disparities and convergence of financial support efficiency for resource recycling industry in China. **2023**, 398, 136655 ○
- 178 Non-human and human service efficiency of long-term care facilities in China. 11, ○
- 177 Exact and stochastic methods for robustness analysis in the context of Imprecise Data Envelopment Analysis. **2023**, 23, ○
- 176 Sustainable development of rural regions: metafrontier data envelopment analysis of hometown tax in municipality K. ○
- 175 Benchmark Approach for Efficiency Improvement in Green Supply Chain Management with DEA Models. **2023**, 15, 4433 ○

- 174 Technical Efficiency Evaluation of Primary Health Care Institutions in Shenzhen, China, and Its Policy Implications under the COVID-19 Pandemic. **2023**, 20, 4453 ○
- 173 Assessment of airline industry using a new double-frontier cross-efficiency method based on prospect theory. ○
- 172 Kayseri İ Yumurta Tavuk^ İlu İletmelerinde Verimlilik ve Karlılık Analizleri. ○
- 171 Neutrosophic statistics and the medical data: a systematic review. **2023**, 357-372 ○
- 170 Efficiency evaluation of urban employee's basic endowment insurance expenditure in China based on a three-stage DEA model. **2023**, 18, e0279226 ○
- 169 The defence economy: an assessment of productivity change in NATO countries. 1-18 ○
- 168 Measuring the efficiency of the banking sector by the method of Data Envelopment Analysis. **2023**, 70-79 ○
- 167 A metafrontier analysis approach for assessing the efficiency of freight service providers. **2023**, 10, ○
- 166 Technical efficiency of U.S. Western Great Plains wheat farms using stochastic frontier analysis. **2023**, 26, ○
- 165 Considering the impact of geographic location and climate on China's environmental efficiency based on a meta dynamic non-radial DDF. ○
- 164 A fuzzy-DEA water sustainability index: an application in European Union water risk hotspots. ○
- 163 Spatiotemporal spillover effect and efficiency of carbon emissions from land use in China. ○
- 162 Financing capacity planning with environmental considerations: A non-parametric analysis. **2023**, 118, 102866 ○
- 161 Forecast of Advanced Human Capital Gap Based on PSO-BP Neural Network and Coordination Pathway: Example of BeijingTianjinHebei Region. **2023**, 15, 4671 ○
- 160 Efficiency evaluation of public hospitals in Kuwait: an application of data envelopment analysis. ○
- 159 Measuring the efficiency of public hospitals: A multistage data envelopment analysis in Fujian Province, China. 11, ○
- 158 Environmental performance in agricultural supply chain: evidence from the major grain crops in China. ○
- 157 High-quality development of red tourism economy in resourceful province based on resource transformation efficiency. **2023**, 38, 576 ○

- 156 Can urban digitalization significantly improve carbon emission efficiency? Evidence from 282 cities in China. **2023**, 30, 55214-55236 ○
- 155 Negative Data in Data Envelopment Analysis (DEA). **2022**, 49-53 ○
- 154 Does Local Government Competition Reduce Environmental Governance Performance? The Role of Public Value Conflict and Media Sentiment. 009539972311577 ○
- 153 The Financing Efficiency of China's Industrial Listed Enterprises Based on the Dynamic Network SBM Model. **2023**, 15, 4723 ○
- 152 Efficiency Measurement Using Data Envelopment Analysis (DEA) in Public Healthcare: Research Trends from 2017 to 2022. **2023**, 11, 811 ○
- 151 Technical efficiency analysis of oil companies in the Republic of Serbia. **2023**, 36, ○
- 150 Change and convergence of innovation efficiency among listed health companies in China: Empirical study based on the DEA-Malmquist model. 14, ○
- 149 Determining the amount of the excess input and the output shortage of the congested decision-making units with negative data. ○
