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Validating fuzzy partitions obtained through c-shells clustering

DOI: 10.1016/0167-8655(96)00026-8
Pattern Recognition Letters, 1996, 17, 613-623.

Source: <https://exaly.com/paper-pdf/27226675/citation-report.pdf>

Version: 2024-04-28

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195	On Clustering Validation Techniques. 2001 , 17, 107-145		1444
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190	Extended fuzzy c-means and genetic algorithms to optimize power flow management in hybrid electric vehicles.		5
189	Clustering of the self-organizing map using a clustering validity index based on inter-cluster and intra-cluster density. 2004 , 37, 175-188		104
188	Validating clusters using the Hopkins statistic.		40
187	An Agent based Power Flow Control for Hybrid Electric Vehicles. 2004 , 37, 481-488		

186	Quality Assessment Approaches in Data Mining. 2005 , 661-696		6
185	A cluster validity index for fuzzy clustering. <i>Pattern Recognition Letters</i> , 2005 , 26, 1275-1291	4-7	267
184	A novel fuzzy clustering algorithm based on a fuzzy scatter matrix with optimality tests. <i>Pattern Recognition Letters</i> , 2005 , 26, 639-652	4-7	45
183	Optimality test for generalized FCM and its application to parameter selection. 2005 , 13, 164-176		84
182	Novel feature extraction technique for fuzzy relational clustering of a flexible dopamine reuptake inhibitor. 2005 , 45, 610-23		7
181	A New Cluster Validity Index for Fuzzy Clustering based on Combination of Dual Triples. 2006 ,		5
180	Using Gaussians Functions to Determine Representative Clustering Prototypes.		6
179	An overlapping cluster algorithm to provide non-exhaustive clustering. 2006 , 173, 762-780		27
178	Density Based Cluster Validity Measurement for Fuzzy Clustering. 2006 ,		
177	Blockwise similarity in [0,1] via triangular norms and Sugeno integrals - Application to cluster validity. 2007 ,		3
176	Optimizing Parameters of Fuzzy c-Means Clustering Algorithm. 2007 ,		2
175	Feature extraction using molecular planes for fuzzy relational clustering of a flexible dopamine reuptake inhibitor. 2007 , 47, 2216-27		4
174	On Cluster Validity Indexes in Fuzzy and Hard Clustering Algorithms for Image Segmentation. 2007 ,		13
173	On fuzzy cluster validity indices. 2007 , 158, 2095-2117		353
172	Validation criteria for enhanced fuzzy clustering. <i>Pattern Recognition Letters</i> , 2008 , 29, 97-108	4-7	28
171	A density-based cluster validity approach using multi-representatives. <i>Pattern Recognition Letters</i> , 2008 , 29, 773-786	4-7	60
170	Fault diagnosis of rotating machinery based on a new hybrid clustering algorithm. 2008 , 35, 968-977		28
169	Fuzzy clustering validity for spatial data. 2008 , 11, 191-196		12

168	Mining typical patterns from databases. 2008 , 178, 3683-3696	6
167	ECM: An evidential version of the fuzzy c-means algorithm. 2008 , 41, 1384-1397	241
166	Fuzzy cluster validity index based on object proximities defined over fuzzy partition matrices. 2008 ,	1
165	Another method of relational fuzzy clustering. 2008 ,	
164	An analysis of robustness of partition coefficient index. 2008 ,	2
163	CLUSTERING QUALITY MEASURES BASED ON COMPARING THE PROXIMITY MATRICES FOR THE MEMBERSHIP VECTORS AND THE OBJECTS. 2008 , 22, 1513-1538	2
162	Extended fuzzy C-means clustering algorithm for hotspot events in spatial analysis. 2008 , 5, 31-44	9
161	On fuzzy cluster validity indices for the objects of mixed features. 2009 ,	2
160	Improvement of the fuzzy C-Means clustering algorithm with adaptive learning of the dissimilarities among categorical feature values. 2009 ,	0
159	. 2009 ,	1
158	Fuzzy Relational Fixed Point Clustering. 2009 , 2, 69-82	3
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156	Robust cluster validity indexes. 2009 , 42, 2541-2550	32
155	Fuzzy clustering for seafloor classification. 2009 , 264, 230-241	46
154	A method of relational fuzzy clustering based on producing feature vectors using FastMap. 2009 , 179, 3561-3582	17
153	A fuzzy modeling approach to cluster validity. 2009 ,	1
152	A stability based validity method for fuzzy clustering. 2010 , 43, 1292-1305	27
151	Adaptive learning of ordinal-numerical mappings through fuzzy clustering for the objects of mixed features. 2010 , 161, 564-577	6

