A new method for probabilistic linguistic multi-attribut Application to the selection of financial technologies

Applied Soft Computing Journal 77, 155-175 DOI: 10.1016/j.asoc.2019.01.009

Citation Report

#	Article	IF	CITATIONS
1	A cumulative belief degree approach for group decisionâ€making problems with heterogeneous information. Expert Systems, 2019, 36, e12458.	4.5	13
2	An extended MULTIMOORA method for probabilistic linguistic multi-criteria group decision-making based on prospect theory. Computers and Industrial Engineering, 2019, 136, 528-545.	6.3	67
3	TODIM method for probabilistic linguistic multiple attribute group decision making based on the similarity measures and entropy. Journal of Intelligent and Fuzzy Systems, 2019, 37, 7025-7037.	1.4	8
4	Best-Worst Multi-Attribute Decision Making Method Based on New Possibility Degree With Probabilistic Linguistic Information. IEEE Access, 2019, 7, 133900-133913.	4.2	12
5	Novel operations for linguistic neutrosophic sets on the basis of Archimedean copulas and co-copulas and their application inÂmulti-criteria decision-making problems. Journal of Intelligent and Fuzzy Systems, 2019, 37, 2887-2912.	1.4	23
6	A Novel Failure Mode and Effect Analysis Approach Integrating Probabilistic Linguistic Term Sets and Fuzzy Petri Nets. IEEE Access, 2019, 7, 54918-54928.	4.2	20
7	Emergency rescue planning under probabilistic linguistic information: An integrated FTA-ANP method. International Journal of Disaster Risk Reduction, 2019, 37, 101170.	3.9	23
8	Combination of Probabilistic Linguistic Term Sets and PROMETHEE to Evaluate Meteorological Disaster Risk: Case Study of Southeastern China. Sustainability, 2019, 11, 1405.	3.2	21
9	An Integrated Decision-Making Method Based on Neutrosophic Numbers for Investigating Factors of Coastal Erosion. Symmetry, 2019, 11, 328.	2.2	21
10	An improved reliability model for FMEA using probabilistic linguistic term sets and TODIM method. Annals of Operations Research, 2022, 312, 235-258.	4.1	40
11	Probabilistic linguistic information fusion: A survey on aggregation operators in terms of principles, definitions, classifications, applications, and challenges. International Journal of Intelligent Systems, 2020, 35, 529-556.	5.7	50
12	Evaluation of poverty-stricken families in rural areas using a novel case-based reasoning method for probabilistic linguistic term sets. Computers and Industrial Engineering, 2020, 147, 106658.	6.3	17
13	Bid evaluation in civil construction under uncertainty: A two-stage LSP-ELECTRE III-based approach. Engineering Applications of Artificial Intelligence, 2020, 94, 103835.	8.1	28
14	BWM and MULTIMOORA-based multigranulation sequential three-way decision model for multi-attribute group decision-making problem. International Journal of Approximate Reasoning, 2020, 125, 169-186.	3.3	26
15	Multi-criteria outranking method based on probability distribution with probabilistic linguistic infuistic information. Computers and Industrial Engineering, 2020, 141, 106318.	6.3	29
16	Multicriteria Group Decision Making Approach for Evaluating the Performance of FinTech Projects. , 2020, , .		1
17	An Integrated Consensus Improving Strategy Based on PL-Wasserstein Distance and Its Application in the Evaluation of Network Public Opinion Emergencies. Complexity, 2020, 2020, 1-24.	1.6	1
18	Solar power station site selection: A model based on data analysis and MCGDM considering expert consensus. Journal of Intelligent and Fuzzy Systems, 2020, 39, 821-840.	1.4	7

