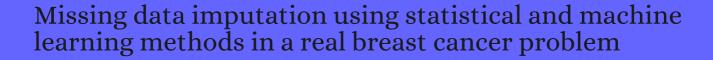
CITATION REPORT List of articles citing



DOI: 10.1016/j.artmed.2010.05.002 Artificial Intelligence in Medicine, 2010, 50, 105-15.

Source: https://exaly.com/paper-pdf/48057309/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
313	Towards better accuracy for missing value estimation of epistatic miniarray profiling data by a novel ensemble approach. 2011 , 97, 257-64		29
312	Multicentre study design in survival analysis. 2012,		
311	Clinical coding support based on structured data stored in electronic health records. 2012 ,		1
310	Application of growing hierarchical SOM for visualisation of network forensics traffic data. 2012 , 32, 275-84		24
309	A hybrid particle swarm optimization based fuzzy expert system for the diagnosis of coronary artery disease. 2012 , 39, 11657-11665		103
308	WIMP: web server tool for missing data imputation. 2012 , 108, 1247-54		2
307	Towards developing 3rd Generation Intelligent Synthetic Composite Indicators. 2012,		
306	A classifier ensemble approach for the missing feature problem. <i>Artificial Intelligence in Medicine</i> , 2012 , 55, 37-50	7.4	32
305	Robust LS-SVM regression for ore grade estimation in a seafloor hydrothermal sulphide deposit. 2013 , 32, 16-25		5
304	Robust Bayesian Classification with Incomplete Data. 2013 , 5, 170-187		8
303	Applied Predictive Modeling. 2013,		1635
302	Classifying patterns with missing values using Multi-Task Learning perceptrons. 2013 , 40, 1333-1341		36
301	Locally linear reconstruction based missing value imputation for supervised learning. 2013, 118, 65-78		33
300	Missing data in medical databases: impute, delete or classify?. <i>Artificial Intelligence in Medicine</i> , 2013 , 58, 63-72	7.4	76
299	A Short Tour of the Predictive Modeling Process. 2013 , 19-26		9
298	Data Pre-processing. 2013 , 27-59		16
297	Linear Regression and Its Cousins. 2013 , 101-139		1

(2015-2013)

296	Remedies for Severe Class Imbalance. 2013 , 419-443	11
295	An Introduction to Feature Selection. 2013 , 487-519	21
294	Factors That Can Affect Model Performance. 2013 , 521-546	3
293	Machine Learning-Based Missing Value Imputation Method for Clinical Datasets. 2013 , 245-257	22
292	An algorithmic approach to missing data problem in modeling human aspects in software development. 2013 ,	6
291	Faulty and Missing Body Sensor Data Analysis. 2013 ,	O
2 90	Evaluating the performance of regression algorithms on datasets with missing data. 2013, 8, 105	1
289	Application of machine learning algorithms for clinical predictive modeling: a data-mining approach in SCT. 2014 , 49, 332-7	62
288	Septic Shock Prediction for Patients with Missing Data. 2014 , 5, 1-15	19
287	A GS-MPSO-WKNN method for missing data imputation in wireless sensor networks monitoring manufacturing conditions. 2014 , 36, 1083-1092	6
286	. 2014,	10
285	Missing value imputation in high-dimensional phenomic data: imputable or not, and how?. 2014 , 15, 346	60
284	Examination of Reliability of Missing Value Recovery in Data Mining. 2014,	5
283	A biological continuum based approach for efficient clinical classification. 2014 , 47, 28-38	6
282	Enhancement of artificial neural network learning using centripetal accelerated particle swarm optimization for medical diseases diagnosis. 2014 , 18, 2253-2270	43
281	Bayesian neural network approach for determining the risk of re-intervention after endovascular aortic aneurysm repair. 2014 , 228, 857-66	15
280	Iterative KNN imputation based on GRA for missing values in TPLMS. 2015,	11
279	Machine Learning Data Imputation and Classification in a Multicohort Hypertension Clinical Study. 2015 , 9, 43-54	10