150	A segmentation method for images compressed by fuzzy transforms. 2010 , 161, 56-74	46
149	An information-theoretic fuzzy C-spherical shells clustering algorithm. 2010 , 161, 1755-1773	8
148	Structurally Stable Output Regulation Problem With Sampled-Output Measurements Using Fuzzy Immersions. 2010 , 18, 1170-1177	3
147	A simple and fast method to determine the parameters for fuzzy c-means cluster analysis. 2010 , 26, 2841-8	130
146	Automatic Detection of Structure Parameters of Yarn-dyed Fabric. 2010 , 80, 1819-1832	30
145	Relational Generalizations of Cluster Validity Indices. 2010 , 18, 771-786	37
144	Relational Duals of Cluster-Validity Functions for the \mathcal{C} -Means Family. 2010 , 18, 1160-1170	5
143	A Dynamic Weighted Sum Validity Function for Fuzzy Clustering with an Adaptive Differential Evolution Algorithm. 2010 ,	2
142	Determination of representative load curve based on Fuzzy K-Means. 2010 ,	3
141	Computational Collective Intelligence. Technologies and Applications. 2011 ,	2
140	A Robust Automatic Merging Possibilistic Clustering Method. 2011 , 19, 26-41	55
139	A validity index approach for network partitions. 2011 , 390, 3579-3591	0
138	Determining the most proper number of cluster in fuzzy clustering by using artificial neural networks. 2011 , 38, 2248-2252	25
137	Application of fuzzy-based pattern recognition techniques for cluster finding in a preshower detector in high energy heavy ion experiments. 2011 , 626-627, 105-113	3
136	A robust cluster validity index for fuzzy c-means clustering. 2011 ,	
135	Fuzzy clustering of large satellite images using high performance computing. 2011 ,	4
134	Learning in Non-Stationary Environments. 2012 ,	73
133	Preparation of Complex Landslide Simulation Results with Clustering Approaches for Decision Support and Early Warning. 2012 ,	2

132	Real Time Operation of Smart Grids via FCN Networks and Optimal Power Flow. 2012 , 8, 944-952	163
131	Incremental Spectral Clustering. 2012 , 77-99	3
130	An interval fuzzy model for magnetic monitoring: estimation of a pollution index. 2012 , 66, 1477-1485	13
129	Evidential evolving GustafsonKessel algorithm for online data streams partitioning using belief function theory. 2012 , 53, 747-768	27
128	Determining the number of clusters for kernelized fuzzy C-means algorithms for automatic medical image segmentation. 2012 , 13, 39-58	31
127	Dynamic fuzzy c-means (dFCM) clustering and its application to calorimetric data reconstruction in high-energy physics. 2012 , 681, 34-43	11
126	A novel Fuzzy C Means algorithm based on distance modification for image segmentation. 2013 ,	
125	Fuzzy and hard clustering analysis for thyroid disease. 2013 , 111, 1-16	50
124	Comparative Analysis of Cluster Validity Indices in Identifying Some Possible Genes Mediating Certain Cancers. 2013 , 32, 347-54	4
123	A New Fuzzy Clustering Validity Index Based on Fuzzy Proximity Matrices. 2013 ,	1
122	A New Cluster Validity Index for Fuzzy Clustering. 2013 , 46, 325-330	8
121	Fuzzy clustering using automatic particle swarm optimization. 2014 ,	4
120	Particle Swarm Optimization Based Fuzzy Clustering Approach to Identify Optimal Number of Clusters. 2014 , 4, 43-56	24
119	Opportunistic channel allocation decision making in cognitive radio communications. 2014 , 27, 216-232	12
118	A novel cluster validity index for fuzzy clustering based on bipartite modularity. 2014 , 253, 122-137	31
117	A double-fuzzy diagnostic methodology dedicated to online fault diagnosis of proton exchange membrane fuel cell stacks. 2014 , 271, 570-581	66
116	Insights into magmatic processes and hydrothermal alteration of in situ superfast spreading ocean crust at ODP/IODP site 1256 from a cluster analysis of rock magnetic properties. 2014 , 15, 3430-3447	10
115	Robust validity index for a modified subtractive clustering algorithm. 2014 , 22, 47-59	26