- 148 Analysis of financial support efficiency and influencing factors of listed seed companies from the perspective of energy consumption and carbon emissions. **2023**, 30, 55541-55556 ○
- 147 Buffered-ranking intervals for virtual profit efficiency analysis. ○
- 146 Decomposing Economic Efficiency into Technical and Allocative Components: An Essential Property. **2023**, 197, 98-129 ○
- 145 Applying frontier approach to measure the financial efficiency of hospitals. **2023**, 9, 205520762311629 ○
- 144 Sustainable total factor productivity of transport: considering safety issues and environmental impacts. **2023**, 30, 56094-56107 ○
- 143 FMECA of CNC machine tool design stage based on CBWM and DEA. ○
- 142 Determinants of bank efficiency in an emerging economy: A data envelopment analysis approach. **2023**, 18, e0281663 ○
- 141 Assessment of Efficiency and Effectiveness of Bus Transport Organizations Using DEA Incorporating Emissions and Accidents. **2023**, 1-17 ○
- 140 The Impact of Urbanization on Cultivated Land Use Efficiency in the Yangtze River Economic Belt in China. **2023**, 13, 666 ○
- 139 Portfolio Structure of Debt Mutual Funds in Indian Market. **2022**, 211-220 ○

- 138 Productivity of Services in the Countries of Central and Eastern Europe: Analysis Using Malmquist Indices. **2023**, 11, 91 ○
- 137 The Use of the DEA Method for Measuring the Efficiency of Electronic Public Administration as Part of the Digitization of the Economy and Society. **2023**, 13, 3672 ○
- 136 Technological drivers of dry port efficiency in Brazil. ○
- 135 Study on the Evaluation of the Development Efficiency of Smart Mine Construction and the Influencing Factors Based on the US-SBM Model. **2023**, 15, 5183 ○
- 134 Development of Bi-Objective Fuzzy Data Envelopment Analysis Model to Measure the Efficiencies of Decision-Making Units. **2023**, 11, 1402 ○
- 133 FDI and Wellbeing: A Key Node Analysis for Psychological Health in Response to COVID-19 Using Artificial Intelligence. **2023**, 20, 5164 ○
- 132 Measuring hospital technical efficiency with data envelopment analysis, application to 20 Paris public university hospitals. ○
- 131 Spatial Correlation Network and Driving Factors of Urban Energy Eco-Efficiency from the Perspective of Human Well-Being: A Case Study of Shaanxi Province, China. **2023**, 20, 5172 ○
- 130 Performance evaluation of Chinese research universities: A parallel interactive network DEA approach with shared and fixed sum inputs. **2023**, 101582 ○
- 129 Assessing the Static and Dynamic Efficiency of Digital Economy in China: Three Stage DEA Malmquist Index Based Approach. **2023**, 15, 5270 ○
- 128 Analyzing the effect of health reforms on the efficiency of Ecuadorian public hospitals. ○
- 127 Assessing sustainable economic development efficiency: A DEA approach. **2023**, 43-43 ○
- 126 Seaport Network Efficiency Measurement Using Triangular and Trapezoidal Fuzzy Data Envelopment Analyses with Liner Shipping Connectivity Index Output. **2023**, 11, 1454 ○
- 125 On a Choquet Integral DEA Cross-Efficiency Evaluation Method Involving the Satisfaction of Decision-Making Units and Weight Balance of Indicators. **2023**, 16, ○
- 124 Extracting Branch Factors of Scenarios from a Gaming Simulation Using Log-Cluster Analysis. **2023**, 27, 223-234 ○
- 123 Bibliometric analysis of sustainability papers: Evidence from Environment, Development and sustainability. ○
- 122 Integrated vs. Specialized Farming Systems for Sustainable Food Production: Comparative Analysis of Systems Technical Efficiency in Nebraska. **2023**, 15, 5413 ○
- 121 Impacts of Irrigation, Mechanization and Subsidies on Wheat Efficiency in China: An Application of Two-Stage DEA. **2023**, 97-108 ○

- 120 How Does the Competitiveness Index Promote Foreign Direct Investment at the Provincial Level in Vietnam? An Integrated Grey DelphiDEA Model Approach. **2023**, 11, 1500 ○