#	Article	IF	CITATIONS
19	Evaluating IoT Platforms Using Integrated Probabilistic Linguistic MCDM Method. IEEE Internet of Things Journal, 2020, 7, 11195-11208.	8.7	137
20	A two-stage similarity clustering-based large group decision-making method with incomplete probabilistic linguistic evaluation information. Soft Computing, 2020, 24, 16869-16883.	3.6	9
21	Dual Linguistic Term Set and Its Application Based on the Normal Cloud Model. IEEE Transactions on Fuzzy Systems, 2021, 29, 2180-2194.	9.8	25
22	Intuitionistic 2-tuple linguistic aggregation information based on Einstein operations and their applications in group decision making. Artificial Intelligence Review, 2020, 53, 4625-4650.	15.7	11
23	A systematic review of developments in the 2-tuple linguistic model and its applications in decision analysis. Soft Computing, 2023, 27, 1871-1905.	3.6	12
24	TOPSIS Method for Developing Supplier Selection with Probabilistic Linguistic Information. International Journal of Fuzzy Systems, 2020, 22, 749-759.	4.0	79
25	An integrated probabilistic linguistic projection method for <scp>MCGDM</scp> based on <scp>ELECTRE III</scp> and the weighted convex median voting rule. Expert Systems, 2020, 37, e12593.	4.5	19
26	Diversified multiple attribute group decision-making based on multigranulation soft fuzzy rough set and TODIM method. Computational and Applied Mathematics, 2020, 39, 1.	2.2	12
27	A Novel Preference Measure for Multi-Granularity Probabilistic Linguistic Term Sets and its Applications in Large-Scale Group Decision-Making. International Journal of Fuzzy Systems, 2020, 22, 2350-2368.	4.0	14
28	SACPC: A framework based on probabilistic linguistic terms for short text sentiment analysis. Knowledge-Based Systems, 2020, 194, 105572.	7.1	67
29	Some new basic operations of probabilistic linguistic term sets and their application in multi-criteria decision making. Soft Computing, 2020, 24, 12131-12148.	3.6	24
30	Evaluate Air Pollution by Promethee Ranking in Yangtze River Delta of China. International Journal of Environmental Research and Public Health, 2020, 17, 587.	2.6	15
31	A novel meta-heuristic search algorithm for solving optimization problems: capuchin search algorithm. Neural Computing and Applications, 2021, 33, 2515-2547.	5.6	113
32	A consensus model for hesitant fuzzy linguistic group decision-making in the framework of Dempster–Shafer evidence theory. Knowledge-Based Systems, 2021, 212, 106559.	7.1	64
33	Trust modeling based on probabilistic linguistic term sets and the MULTIMOORA method. Expert Systems With Applications, 2021, 165, 113817.	7.6	17
34	A two-sided matching method considering the lowest value of acceptability with regret theory for probabilistic linguistic term sets. International Journal of Machine Learning and Cybernetics, 2021, 12, 917-930.	3.6	22
35	Distributed linguistic representations in decision making: Taxonomy, key elements and applications, and challenges in data science and explainable artificial intelligence. Information Fusion, 2021, 65, 165-178.	19.1	138
36	Combined probabilistic linguistic term set and ELECTRE II method for solving a venture capital project evaluation problem. Economic Research-Ekonomska Istrazivanja, 2022, 35, 60-82.	4.7	6