114	Fuzzy Change-Point Algorithms for Regression Models. 2015 , 23, 2343-2357	22
113	Fuzzy clustering of distribution-valued data using an adaptive L2 Wasserstein distance. 2015 ,	2
112	A new perspective of modified partition coefficient. <i>Pattern Recognition Letters</i> , 2015 , 56, 1-6	4-7 5
111	Using an unsupervised approach of Probabilistic Neural Network (PNN) for land use classification from multitemporal satellite images. 2015 , 30, 1-13	35
110	An Interval-Based Framework for Fuzzy Clustering Applications. 2015 , 23, 2174-2187	14
109	Remote sensing of physical cycles in Lake Superior using a spatio-temporal analysis of optical water typologies. 2015 , 171, 149-161	17
108	Identification of certain cancer-mediating genes using Gaussian fuzzy cluster validity index. 2015 , 40, 741-54	5
107	Performance Evaluation of Cluster Validity Indices (CVIs) on Multi/Hyperspectral Remote Sensing Datasets. 2016 , 8, 295	21
106	Detecting change-points for shifts in mean and variance using fuzzy classification maximum likelihood change-point algorithms. 2016 , 308, 447-463	10
105	A novel validity index in fuzzy clustering algorithm. 2016 , 10, 183	5
104	Contextual Fuzzy-Based Decision Support System Through Opinion Analysis: A Case Study at University of the Salerno. 2016 , 15, 923-948	6
103	Estimation of optimal cluster number for fuzzy clustering with combined fuzzy entropy index. 2016 ,	8
102	Capturing heterogeneous group differences using mixture-of-experts: Application to a study of aging. 2016 , 125, 498-514	14
101	Clustering Algorithms: Their Application to Gene Expression Data. 2016 , 10, 237-253	68
100	Integrating bibliometrics and roadmapping: A case of strategic promotion for the ground source heat pump in China. 2016 , 57, 292-301	5
99	Power distribution network reconfiguration for power loss minimization using novel dynamic fuzzy c-means (dFCM) clustering based ANN approach. 2016 , 78, 96-107	43
98	Spatio-temporal pattern of detrital clay-mineral supply to a lake system on the north-eastern Tibetan Plateau, and its relationship to late Quaternary paleoenvironmental changes. 2016 , 137, 203-218	4
97	Feature-weighted clustering with inner product induced norm based dissimilarity measures: an optimization perspective. 2017 , 106, 951-992	4

96	Automatic pattern recognition of ECG signals using entropy-based adaptive dimensionality reduction and clustering. 2017 , 55, 238-252	42
95	Adaptive fault diagnosis of HVCBs based on P-SVDD and P-KFCM. 2017 , 240, 127-136	16
94	Fuzzy clustering of distributional data with automatic weighting of variable components. 2017 , 406-407, 248-268	10
93	Customer churn prediction using improved FCM algorithm. 2017 ,	2
92	Robust-learning fuzzy c-means clustering algorithm with unknown number of clusters. 2017 , 71, 45-59	76
91	A Novel Adaptive Fuzzy Local Information $\$C\$$ -Means Clustering Algorithm for Remotely Sensed Imagery Classification. 2017 , 55, 5057-5068	42
90	Fusion of expression values and protein interaction information using multi-objective optimization for improving gene clustering. 2017 , 89, 31-43	18
89	Measuring the congruence of fuzzy partitions in fuzzy c-means clustering. 2017 , 52, 1285-1295	14
88	Fuzzy clustering of multi-view relational data with pairwise constraints. 2017 ,	2
87	Validation of fuzzy and possibilistic clustering results. 2017 ,	2
86	Clustering algorithmBased fault diagnosis. 2017 , 175-229	3
85	Color Image Segmentation Using Fuzzy C-Regression Model. 2017 , 2017, 1-15	8
84	On LAMDA clustering method based on typicality degree and intuitionistic fuzzy sets. 2018 , 107, 196-221	17
83	An adaptive spatially constrained fuzzy c-means algorithm for multispectral remotely sensed imagery clustering. 2018 , 39, 2207-2237	9
82	Clustering of fuzzy data and simultaneous feature selection: A model selection approach. 2018 , 340, 1-37	6
81	On Monotonic Tendency of Some Fuzzy Cluster Validity Indices for High-Dimensional Data. 2018 ,	2
80	Clustering of fMRI data: the elusive optimal number of clusters. 2018 , 6, e5416	4
79	Analysis of Five Clustering Algorithms in Quantitative Method Research. 2018 ,	