- 119 Evaluation of Resource Utilization Efficiency in the Machining Process Based on the SBM-DEA Model with Non-Expected Output. **2023**, 11, 916 ○
- 118 The Dual Nature of Multilateral Development Banks. **2023**, ○
- 117 Digital Financial Coverage, Depth of Usage, and Financial Efficiency. 1-19 ○
- 116 Eco-efficiency considering NetZero and data envelopment analysis: a critical literature review. ○
- 115 Group decision-making with multiplicative probabilistic linguistic preference relations based on consistency improvement and upgraded multiplicative DEA cross-efficiency. **2023**, 1-16 ○
- 114 Efficiency of Non-profit Organisations: a DEA Analysis in Support of Strategic Decision-Making. ○
- 113 Green credit operation performance evaluation of commercial banks in the context of epidemic and carbon reduction. 014459872311629 ○
- 112 European Efficiency or Inefficiency in Economic Growth Through Digital Transformation. **2023**, 70, 19-31 ○
- 111 Analysis and Evaluation of Extreme Rainfall Trends and Geological Hazards Risk in the Lower Jinshajiang River. **2023**, 13, 4021 ○
- 110 The relationships among group decision making units based on partial ordered set. **2023**, 179, 109173 ○
- 109 Input and output reconsidered in supplier selection DEA model. ○
- 108 A fuzzy rough network data envelopment analysis approach for evaluating the sustainability of supply chains: a case study in the pasta industry. 1-21 ○
- 107 The Impact of Water Utilization on the Dynamic Total Efficiency of China's Agricultural Production. **2023**, 15, 1266 ○
- 106 Evaluation of Efficiency and Prioritization of Resilience and Efficiency Criteria of Dairy Industrial Farms in Kerman. **2022**, 13, 163-171 ○
- 105 Does More Investment in Universities Improve Their Performances?. **2023**, 31, 1-20 ○
- 104 Financial and social efficiency of microcredit programs of partner organizations of Pakistan Poverty Alleviation Fund. **2023**, 18, e0280731 ○
- 103 Modeling Retail Supply Chain Efficiency: Exploration and Comparative Analysis of Different Approaches. **2023**, 11, 1571 ○

102	Connectivity and competitiveness of the major Mediterranean container ports using Benefit-of-the-Doubt and Common Sets of Weights methods in Data Envelopment Analysis.	○
101	Digital Economy and 3E Efficiency Performance: Evidence from EU Countries. <b>2023</b> , 15, 5661	○
100	Recent Developments in Fuzzy Dynamic Data Envelopment Analysis and Its Applications. <b>2023</b> , 183-207	○
99	Cost-Efficiency Indicators. <b>2022</b> , 1-3	○
98	Eco-efficiency evaluation and productivity change of Yangtze River Economic Belt in China: a meta-frontier Malmquist-Luenberger index perspective. <b>2023</b> , 16,	○
97	Factor affecting technical efficiency of the banking sector: Evidence from Ethiopia. <b>2023</b> , 11,	○
96	COVID-19 Quarantine Measures Efficiency Evaluation by Best Tube Interval Data Envelopment Analysis. <b>2023</b> , 4,	○
95	Technical efficiency and constraints related to rice production in West Africa: The case of Benin Republic. <b>2023</b> , 9,	○
94	Eco-Efficiency Evaluation of Sloping Land Conversion Program and Its Spatial and Temporal Evolution: Evidence from 314 Counties in the Loess Plateau of China. <b>2023</b> , 14, 681	○
93	Congestion effects of energy and capital in China's carbon emission reduction: Evidence from provincial levels. <b>2023</b> , 274, 127344	○
92	Investigating the ability of fuzzy and robust DEA models to apply uncertainty conditions: an application for date palm producers.	○
91	Does Farmers' Lottery Participation Affect Technical Efficiency of Banana Production in Rural China?. <b>2023</b> , 13, 767	○
90	Investigating the Factors Affecting Research and Development Expenditure Efficiency in China and India.	○