278	Towards a Hybrid Imputation Approach Using Web Tables. 2015 ,	14
277	UFCORIN: A fully automated predictor of solar flares in GOES X-ray flux. 2015 , 13, 778-796	24
276	Missing data imputation by K nearest neighbours based on grey relational structure and mutual information. 2015 , 43, 614-632	58
275	Imputation of Missing Data for Diagnosing Sensor Faults in a Wind Turbine. 2015,	4
274	Automatic classification of respiratory patterns involving missing data imputation techniques. 2015 , 138, 65-76	15
273	Missing data imputation on the 5-year survival prediction of breast cancer patients with unknown discrete values. 2015 , 59, 125-133	88
272	Visual grids for managing data completeness in clinical research datasets. 2015 , 54, 337-44	2
271	The effect of sample age and prediction resolution on myocardial infarction risk prediction. 2015 , 19, 1178-85	9
270	A Universal Storage Architecture for Heterogeneous Data of Internet of Things. 2015 , 713-715, 2423-2426	
269	A new cluster-based oversampling method for improving survival prediction of hepatocellular carcinoma patients. 2015 , 58, 49-59	89
268	The application of formative e-assessment data in final exam results modeling using neural networks. 2015 ,	4
267	Preprocessing structured clinical data for predictive modeling and decision support. A roadmap to tackle the challenges. 2016 , 7, 1135-1153	9
266	Innovative Strategies to Develop Chemical Categories Using a Combination of Structural and Toxicological Properties. 2016 , 7, 321	5
265	sNebula, a network-based algorithm to predict binding between human leukocyte antigens and peptides. 2016 , 6, 32115	15
264	An embedded imputation method via Attribute-based Decision Graphs. 2016 , 57, 159-177	12
263	Machine learning, statistical learning and the future of biological research in psychiatry. 2016 , 46, 2455-65	155
262	kNN ensembles with penalized DTW for multivariate time series imputation. 2016 ,	17
261	Mapping the fine-scale spatial pattern of housing rent in the metropolitan area by using online rental listings and ensemble learning. 2016 , 75, 200-212	35

260 A Weighted kNN approach to estimate missing values. 2016,

259	Ensemble statistical and subspace clustering model for analysis of autism spectrum disorder phenotypes. 2016 , 2016, 3329-3333	7
258	Role of Soft Computing Approaches in HealthCare Domain: A Mini Review. 2016 , 40, 287	36
257	Analysis of incomplete and inconsistent clinical survey data. 2016 , 46, 731-750	2
256	Review of soft sensor methods for regression applications. 2016 , 152, 69-79	135
255	Data Improving in Time Series Using ARX and ANN Models. 2017 , 32, 3352-3359	35
254	Making it Formally Explicit. 2017 ,	1
253	Four Approaches to the Reference Class Problem. 2017 , 61-81	6
252	Predictors of surgical site infection after open lower extremity revascularization. 2017 , 65, 1769-1778.e3	33
251	Strategies for handling missing clinical data for automated surgical site infection detection from the electronic health record. 2017 , 68, 112-120	35
250	Imputing missing values in unevenly spaced clinical time series data to build an effective temporal classification framework. 2017 , 112, 63-79	11
249	Fuzzy inductive reasoning forecasting strategies able to cope with missing data: A smart grid application. 2017 , 51, 225-238	17
248	Machine learning and its applications: A review. 2017 ,	53
247	Application of a novel hybrid method for spatiotemporal data imputation: A case study of the Minqin County groundwater level. 2017 , 553, 384-397	12
246	Novel iterative approach using generative and discriminative models for classification with missing features. 2017 , 225, 23-30	8
245	Deep learning-bat high-dimensional missing data estimator. 2017 ,	3
244	Context Similarity for Retrieval-Based Imputation. 2017,	1
243	Optical Cloud Pixel Recovery via Machine Learning. 2017 , 9, 527	16