#	Article	IF	CITATIONS
37	Multi-Criteria Decision-Making Method Based on a Weighted 2-Tuple Fuzzy Linguistic Representation Model. International Journal of Information Technology and Decision Making, 2021, 20, 619-634.	3.9	2
38	Unbalanced probabilistic linguistic decision-making method for multi-attribute group decision-making problems with heterogeneous relationships and incomplete information. Artificial Intelligence Review, 2021, 54, 3431-3471.	15.7	9
39	Risk ranking of wind turbine systems through an improved FMEA based on probabilistic linguistic information and the TODIM method. Journal of the Operational Research Society, 2022, 73, 467-480.	3.4	26
40	Wasserstein distance-based probabilistic linguistic TODIM method with application to the evaluation of sustainable rural tourism potential. Economic Research-Ekonomska Istrazivanja, 2022, 35, 409-437.	4.7	4
41	An approach based on combining Choquet integral and TOPSIS methods to uncertain MAGDM problems. Soft Computing, 2021, 25, 7181-7195.	3.6	7
42	Online teaching quality evaluation based on multi-granularity probabilistic linguistic term sets. Journal of Intelligent and Fuzzy Systems, 2021, 40, 9915-9935.	1.4	21
43	A multi-stage group decision making for strategic supplier selection based on prospect theory with interval-valued q-rung orthopair fuzzy linguistic sets. Journal of Intelligent and Fuzzy Systems, 2021, 40, 9855-9871.	1.4	7
44	A hybrid model based on PROMETHEE and PLTSs for the assessment of public participation in community meteorological disaster prevention and mitigation. Journal of Intelligent and Fuzzy Systems, 2021, 40, 9583-9595.	1.4	1
45	Multi-criteria decision-making framework for large-scale rooftop photovoltaic project site selection based on intuitionistic fuzzy sets. Applied Soft Computing Journal, 2021, 102, 107098.	7.2	47
46	OVERVIEW OF FINANCIAL TECHNOLOGY (FINTECH) IN LOGISTICS: LITERATURE STUDY. Journal of Economics, Management, Entrepreneur, and Business, 2021, 1, 72-78.	0.1	0
47	A 2-dimensional uncertain linguistic MABAC method for multiattribute group decision-making problems. Complex & Intelligent Systems, 2022, 8, 349-360.	6.5	11
48	A new EDAS method for probabilistic linguistic information based on evidence theory and its application in evaluating nursing homes. Journal of Intelligent and Fuzzy Systems, 2021, 40, 10865-10876.	1.4	2
49	An integrated method for multiattribute group decision making with probabilistic linguistic term sets. International Journal of Intelligent Systems, 2021, 36, 6871-6912.	5.7	9
50	Representing a probabilistic linguistic term set with an interval type-2 fuzzy set and the application in green supplier selection. Journal of Intelligent and Fuzzy Systems, 2021, 41, 595-612.	1.4	0
51	Interactive multi-criteria group decision-making with probabilistic linguistic information for emergency assistance of COVID-19. Applied Soft Computing Journal, 2021, 107, 107383.	7.2	45
52	altimg="si2.svg"> <mml:mi>K</mml:mi> -means clustering for the aggregation of HFLTS possibility distributions: <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline" id="d1e1670" altimg="si148.svg"><mml:mi mathvariant="script">N</mml:mi </mml:math> -two-stage algorithmic paradigm. Knowledge-Based	7.1	45
53	Systems, 2021, 227, 107230. Probabilistic Linguistic-Based Group DEMATEL Method with Both Positive and Negative Influences. Complexity, 2021, 2021, 1-20.	1.6	2
54	Multi-attribute group decision making with opinion dynamics based on social trust network. Information Fusion, 2021, 75, 102-115.	19.1	48

CITATION REPORT

#	Article	IF	CITATIONS
55	A probabilistic linguistic dominance score method considering individual semantics and psychological behavior of decision makers. Expert Systems With Applications, 2021, 184, 115372.	7.6	31
56	Multi-criteria sorting decision making based on dominance and opposition relations with probabilistic linguistic information. Fuzzy Optimization and Decision Making, 2020, 19, 435-470.	5.5	18
57	Portfolio optimisation of material purchase considering supply risk – A multi-objective programming model. International Journal of Production Economics, 2020, 230, 107803.	8.9	18
58	A Dynamic Linguistic Decision Making Approach for a Cryptocurrency Investment Scenario. IEEE Access, 2020, 8, 228514-228524.	4.2	9
59	An Entropy-Based Method for Probabilistic Linguistic Group Decision Making and its Application of Selecting Car Sharing Platforms. Informatica, 2020, , 621-658.	2.7	15
60	Managing consistency and consensus measures and adjustment strategies in group decision making with probabilistic linguistic preference relations. Journal of Intelligent and Fuzzy Systems, 2021, , 1-25.	1.4	0
61	Insights into financial technology (FinTech): a bibliometric and visual study. Financial Innovation, 2021, 7, 69.	6.4	47
62	Design Development of Financial Citizenship Model for Women in Indonesia. IOP Conference Series: Materials Science and Engineering, 0, 1007, 012046.	0.6	1
63	A novel linguistic decision-making method based on the voting model for large-scale linguistic decision making. Soft Computing, 2022, 26, 787-806.	3.6	4
64	An extended VIKOR method based on particle swarm optimization and novel operations of probabilistic linguistic term sets for multicriteria group decisionâ€making problem. International Journal of Intelligent Systems, 2022, 37, 5381-5424.	5.7	7
65	SUSTAINABLE MEDICAL SUPPLIER SELECTION BASED ON MULTI-GRANULARITY PROBABILISTIC LINGUISTIC TERM SETS. Technological and Economic Development of Economy, 2022, 28, 381-418.	4.6	6
66	Multiattribute group decision-making method with double reference points and its applications in technological innovation environmental assessment. AEJ - Alexandria Engineering Journal, 2022, 61, 7749-7758.	6.4	2
67	A Novel Noncooperative Behavior Management Method for Multiattribute Large Group Decision-Making. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.7	1
68	A heterogeneous opinion-driven decision-support model for tourists' selection with different travel needs in online reviews. Journal of the Operational Research Society, 2023, 74, 272-289.	3.4	14
69	A non-cooperative behavior management method for multi-attribute large group decision-making. Journal of Intelligent and Fuzzy Systems, 2022, 43, 5337-5351.	1.4	1
70	A novel similarity-based consensus model for probabilistic linguistic sets and its application in multi-attribute large-scale group decision making. Computational and Applied Mathematics, 2022, 41, .	2.2	10
71	Investigating the role of Fintech in the banking industry: what do we know?. European Journal of Innovation Management, 2023, 26, 1365-1393.	4.6	15
72	The Research on Consistency Checking and Improvement of Probabilistic Linguistic Preference Relation Based on Similarity Measure and Minimum Adjustment Model. Mathematics, 2022, 10, 1369.	2.2	4

