Beatriz Sinova FernÃ¡ndez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3590291/publications.pdf

Version: 2024-02-01

32	437	840776	752698
papers	citations	11	20
		h-index	g-index

34	34	34	180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A distance-based statistical analysis of fuzzy number-valued data. International Journal of Approximate Reasoning, 2014, 55, 1487-1501.	3.3	63
2	The median of a random fuzzy number. The 1-norm distance approach. Fuzzy Sets and Systems, 2012, 200, 99-115.	2.7	62
3	Hypothesis testing for means in connection with fuzzy rating scale-based data: algorithms and applications. European Journal of Operational Research, 2016, 251, 918-929.	5.7	35
4	Descriptive analysis of responses to items in questionnaires. Why not using a fuzzy rating scale?. Information Sciences, 2016, 360, 131-148.	6.9	34
5	Interval arithmetic-based simple linear regression between interval data: Discussion and sensitivity analysis on the choice of the metric. Information Sciences, 2012, 199, 109-124.	6.9	31
6	A generalized L1-type metric between fuzzy numbers for an approach to central tendency of fuzzy data. Information Sciences, 2013, 242, 22-34.	6.9	23
7	Analyzing data from a fuzzy rating scale-based questionnaire. A case study. Psicothema, 2015, 27, 182-91.	0.9	23
8	Rejoinder on â€œA distance-based statistical analysis of fuzzy number-valued dataâ€• International Journal of Approximate Reasoning, 2014, 55, 1601-1605.	3.3	21
9	M-Estimates of Location for the Robust Central Tendency of Fuzzy Data. IEEE Transactions on Fuzzy Systems, 2016, 24, 945-956.	9.8	17
10	M-estimators of location for functional data. Bernoulli, 2018, 24, .	1.3	15
11	A parameterized metric between fuzzy numbers and its parameter interpretation. Fuzzy Sets and Systems, 2014, 245, 101-115.	2.7	13
12	The Median of a Random Interval. Advances in Intelligent and Soft Computing, 2010, , 575-583.	0.2	11
13	Advantages of M-estimators of location for fuzzy numbers based on Tukey's biweight loss function. International Journal of Approximate Reasoning, 2018, 93, 219-237.	3.3	9
14	Robust scale estimators for fuzzy data. Advances in Data Analysis and Classification, 2017, 11, 731-758.	1.4	8
15	The fuzzy characterizing function of the distribution of a random fuzzy number. Applied Mathematical Modelling, 2015, 39, 4044-4056.	4.2	6
16	Empirical analysis of the maximum asymptotic bias of location estimators for fuzzy number-valued data. International Journal of Approximate Reasoning, 2019, 113, 1-13.	3.3	6
17	Arithmetic and Distance-Based Approach to the Statistical Analysis of Imprecisely Valued Data. Studies in Fuzziness and Soft Computing, 2013, , 1-18.	0.8	6
18	Central tendency for symmetric random fuzzy numbers. Information Sciences, 2014, 278, 599-613.	6.9	5

#	Article	IF	Citations
19	On the consistency of a spatial-type interval-valued median for random intervals. Statistics and Probability Letters, 2015, 100, 130-136.	0.7	5
20	M-estimators of location for interval-valued random elements. Chemometrics and Intelligent Laboratory Systems, 2016, 156, 115-127.	3.5	5
21	Location-Free Robust Scale Estimates for Fuzzy Data. IEEE Transactions on Fuzzy Systems, 2021, 29, 1682-1694.	9.8	5
22	M-estimators and trimmed means: from Hilbert-valued to fuzzy set-valued data. Advances in Data Analysis and Classification, 2021, 15, 267-288.	1.4	5
23	An Overview on the Statistical Central Tendency for Fuzzy Data Sets. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2015, 23, 105-132.	1.9	4
24	The Wabl/Ldev/Rdev Median of a Random Fuzzy Number and Statistical Properties. Advances in Intelligent Systems and Computing, 2015, , 143-150.	0.6	4
25	The mean square error of a random fuzzy vector based on the support function and the Steiner point. Fuzzy Sets and Systems, 2016, 292, 347-363.	2.7	3
26	On depth-based fuzzy trimmed means and a notion of depth specifically defined for fuzzy numbers. Fuzzy Sets and Systems, 2021, , .	2.7	3
27	Comparing the Medians of a Random Interval Defined by Means of Two Different L 1 Metrics. Studies in Fuzziness and Soft Computing, 2013, , 75-86.	0.8	3
28	Empirical Sensitivity Analysis on the Influence of the Shape of Fuzzy Data on the Estimation of Some Statistical Measures. Advances in Intelligent Systems and Computing, 2015, , 123-131.	0.6	3
29	A spatial-type interval-valued median for random intervals. Statistics, 2018, 52, 479-502.	0.6	2
30	Scale Equivariant Alternative for Fuzzy M-Estimators of Location. Studies in Systems, Decision and Control, 2018, , 733-743.	1.0	2
31	Empirical Comparison of the Performance of Location Estimates of Fuzzy Number-Valued Data. Advances in Intelligent Systems and Computing, 2019, , 191-199.	0.6	2
32	Descriptive Comparison of the Rating Scales Through Different Scale Estimates: Simulation-Based Analysis. Advances in Intelligent Systems and Computing, 2019, , 9-16.	0.6	1