242	Integrating WLI fuzzy clustering with grey neural network for missing data imputation. 2017, 4, 103	2
241	Information-decomposition-model-based missing value estimation for not missing at random dataset. 2018 , 9, 85-95	7
240	Incomplete data management: a survey. 2018 , 12, 4-25	20
239	Embedding for Informative Missingness: Deep Learning With Incomplete Data. 2018,	2
238	Substituting Missing Values in End-to-End Internet Performance Measurements Using k-Nearest Neighbors. 2018 ,	2
237	Missing Value Imputation Using ANN Optimized by Genetic Algorithm. 2018 , 5, 41-57	2
236	. 2018 , 6, 46419-46494	31
235	Query Processing over Incomplete Databases. 2018 , 10, 1-122	3
234	A Predictive Method to Determine Incomplete Electronic Medical Records. 2018,	Ο
233	A systematic map of medical data preprocessing in knowledge discovery. 2018 , 162, 69-85	19
232	Imputations of missing values using a tracking-removed autoencoder trained with incomplete data. 2019 , 366, 54-65	20
231	The Missing Pieces of Artificial Intelligence in Medicine. 2019 , 40, 555-564	26
230	Mortality Prediction of Septic Patients in the Emergency Department Based on Machine Learning. 2019 , 8,	27
229	A hybrid machine learning approach to cerebral stroke prediction based on imbalanced medical dataset. <i>Artificial Intelligence in Medicine</i> , 2019 , 101, 101723	34
228	Imputation techniques on missing values in breast cancer treatment and fertility data. 2019 , 7, 19	8
227	Compressed NN: K-Nearest Neighbors with Data Compression. 2019 , 21,	16
226	Likelihood-based Multiple Imputation by Event Chain Methodology for Repair of Imperfect Event Logs with Missing Data. 2019 ,	4
225	Application of machine learning to predict the multiaxial strain-sensing response of CNT-polymer composites. 2019 , 146, 265-275	37

(2019-2019)

224	Impact of missing data on bias and precision when estimating change in patient-reported outcomes from a clinical registry. 2019 , 17, 106	31
223	Chronic Disease Prediction Using Character-Recurrent Neural Network in The Presence of Missing Information. 2019 , 9, 2170	7
222	Novel Data Imputation for Multiple Types of Missing Data in Intensive Care Units. 2019 , 23, 1243-1250	11
221	Exploratory Analysis for Big Social Data Using Deep Network. 2019 , 7, 21446-21453	1
220	Analysis and Impact Evaluation of Missing Data Imputation in Day-ahead PV Generation Forecasting. 2019 , 9, 204	32
219	A novel purity-based k nearest neighbors imputation method and its application in financial distress prediction. 2019 , 81, 283-299	29
218	Breast Cancer Classification with Missing Data Imputation. 2019 , 13-23	4
217	A new approach for processing climate missing databases applied to daily rainfall data in Soummam watershed, Algeria. 2019 , 5, e01247	18
216	Orthodontic Treatment Planning based on Artificial Neural Networks. 2019, 9, 2037	22
215	A Comparison of Strategies for Missing Values in Data on Machine Learning Classification Algorithms. 2019 ,	3
214	A Novel Algorithm for Missing Data Imputation on Machine Learning. 2019,	5
213	Completing right-censored data in time-series modelling. 2019,	
212	MICE vs PPCA: Missing data imputation in healthcare. 2019 , 17, 100275	20
211	Missing Data Estimation Using Ant-Lion Optimizer Algorithm. 2019 , 103-114	4
210	Missing Data Estimation Using Ant Colony Optimization Algorithm. 2019 , 91-102	
209	Data preprocessing in predictive data mining. 2019 , 34,	24
208	A hierarchical memory network-based approach to uncertain streaming data. 2019 , 165, 1-12	8
207	A hybrid Bayesian network and tensor factorization approach for missing value imputation to improve breast cancer recurrence prediction. 2019 , 31, 175-184	10