78	Developing a PSO-Based Projection Algorithm for a Porosity Detection System Using X-Ray CT Images of Permeable Concrete. 2018 , 6, 64406-64415		6
77	Fast automatic estimation of the number of clusters from the minimum inter-center distance for k-means clustering. <i>Pattern Recognition Letters</i> , 2018 , 116, 72-79	4-7	12
76	Semi-supervised Fuzzy c-Means Variants: A Study on Noisy Label Supervision. 2018 , 51-62		1
75	Enhanced Spatially Constrained Remotely Sensed Imagery Classification Using a Fuzzy Local Double Neighborhood Information C-Means Clustering Algorithm. 2018 , 11, 2896-2910		13
74	Construction of a bank customer data warehouse and an application of data mining. 2018 ,		
73	Overlapping thematic structures extraction with mixed-membership stochastic blockmodel. 2018 , 117, 61-84		13
72	Heterogeneity of structural and functional imaging patterns of advanced brain aging revealed via machine learning methods. 2018 , 71, 41-50		38
71	A fuzzy c-means algorithm guided by attribute correlations and its application in the big data analysis of tunnel boring machine. 2019 , 182, 104859		21
70	Multi-Objective Optimized Fuzzy Clustering for Detecting Cell Clusters from Single-Cell Expression Profiles. 2019 , 10,		7
69	An expert weighting method based on affinity propagation clustering algorithm. 2019 , 1324, 012006		0
68	. 2019 ,		1
67	Improving Fuzzy C-Means Algorithm using Particle Swarm Optimization and Fuzzy C-Means++. 2019 ,		2
66	A Validity Index for Fuzzy Clustering Based on Bipartite Modularity. 2019 , 2019, 1-9		3
65	A new fuzzy c-means clustering-based time series segmentation approach and its application on tunnel boring machine analysis. 2019 , 133, 106279		20
64	Dealing With Noise and Partial Volume Effects in Alzheimer Disease Brain Tissue Classification by a Fuzzy-Possibilistic Modeling Based on Fuzzy-Genetic Initialization. 2019 , 7, 119-143		1
63	Diesel engine injection faults' detection and classification utilizing unsupervised fuzzy clustering techniques. 2019 , 233, 5622-5636		1
62	A Spark-Based Parallel Fuzzy c -Means Segmentation Algorithm for Agricultural Image Big Data. 2019 , 7, 42169-42180		24
61	The amazing bond among wine consumption, health and hedonistic well-being. 2019 , 122, 2707-2723		8

60	Fuzzy rule-based models with randomized development mechanisms. 2019 , 361, 71-87	7
59	Automatic detection of Moroccan coastal upwelling zones using sea surface temperature images. 2019 , 40, 2648-2666	1
58	Evaluating the numerical instability in fuzzy clustering validation of high-dimensional data. 2020 , 805, 19-36	2
57	A Fast Algorithm to Initialize Cluster Centroids in Fuzzy Clustering Applications. 2020 , 11, 446	0
56	Segmentation of MRI data using multi-objective antlion based improved fuzzy c-means. 2020 , 40, 1250-1266	6
55	Efficiency of Cluster Validity Indexes in Fuzzy Clusterwise Generalized Structured Component Analysis. 2020 , 12, 1514	2
54	An Introduction to Clustering with R. 2020 ,	5
53	Adjustment Oriented Electricity Tariff Recommendation Based on Typical Customers. 2020 ,	
52	A Fast Method for Estimating the Number of Clusters Based on Score and the Minimum Distance of the Center Point. 2020 , 11, 16	2
51	A novel Collaborative Filtering recommendation approach based on Soft Co-Clustering. 2021 , 561, 125140	9
50	Estimating software development effort using fuzzy clustering-based analogy. 2021 , 33, e2324	2
49	A new robust fuzzy clustering validity index for imbalanced data sets. 2021 , 547, 579-591	9
48	Pythagorean Fuzzy c-means Clustering Algorithm. 2021 , 118-130	0
47	Two-Class Fuzzy Clustering Ensemble Approach Based on a Constraint on Fuzzy Memberships. 2021 , 139-153	
46	Multiple Subtypes of Alzheimer's Disease Base on Brain Atrophy Pattern. 2021 , 11,	8
45	Protected area, easement, and rental contract data reveal five communities of land protection in the United States. 2021 , 31, e02322	0
44	Generation of overlapping clusters constructing suitable graph for crime report analysis. 2021 , 118, 339-357	1
43	Correlation Based Cluster Validity Index for Recognition of Leukemia Mediating Biomarkers. 2022 , 65-74	1