#	Article	IF	CITATIONS
73	A novel picture fuzzy Aczel-Alsina geometric aggregation information: Application to determining the factors affecting mango crops. AIMS Mathematics, 2022, 7, 12264-12288.	1.6	21
74	A Multiattribute Group Decision-Making Method With Probabilistic Linguistic Information Based on an Adaptive Consensus Reaching Model and Evidential Reasoning. IEEE Transactions on Cybernetics, 2023, 53, 1905-1919.	9.5	22
75	A New Interactive Decision Approach with Probabilistic Linguistic Data: An Application in the Academic Sector. Mathematical Problems in Engineering, 2022, 2022, 1-13.	1.1	0
76	A Novel Approach of Linguistic Picture Fuzzy Dombi Heronian Mean Operators and their Application to Emergency Program Selection. Journal of Experimental and Theoretical Artificial Intelligence, 2023, 35, 445-472.	2.8	2
77	Distance education quality evaluation based on multigranularity probabilistic linguistic term sets and disappointment theory. Information Sciences, 2022, 605, 159-181.	6.9	14
78	The research for PLTS normalization method based on minimum entropy change and its application in MAGDM problem. PLoS ONE, 2022, 17, e0268158.	2.5	1
79	A Dempster-Shafer-theory-based entry screening mechanism for small and medium-sized enterprises under uncertainty. Technological Forecasting and Social Change, 2022, 180, 121719.	11.6	7
80	A Multi-attribute Two-Sided Matching Decision Method Based on Multi-granularity Probabilistic Linguistic MARCOS. Mathematical Problems in Engineering, 2022, 2022, 1-16.	1.1	0
81	Probabilistic linguistic decision-making based on the hybrid entropy and cross-entropy measures. Fuzzy Optimization and Decision Making, 2023, 22, 415-445.	5.5	5
82	Application of Hamacher Aggregation Operators in the Selection of the Cite for Pilot Health Project based on Complex T-spherical Fuzzy Information. Mathematical Problems in Engineering, 2022, 2022, 1-13.	1.1	5
83	Tackling Comprehensive Evaluation of Tourism Community Resilience: A Probabilistic Hesitant Linguistic Group Decision Making Approach. Land, 2022, 11, 1652.	2.9	2
84	A probabilistic linguistic opinion dynamics method based on the DeGroot model for emergency decision-making in response to COVID-19. Computers and Industrial Engineering, 2022, 173, 108677.	6.3	4
85	Supplier Evaluation Considering Green Production Based on Probabilistic Linguistic Information. Energies, 2022, 15, 7420.	3.1	0
86	VIKOR Method for Plithogenic Probabilistic Linguistic MAGDM and Application to Sustainable Supply Chain Financial Risk Evaluation. International Journal of Fuzzy Systems, 2023, 25, 780-793.	4.0	5
87	Enhanced minimum-cost conflict risk mitigation-based FMEA for risk assessment in a probabilistic linguistic context. Computers and Industrial Engineering, 2022, 174, 108789.	6.3	8
88	A novel multi-attribute decision-making for ranking mobile payment services using online consumer reviews. Expert Systems With Applications, 2023, 213, 119262.	7.6	16
89	Applications of Cubic Schweizer–Sklar Power Heronian Mean to Multiple Attribute Decision-Making. Complexity, 2022, 2022, 1-34.	1.6	1
90	Cross-platform hotel evaluation by aggregating multi-website consumer reviews with probabilistic linguistic term set and Choquet integral. Annals of Operations Research, 0, , .	4.1	4