206	Missing value imputation for breast cancer diagnosis data using tensor factorization improved by enhanced reduced adaptive particle swarm optimization. 2019 , 31, 287-294	9
205	Dynamic linear models to predict bike availability in a bike sharing system. 2020 , 14, 232-242	12
204	Missing value imputation: a review and analysis of the literature (2006\(\mathbb{Q}\)017). 2020 , 53, 1487-1509	111
203	Subgrouping Factors Influencing Migraine Intensity in Women: A Semi-automatic Methodology Based on Machine Learning and Information Geometry. 2020 , 20, 297-309	5
202	eDTWBI: Effective Imputation Method for Univariate Time Series. 2020 , 121-132	1
201	Deep Neural Network Algorithm Feedback Model with Behavioral Intelligence and Forecast Accuracy. 2020 , 12, 1465	2
200	Imputing missing indoor air quality data via variational convolutional autoencoders: Implications for ventilation management of subway metro systems. 2020 , 182, 107135	14
199	Using machine learning of clinical data to diagnose COVID-19: a systematic review and meta-analysis. 2020 , 20, 247	51
198	Sequel movie revenue prediction model based on sentiment analysis. 2020 , 54, 665-683	0
197	Clinical applications of machine learning in the diagnosis, classification, and prediction of heart failure. 2020 , 229, 1-17	20
196	Classification, Categorization, and Algorithms for Articular Cartilage Defects. 2020 , 33, 1069-1077	
195	A Deep Learning Approach for Missing Data Imputation of Rating Scales Assessing Attention-Deficit Hyperactivity Disorder. 2020 , 11, 673	8
194	Predicting Postoperative Length of Stay for Isolated Coronary Artery Bypass Graft Patients Using Machine Learning. 2020 , 13, 751-762	1
193	On Designing a Machine Learning Based Wireless Link Quality Classifier. 2020 ,	1
192	Machine Learning for Univariate Time Series Imputation. 2020,	1
191	Imputation of Missing Data in Electronic Health Records Based on Patients' Similarities 2020 , 4, 295-307	3
190	Data Imputation in Wireless Sensor Networks Using a Machine Learning-Based Virtual Sensor. 2020 , 9, 25	5
189	Connecting concrete technology and machine learning: proposal for application of ANNs and CNT/concrete composites in structural health monitoring 2020 , 10, 23038-23048	9

(2021-2020)

188	Takagi-Sugeno Modeling of Incomplete Data for Missing Value Imputation With the Use of Alternate Learning. 2020 , 8, 83633-83644	7
187	A catalogue of UK household datasets to monitor transitions to sustainable diets. 2020 , 24, 100344	2
186	Modern Soft-Sensing Modeling Methods for Fermentation Processes. 2020 , 20,	23
185	Energetic Map Data Imputation: A Machine Learning Approach. 2020 , 13, 982	3
184	An Introduction to Machine Learning. 2020 , 107, 871-885	51
183	Data preprocessing for heart disease classification: A systematic literature review. 2020 , 195, 105635	14
182	Development of AOP relevant to microplastics based on toxicity mechanisms of chemical additives using ToxCastand deep learning models combined approach. 2020 , 137, 105557	30
181	Overcoming Data Scarcity in Earth Science. 2020 , 5, 5	4
180	Approaches for missing covariate data in logistic regression with MNAR sensitivity analyses. 2020 , 62, 1025-1037	3
179	Framework for improving outcome prediction for acute to chronic low back pain transitions. 2020 , 5, e809	10
179 178		3
	5, e809 A placebo prognostic index (PI) as a moderator of outcomes in the treatment of adolescent depression: Could it inform risk-stratification in treatment with cognitive-behavioral therapy,	
178	5, e809 A placebo prognostic index (PI) as a moderator of outcomes in the treatment of adolescent depression: Could it inform risk-stratification in treatment with cognitive-behavioral therapy, fluoxetine, or their combination?. 2021, 31, 5-18 Clustering based imputation algorithm using unsupervised neural network for enhancing the	3
178	5, e809 A placebo prognostic index (PI) as a moderator of outcomes in the treatment of adolescent depression: Could it inform risk-stratification in treatment with cognitive-behavioral therapy, fluoxetine, or their combination?. 2021, 31, 5-18 Clustering based imputation algorithm using unsupervised neural network for enhancing the quality of healthcare data. 2021, 12, 1771-1781	3 7
178 177 176	A placebo prognostic index (PI) as a moderator of outcomes in the treatment of adolescent depression: Could it inform risk-stratification in treatment with cognitive-behavioral therapy, fluoxetine, or their combination?. 2021, 31, 5-18 Clustering based imputation algorithm using unsupervised neural network for enhancing the quality of healthcare data. 2021, 12, 1771-1781 A Fast and Effective Multiple Kernel Clustering Method on Incomplete Data. 2021, 67, 267-284 A Dynamic Latent Structure With Time-Varying Parameters for Virtual Sensing of Industrial Process	3 7 0
178 177 176	A placebo prognostic index (PI) as a moderator of outcomes in the treatment of adolescent depression: Could it inform risk-stratification in treatment with cognitive-behavioral therapy, fluoxetine, or their combination?. 2021, 31, 5-18 Clustering based imputation algorithm using unsupervised neural network for enhancing the quality of healthcare data. 2021, 12, 1771-1781 A Fast and Effective Multiple Kernel Clustering Method on Incomplete Data. 2021, 67, 267-284 A Dynamic Latent Structure With Time-Varying Parameters for Virtual Sensing of Industrial Process With Irregular Missing Data. 2021, 9, 77017-77027	3 7 0
178 177 176 175	A placebo prognostic index (PI) as a moderator of outcomes in the treatment of adolescent depression: Could it inform risk-stratification in treatment with cognitive-behavioral therapy, fluoxetine, or their combination?. 2021, 31, 5-18 Clustering based imputation algorithm using unsupervised neural network for enhancing the quality of healthcare data. 2021, 12, 1771-1781 A Fast and Effective Multiple Kernel Clustering Method on Incomplete Data. 2021, 67, 267-284 A Dynamic Latent Structure With Time-Varying Parameters for Virtual Sensing of Industrial Process With Irregular Missing Data. 2021, 9, 77017-77027 Missing Value Imputation Using ANN Optimized by Genetic Algorithm. 2021, 35-49	3 7 0