42	Droughts across China: Drought factors, prediction and impacts. 2022 , 803, 150018	7
41	Dealing With Noise and Partial Volume Effects in Alzheimer Disease Brain Tissue Classification by a Fuzzy-Possibilistic Modeling Based on Fuzzy-Genetic Initialization. 2021 , 267-294	
40	On Fuzzy Cluster Validity Indexes for High Dimensional Feature Space. 2018 , 12-23	2
39	Gaussian Fuzzy Index (GFI) for Cluster Validation: Identification of High Quality Biologically Enriched Clusters of Genes and Selection of Some Possible Genes Mediating Lung Cancer. 2013 , 680-687	1
38	New Trends in Fuzzy Clustering. 2013 , 248-288	1
37	Construction of EBRB classifier for imbalanced data based on Fuzzy C-Means clustering. 2021 , 234, 107590	3
36	Quality Assessment in Data Mining. 2003 , 73-127	
35	Energy Management for Hybrid Electric Vehicles based on Fuzzy Clustering and Genetic Algorithms. 2003 , 260-266	0
34	Clustering Spherical Shells by a Mini-Max Information Algorithm. 2006 , 224-233	0
33	A Family of Cluster Validity Indexes Based on a l-Order Fuzzy OR Operator. 2008 , 612-621	1
32	Quality Assessment Approaches in Data Mining. 2009 , 613-639	1
31	A Validity Criterion for Fuzzy Clustering. 2011 , 113-122	3
30	A Validity Criterion for Fuzzy Clustering. 2014 , 132-151	
29	Bulanlık Kışın Analizinde Parametre Seçiminin Etkisi. 2018 , 2, 22-33	0
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27	Using fuzzy clustering to address imprecision and uncertainty present in deterministic components of time series. 2021 , 113, 108011	0
26	Degree of Global Covering and Global Overlapping in Solvency Fuzzy Classification. 2021 , 21-32	
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24	Fuzzy Clustering. 2020 , 125-211	
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21	A Multi-Objective Optimization-based Clustering Approach for COVID-19 Scholarly Articles. 2021 ,	0
20	Two Effective Heuristic Methods of Determining the Numbers of Fuzzy Clustering Centers Based on Bilevel Programming.	
19	On efficient model selection for sparse hard and fuzzy center-based clustering algorithms. 2022 , 590, 29-44	0
18	SAR Image Segmentation by Efficient Fuzzy C-Means Framework with Adaptive Generalized Likelihood Ratio Nonlocal Spatial Information Embedded. 2022 , 14, 1621	3
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16	Optimal Number of Classes in Fuzzy Partitions. 2022 , 129-141	
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14	Dynamic customer segmentation: a case study using the modified dynamic fuzzy c-means clustering algorithm.	0
13	Multi-View Clustering for Open Knowledge Base Canonicalization. 2022 ,	
12	EGMM: An evidential version of the Gaussian mixture model for clustering. 2022 , 129, 109619	1
11	Citizen Privacy Profile Framework. 2022 , 21-69	0
10	Two novel outlier detection approaches based on unsupervised possibilistic and fuzzy clustering. 8, e1060	0
9	Two effective heuristic methods of determining the numbers of fuzzy clustering centers based on bilevel programming. 2023 , 132, 109718	0
8	Automatic recognition of density and weave pattern of yarn-dyed fabric. 2022 ,	0
7	Deployment of Renewable Energy Sources: Empirical Evidence in Identifying Clusters with Dynamic Time Warping.	0

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- 2 Application of fuzzy C-means clustering and fuzzy EDAS to assess groundwater irrigation suitability and prioritization for agricultural development in a complex hydrogeological basin. ○
- 1 Graph based fuzzy clustering algorithm for crime report labelling. **2023**, 141, 110261 ○