89	Efficiency Calculation and Evaluation of Environmental Governance Using the Theory of Production, Life, and Ecology Based on Panel Data from 27 Provinces in China from 2003 to 2020. <b>2023</b> , 11, 174	○
88	A data envelopment analysis model for location optimization of feedstock cultivation in a biodiesel supply chain: a case study.	○
87	A review of network DEA models based on slacks-based measure: Evolution of literature, applications, and further research direction.	○
86	Will Online MOOCs Improve the Efficiency of Chinese Higher Education Institutions? An Empirical Study Based on DEA. <b>2023</b> , 15, 5970	○
85	Understanding resource deployment efficiency for ESG and financial performance: A DEA approach. <b>2023</b> , 65, 101941	○

- 84 Efficiency measurement based on novel performance measures in total productive maintenance (TPM) using a fuzzy integrated COPRAS and DEA method. 3, ○
- 83 Spatial spillover and determinants of tourism efficiency: A low carbon emission perspective. 135481662311670○
- 82 Covid-19 D^ Ėemi Konaklama Tesisi Etkinlik ve Verimlilikleri: Kapadokya/T^ Ėkiye ^ ĖneĖ 2023, 8, 130-140 ○
- 81 Efficiency of non-revenue water reduction in improving water supply performance in Indian metropolises. ○
- 80 Impact of digital payment adoption on Indian banking sector efficiency. ○
- 79 A dynamic network data envelopment analysis cross-efficiency evaluation on the benefits of bus transit services in 33 Chinese cities. 1-13 ○
- 78 Examining the impact of the COVID-19 pandemic on container carrier performance. ○
- 77 Investigating the Environmental and Economic Sustainability of Crop Subsector. ○
- 76 Effect of Fiscal Expenditure for Supporting Agriculture on Agricultural Economic Efficiency in Central China: A Case Study of Henan Province. 2023, 13, 822 ○
- 75 Efficiency of New Zealand District Health Boards. 2022, 3659-3664 ○
- 74 Coordinated development efficiency between cultivated land spatial morphology and agricultural economy in underdeveloped areas in China: Evidence from western Hubei province. 2023, 33, 801-822 ○
- 73 Spatial spillover effect of Green Finance and Clean Energy on China's Provincial Green Economic Development. ○
- 72 Technological, healthcare and consumer funds efficiency: influence of COVID-19. 2023, 23, ○
- 71 Comparative Efficiency Studies. 2022, 2036-2039 ○
- 70 Measuring Efficiency in Hospitals. 2022, 8073-8077 ○
- 69 Sustainable Development, Government Efficiency, and People's Happiness. ○
- 68 Environmental efficiency of ports under the dual carbon goals: Taking China's Bohai-rim ports as an example. 10, ○
- 67 Literature on data envelopment analysis in airline efficiency and productivity. 2023, 9-49 ○



- 66 Measuring airline performance: Network DEA. **2023**, 185-228 ○
- 65 Why Corporate Sustainability Is Not Yet Measured. **2023**, 15, 6275 ○
- 64 Introduction. **2023**, 1-7 ○
- 63 Using Network DEA to Explore the Effect of Mobile Payment on Taiwanese Bank Efficiency. **2023**, 15, 6344 ○
- 62 Does contract farming enhance farm efficiency? A case of wheat growers of Haryana, India. **2023**, 9, e15222 ○
- 61 Temporal and Spatial Evolution of Rice Productivity and Its Influencing Factors in China. **2023**, 13, 1075 ○
- 60 Development of a predictive model for workers' involvement in workplace accidents in an underground coal mine. **2023**, 48, ○
- 59 Quantifying the health benefits of improving environmental efficiency: A case study from coal power plants in China. **2023**, 121, 106672 ○
- 58 Data Envelopment Analysis for the Efficiency of Higher Education Departments at Sepuluh Nopember Institute of Technology, Indonesia. **2023**, 12, 1153-1169 ○
- 57 Risk and synergy of multinational enterprise mergers and acquisitions under the background of the COVID-19 pandemic. **2023**, ○