170	Ascertaining Design Requirements for Postoperative Care Transition Interventions. 2021, 12, 107-115	3
169	Enhancing the Human Health Status Prediction: the ATHLOS Project.	O
168	A Machine Learning-Aided Framework to Predict Outcomes of Anti-PD-1 Therapy for Patients With Gynecological Cancer on Incomplete Post-Marketing Surveillance Dataset. 2021 , 9, 120464-120480	1
167	Analysis of bosom malignancy using supervised machine learning classifier. 2021,	
166	Co-active neuro-fuzzy inference system model as single imputation approach for non-monotone pattern of missing data. 2021 , 33, 8981-9004	3
165	Review paper on research direction towards cancer prediction and prognosis using machine learning and deep learning models. 1	3
164	Machine Learning-based Prediction Model for Treatment of Acromegaly With First-generation Somatostatin Receptor Ligands. 2021 , 106, 2047-2056	7
163	ILA4: Overcoming missing values in machine learning datasets [An inductive learning approach. 2021 ,	2
162	Evaluating Methods for Imputing Missing Data from Longitudinal Monitoring of Athlete Workload. 2021 , 20, 188-196	3
161	Prediction of Breast Cancer Survival by Machine Learning Methods: An Application of Multiple Imputation. 2021 , 50, 598-605	O
160	Explainable machine learning can outperform Cox regression predictions and provide insights in breast cancer survival. 2021 , 11, 6968	21
159	A systematic review of machine learning-based missing value imputation techniques. 2021 , 55, 558-585	5
158	Attribute-Associated Neuron Modeling and Missing Value Imputation for Incomplete Data. 2021 , 2021, 1-11	1
157	Modulo 9 model-based learning for missing data imputation. 2021 , 103, 107167	6
156	Fault Classification by Intelligent Systems to Ensure Electromagnetic Compatibility of Vehicles. 2021 ,	
155	IDMPF: intelligent diabetes mellitus prediction framework using machine learning. 2021, ahead-of-print,	O
154	A novel clustering-based purity and distance imputation for handling medical data with missing values. 2021 , 25, 11781-11801	1
153	Efficient Methods to Improve the Performance of Supervised Learning Models. 2021,	

(2021-2021)