CITATION REPORT

	CITATION REPORT	
Article	IF	Citations
Probabilistic multiplicative unbalanced linguistic term set and its application in matrix games. International Journal of Machine Learning and Cybernetics, 0, , .	3.6	0
A multi-criteria group decision-making framework for investment assessment of offshore floatir wind-solar-aquaculture project under probabilistic linguistic environment. Environmental Scienc and Pollution Research, 0, , .	ng ce 5.3	0
A method for the dynamic collaboration of the public and experts in large-scale group emergend decision-making: Using social media data to evaluate the decision-making quality. Computers a Industrial Engineering, 2023, 176, 108943.		10
Q-Rung Interval-Valued Probabilistic Dual Hesitant Fuzzy Sets: A New Tool for Multiattribute Gro Decision-Making. Mathematical Problems in Engineering, 2023, 2023, 1-20.	roup 1.1	1
Managing multi-granular probabilistic linguistic information in large-scale group decision makin personalized individual semantics-based consensus model. Expert Systems With Applications, 2 120645.		3
The Determination and Elimination of Decision Makers' Hidden Inherent Preference in Proba Linguistic Group Decision-Making. Group Decision and Negotiation, 0, , .	abilistic 3.3	0
A parametric distance-based outranking method for probabilistic linguistic multi-criteria decision-making problems. Soft Computing, 2023, 27, 8137-8152.	3.6	1
Can digital finance empowerment reduce extreme ESG hypocrisy resistance to improve green innovation?. Energy Economics, 2023, 125, 106756.	12.1	9
A dynamic emergency response decision-making method considering the scenario evolution of maritime emergencies. Computers and Industrial Engineering, 2023, 182, 109438.	6.3	2
A multi-subgroup decision-making method for design selection based on subjective reports and objective physiological index data. Applied Soft Computing Journal, 2023, 146, 110667.	d 7.2	0
Advances of Probabilistic Linguistic Preference Relations: A Survey of Theory and Applications. International Journal of Fuzzy Systems, 0, , .	4.0	0

101	International Journal of Fuzzy Systems, 0, , .	4.0	0
102	A concept lattice-based expert opinion aggregation method for multi-attribute group decision-making with linguistic information. Expert Systems With Applications, 2024, 237, 121485.	7.6	0
103	TEX – True Exchange (Decentralized Crypto Currency Exchange for Indian Markets). E3S Web of Conferences, 2023, 430, 01158.	0.5	0
104	Linguistic Multiple-Attribute Decision Making Based on Regret Theory and Minimax-DEA. Mathematics, 2023, 11, 4259.	2.2	0
106	Attitude- and cost-driven consistency optimization model for decision-making with probabilistic linguistic preference relation. Computers and Industrial Engineering, 2023, 186, 109748.	6.3	5
107	Compatibility Distance Oriented Off-Center Clustering Method. Uncertainty and Operations Research, 2023, , 71-83.	0.1	0
108	A group decision framework for core competitiveness evaluation of small and medium-sized foreign trade enterprises under probabilistic linguistic term sets. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2023, , 1-14.	1.0	0
109	Projection-based TOPSIS method to MAGDM in dual probabilistic linguistic information environment. Journal of Intelligent and Fuzzy Systems, 2024, 46, 4557-4572.	1.4	0

#

91

93

95

97

99

101

#	Article	IF	CITATIONS
110	Type-2 interval-valued intuitionstic fuzzy matrix game and application to energy vehicle industry development. Expert Systems With Applications, 2024, 249, 123398.	7.6	0
111	An Enhanced Decision-Making Framework Driven by Complex Semantics Under Nested Probabilistic Linguistic Environments. Cognitive Computation, 0, , .	5.2	0
112	Research on probabilistic language multi-attribute group decision-making method based on correlation coefficient and improved entropy. Journal of Intelligent and Fuzzy Systems, 2024, 46, 9465-9478.	1.4	0