- 56 Measuring the Efficiency of Public Transport Lines in Albania using DEA Model. **2023**, 19, 300-308 ○
- 55 Investigation of water utility efficiency features: production variables and the DEA model choices. ○
- 54 Integrating Non-Targeted Ecosystem Services into Assessment of Natural Stormwater Treatment Systems. **2023**, 15, 1460 ○
- 53 The impact of mutual funds' ESG scores on their financial performance during the COVID-19 pandemic. A data envelopment analysis. ○
- 52 Achieving co-benefits by implementing the low-carbon city pilot policy in China: Effectiveness and efficiency. **2023**, 30, 103137 ○
- 51 Empirical benchmarking of virtual service centers' service quality: a case of a large telecom service provider in India. ○
- 50 Application of Transformed Two-Stage Network DEA to Strategic Design of Biofuel Supply Chain Network. ○
- 49 DEA, balanced scorecard and intellectual capital including the gender dimension: A comprehensive list of indicators. ○

- 48 A new approach for vehicle-health system measurement by network data envelopment analysis and an application in the USA. ○
- 47 Efficiency decomposition in three-stage network with fuzzy desirable and undesirable output and fuzzy input in data envelopment analysis. ○
- 46 Dynamic Analysis and Trend Forecast of China's Forestry Carbon Sink Benefits Based on Dual Carbon Targets. ○
- 45 Performance assessment of primary health care services using data envelopment analysis and the quality-adjusted malmquist index. 1-17 ○
- 44 Production technologies with ratio inputs and outputs. **2023**, ○
- 43 Estimating the potato farming efficiency: A comparative study between stochastic frontier analysis and data envelopment analysis. **2023**, 18, e0284391 ○
- 42 Estimating Effectiveness of Identifying Human Trafficking via Data Envelopment Analysis. ○
- 41 THE MEASUREMENT AND EVALUATION OF EFFICIENCY PERFORMANCE IN MANUFACTURING: A FUZZY DATA ENVELOPMENT ANALYSIS (DEA) APPROACH. **2023**, ○
- 40 An Assessment of the Green Development Efficiency of Industrial Parks in China: Based on Non-desired Output and Non-radial DEA Model. **2023**, ○
- 39 Provincial CO2 emission efficiency analysis in China based on a game cross-efficiency approach with a fixed-sum undesirable output. ○
- 38 Bank Profitability Analysis in China: Stochastic Frontier Approach. **2023**, 16, 243 ○
- 37 Identifying the evolution of ecological poverty alleviation efficiency and its influencing factors: evidence from counties in Northeast China. ○
- 36 Aggregation in efficiency and productivity analysis: a brief review with new insights and justifications for constant returns to scale. ○
- 35 The influence of organisational and staff characteristics on local governments' efficiency: the case of Mexican municipalities. 1-20 ○
- 34 Dynamic Equilibrium of Sustainable Ecosystem Variables: An Experiment. **2023**, 15, 6744 ○
- 33 Combining common-weights DEA window with the Malmquist index: A case of China's iron and steel industry. **2023**, 101596 ○
- 32 Assessing the Dynamic Efficiency and Technology Gap of Airports Under Different Ownerships: A Union Dynamic NDEA Approach. **2023**, 102888 ○
- 31 A Review of Applications of Data Envelopment Analysis in Forest Engineering. ○

- 30 How do industrial sectors contribute to carbon peaking and carbon neutrality goals? A heterogeneous energy efficiency analysis for Beijing. **2023**, ○
- 29 Impact of slack resources on healthcare costs in tertiary and secondary hospitals: a panel data study of public hospitals in Beijing from 2015 to 2019. **2023**, 13, e068383 ○
- 28 The Synergic Entropy. An efficient frontier output derived from merged input units boosted by synergy and constrained by critical input. **2023**, 7, 39-70 ○
- 27 Assessing sustainable development goals attainment through energy-environmental efficiency: The case of Latin American and Caribbean countries. **2023**, 57, 103219 ○