152	A Review on Soft Sensors for Monitoring, Control, and Optimization of Industrial Processes. 2021 , 21, 12868-12881	72
151	A Comparative Study of Various Methods for Handling Missing Data in UNSODA. 2021 , 11, 727	2
150	Scientometric review of artificial intelligence for operations & maintenance of wind turbines: The past, present and future. 2021 , 144, 111051	12
149	Imputation for Repeated Bounded Outcome Data: Statistical and Machine-Learning Approaches. 2021 , 9, 2081	
148	Effect of missing data on short time series and their application in the characterization of surface temperature by detrended fluctuation analysis. 2021 , 153, 104794	2
147	Using Base-ml to Learn Classification of Common Vestibular Disorders on DizzyReg Registry Data. 2021 , 12, 681140	1
146	The Application of Machine Learning to Online Mindfulness Intervention Data: a Primer and Empirical Example in Compliance Assessment. 2021 , 12, 2519-2534	2
145	Handling Incomplete and Missing Data in Corrosion Pit Measurement Database Using Imputation Methods: Model Development Using Artificial Neural Network. 2021 , 12, 04021033	1
144	Detection of Hepatitis C Virus Progressed Patient Liver Condition Using Machine Learning. 2022, 71-80	
143	Improving Outcome Predictions for Patients Receiving Mechanical Circulatory Support by Optimizing Imputation of Missing Values. 2021 , 14, e007071	1
142	A Surgeon Guide to Machine Learning. 2021 , 2, e091	1
141	A machine learning approach for spatiotemporal imputation of MODIS chlorophyll-a. 2021 , 42, 7381-7404	1
140	Application of hybrid metaheuristic with perturbation-based K-nearest neighbors algorithm and densest imputation to collaborative filtering in recommender systems. 2021 , 575, 90-115	3
139	Machine learning-based imputation soft computing approach for large missing scale and non-reference data imputation. 2021 , 151, 111236	11
138	Handling missing data for construction waste management: machine learning based on aggregated waste generation behaviors. 2021 , 175, 105809	4
137	Machine Learning Meets Big Data: An Overview of Diagnostic and Prognostic Prediction for Cancer. 2021 , 309-321	
136	A Predictive Model for the Diagnostic and Therapeutic Yield of Colonoscopy Performed for Lower Gastrointestinal Bleeding. 2021 ,	О
135	ImputeRNN: Imputing Missing Values in Electronic Medical Records. 2021, 413-428	

134	Missing Data Estimation Using Bat Algorithm. 2019, 41-56	2
133	Missing Data Estimation Using Cuckoo Search Algorithm. 2019 , 57-71	1
132	Missing Data Estimation Using Invasive Weed Optimization Algorithm. 2019 , 115-128	1
131	Evaluation of Missing Data Imputation Methods for an Enhanced Distributed PV Generation Prediction. 2020 , 590-609	4
130	Estimating Conditional Density of Missing Values Using Deep Gaussian Mixture Model. 2020 , 220-231	2
129	KNN Regression as Geo-Imputation Method for Spatio-Temporal Wind Data. 2014 , 185-193	11
128	Missing Data Estimation in High-Dimensional Datasets: A Swarm Intelligence-Deep Neural Network Approach. 2016 , 259-270	14
127	Influence of Data Distribution in Missing Data Imputation. 2017 , 285-294	12
126	A Deep Learning-Cuckoo Search Method for Missing Data Estimation in High-Dimensional Datasets. 2017 , 561-572	5
125	A Normalized Mean Algorithm for Imputation of Missing Data Values in Medical Databases. 2020 , 773-781	1
125	A Normalized Mean Algorithm for Imputation of Missing Data Values in Medical Databases. 2020 , 773-781 Robust Bayesian Classification with Incomplete Data. 2013 , 5, 170	1
124	Robust Bayesian Classification with Incomplete Data. 2013 , 5, 170	1
124	Robust Bayesian Classification with Incomplete Data. 2013 , 5, 170 Predictive Modeling With Psychological Panel Data. 2018 , 226, 246-258 An ensemble based model for the adsorptive removal of amoxicillin by microwave-biochar of waste	3
124 123	Robust Bayesian Classification with Incomplete Data. 2013, 5, 170 Predictive Modeling With Psychological Panel Data. 2018, 226, 246-258 An ensemble based model for the adsorptive removal of amoxicillin by microwave-biochar of waste cotton seeds. 2020,	1 3 2
124 123 122	Robust Bayesian Classification with Incomplete Data. 2013, 5, 170 Predictive Modeling With Psychological Panel Data. 2018, 226, 246-258 An ensemble based model for the adsorptive removal of amoxicillin by microwave-biochar of waste cotton seeds. 2020, Classification of malignant and benign liver tumors using a radiomics approach. 2018, Transforming big data into computational models for personalized medicine and health care. 2016,	1 3 2 7
124 123 122 121	Robust Bayesian Classification with Incomplete Data. 2013, 5, 170 Predictive Modeling With Psychological Panel Data. 2018, 226, 246-258 An ensemble based model for the adsorptive removal of amoxicillin by microwave-biochar of waste cotton seeds. 2020, Classification of malignant and benign liver tumors using a radiomics approach. 2018, Transforming big data into computational models for personalized medicine and health care. 2016, 18, 339-343 On Granular Rough Computing: Handling Missing Values by Means of Homogeneous Granulation.	1 3 2 7

116	Perspectives on Data Integration in Human Complex Disease Analysis. 2015, 284-322	1
115	SelfTraining With Quantile Errors for Multivariate Missing Data Imputation for Regression Problems in Electronic Medical Records: Algorithm Development Study (Preprint).	
114	Artificial Intelligence Applications in Urology: Reporting Standards to Achieve Fluency for Urologists. 2022 , 49, 65-117	2
113	Melanoma Recognition by Fusing Convolutional Blocks and Dynamic Routing between Capsules. 2021 , 13,	1
112	Self-Training With Quantile Errors for Multivariate Missing Data Imputation for Regression Problems in Electronic Medical Records: Algorithm Development Study. 2021 , 7, e30824	1
111	Missing Value Imputation based on Locally Linear Reconstruction for Improving Classification Performance. 2012 , 38, 276-284	
110	Single Imputation Methods Applied to a Global Geothermal Database. 2018 , 183-194	О
109	A Comparison of Imputation Methods for Missing Risk Factor Data from Large Real-world Electronic Medical Records for Comparative Effectiveness Studies (Preprint).	
108	Deep Learning Framework Analysis. 2019 , 147-171	
107	Multi-modal Segmentation with Missing MR Sequences Using Pre-trained Fusion Networks. 2019 , 165-172	1
106	Performance Analysis of Missing Values Imputation Methods Using Machine Learning Techniques. 2019 , 738-750	O
105	Perspectives on Data Integration in Human Complex Disease Analysis. 2019 , 1826-1866	
104	Prediction of PM10 Concentration in South Korea Using Gradient Tree Boosting Models. 2019,	1
103	A Comprehensive Review on Cancer Detection and Prediction Using Computational Methods. 2020 , 629-640	1
102	Maximizing the Reusability of Public Gene Expression Data by Predicting Missing Metadata.	
101	Risk Prediction Analysis of Cardiovascular Disease Using Supervised Machine Learning Techniques. 2020 , 419-431	1
100	Using Machine Learning of Clinical Data to Diagnose COVID-19.	3
99	Missing Data Imputation Using Data Generated By GAN. 2020 ,	