- 26 The trade-off between economic development and pandemic control: strategy identification and effect analysis. 1-19 ○
- 25 Efficiency evaluation for decision making units with fixed-sum outputs using data envelopment analysis and stochastic multicriteria acceptability analysis. 1-26 ○
- 24 Assessing the eco-efficiency of industrial parks recycling transformation: Evidence from data envelopment analysis (DEA) and fuzzy set qualitative comparative analysis (fsQCA). 11, ○
- 23 Poverty Alleviation Efficiency of Tourism and Its Spatiotemporal Differentiation in Jiangxi Province of China Based on the DEA Model. **2023**, 13, 215824402311688 ○
- 22 Exploring Technical Efficiency in Water Supply Evidence from Ecuador: Do Region Location and Management Type Matter?. **2023**, 15, 6983 ○
- 21 Do environmental and economic performance go hand in hand? An industrial analysis of European Union companies with the non-parametric data envelopment analysis method. ○
- 20 Fuzzy Efficiency Estimates of the Turkish Health System: A Comparison of Interval, Bias-Corrected, and Fuzzy Data Envelopment Analysis. ○
- 19 Efficiency evaluation of two-stage parallel-series structures with fixed-sum outputs: An approach based on SMAA and DEA. **2023**, 227, 120264 ○
- 18 Does Chinese forestry eco-efficiency converge? A three-stage DEA-Malmquist approach. ○
- 17 Sustainability evaluation of transportation supply chains by common set of weights-network DEA and Shannon's entropy in the presence of zero inputs. ○
- 16 A data envelopment analysis-based clustering approach under dynamic situations. **2023**, ○
- 15 Assessing the impact of COVID-19 on the performance of organ transplant services using data envelopment analysis. ○
- 14 Common-weights fuzzy DEA model in the presence of undesirable outputs with ideal and anti-ideal points: development and prospects. ○
- 13 Will China complete the 4.79-billion-ton railway freight transportation goal: An incremental potential research from the supply side. **2023**, 26, 100385 ○

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|----|---|---|
| 12 | Performance analytics for regulation in retail water utilities: Guiding asset management by identifying peers and targets. <b>2023</b> , 82, 101559                   | ○ |
| 11 | An empirical analysis of exchange-traded funds in the US. <b>2023</b> , 78, 995-1009  | ○ |
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| 9  | Evidential reasoning rule for environmental governance cost prediction with considering causal relationship and data reliability.                                     | ○ |
| 8  | Efficient resource utilization of the electricity distribution sector using nonparametric data envelopment analysis and influential factors. <b>2023</b> , 82, 101571 | ○ |
| 7  | Research on Commercial Bank's Operating Efficiency. <b>2023</b> , 526-535   | ○ |
| 6  | Efficiency analysis of reinsurers in India: a three stage fuzzy closed system DEA approach.   | ○ |
| 5  | Beyond the Z-score: A novel measure of bank stability for effective policymaking.   | ○ |
| 4  | Handling multi-granular hesitant information: A group decision-making method based on cross-efficiency with regret theory. <b>2023</b> , 227, 120332                  | ○ |
| 3  | Is there an optimal microcredit size to maximize the social and financial efficiencies of microfinance institutions?. <b>2023</b> , 65, 101980                        | ○ |
| 2  | Policy and efficiency evaluation on civil health, well-being, and economic growth in China by investigating waterborne disease. <b>2023</b> , 228, 120424             | ○ |
| 1  | Major Apparel Exporting Countries in Asia: A Study of Technical Efficiency and Its Determinants. 227868212311618  | ○ |