98	Novelelectronic health records applied for prediction of pre-eclampsia: Machine-learning algorithms. 2021 , 26, 102-109	2
97	A survey on missing data in machine learning. 2021 , 8, 140	26
96	Comparing Statistical and Machine Learning Imputation Techniques in Breast Cancer Classification. 2020 , 61-76	
95	The missing data filling method of the industrial internet platform based on rules and lightGBM. 2020 , 53, 152-157	О
94	A Screening Method to Identify Potential Endocrine Disruptors Using Chemical Toxicity Big Data and a Deep Learning Model with a Focus on Cleaning and Laundry Products. 2021 , 47, 462-471	2
93	AI MSK clinical applications: cartilage and osteoarthritis. 2021 , 1	2
92	An Analytical Prediction of Breast Cancer Using Machine Learning. 2022, 185-202	1
91	A Framework for Analyzing the Impact of Missing Data in Predictive Models. 2020 ,	O
90	Maximizing the reusability of gene expression data by predicting missing metadata. 2020 , 16, e1007450	0
89	Missing Data Imputation for Real Time-series Data in a Steel Industry using Generative Adversarial Networks. 2021 ,	1
88	Missing value imputation affects the performance of machine learning: A review and analysis of the literature (2010\(\textbf{0}021 \)). 2021 , 100799	8
87	Predicting Dynamic Clinical Outcomes of the Chemotherapy for Canine Lymphoma Patients Using a Machine Learning Model 2021 , 8,	
86	Comparison the Performance of Classification Methods for Diagnosis of Heart Disease and Chronic Conditions. 2021 , 137-144	
85	Cooperative Clustering Missing Data Imputation. 2020,	1
84	Multiple Imputation by Generative Adversarial Networks for Classification with Incomplete Data. 2021 ,	
83	Imputation Method Based on Collaborative Filtering and Clustering for the Missing Data of the Squeeze Casting Process Parameters. 2022 , 11, 95	
82	Imputation by feature importance (IBFI): A methodology to envelop machine learning method for imputing missing patterns in time series data 2022 , 17, e0262131	4
81	GAGIN: generative adversarial guider imputation network for missing data. 1	O

80	Missing data imputation on biomedical data using deeply learned clustering and L2 regularized regression based on symmetric uncertainty <i>Artificial Intelligence in Medicine</i> , 2022 , 123, 102214	1
79	Computational Methods for the Analysis and Prediction of EGFR-mutated Lung Cancer Drug Resistance: Recent Advances in Drug Design, Challenges and Future Prospects 2022 , PP,	O
78	Towards using cough for respiratory disease diagnosis by leveraging Artificial Intelligence: A survey. 2022 , 29, 100832	1
77	Severity of low pre-pregnancy body mass index and perinatal outcomes: the Japan Environment and Children's Study 2022 , 22, 121	2
76	Evaluating Patient Safety Drivers using Decision Trees. 2022,	
75	Missing Value Imputation Method for Multiclass Matrix Data Based on Closed Itemset 2022 , 24,	O
74	Utility of machine learning in developing a predictive model for early-age-onset colorectal neoplasia using electronic health records 2022 , 17, e0265209	O
73	Virtual sensor-based imputed graph attention network for anomaly detection of equipment with incomplete data. 2022 , 63, 52-63	2
72	The impact of heterogeneous distance functions on missing data imputation and classification performance. 2022 , 111, 104791	
71	Machine learning in medical applications: A review of state-of-the-art methods 2022, 145, 105458	19
71 70	Machine learning in medical applications: A review of state-of-the-art methods 2022, 145, 105458 Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry 2022, 145, 105449	19
	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac	
70	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry 2022 , 145, 105449	1
70 69	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry 2022 , 145, 105449 Groundwater level prediction using machine learning models: A comprehensive review. 2022 , 489, 271-308	1
70 69 68	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry 2022, 145, 105449 Groundwater level prediction using machine learning models: A comprehensive review. 2022, 489, 271-308 Efficient and effective data imputation with influence functions. 2021, 15, 624-632 Prediction of ADHD diagnosis using brief, low-cost, clinical measures: a competitive model	1 12 0
7° 69 68	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry 2022, 145, 105449 Groundwater level prediction using machine learning models: A comprehensive review. 2022, 489, 271-308 Efficient and effective data imputation with influence functions. 2021, 15, 624-632 Prediction of ADHD diagnosis using brief, low-cost, clinical measures: a competitive model evaluation. A Hybrid Imputation Method for Multi-Pattern Missing Data: A Case Study on Type II Diabetes	1 12 0
7° 69 68 67 66	Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry 2022, 145, 105449 Groundwater level prediction using machine learning models: A comprehensive review. 2022, 489, 271-308 Efficient and effective data imputation with influence functions. 2021, 15, 624-632 Prediction of ADHD diagnosis using brief, low-cost, clinical measures: a competitive model evaluation. A Hybrid Imputation Method for Multi-Pattern Missing Data: A Case Study on Type II Diabetes Diagnosis. 2021, 10, 3167	1 12 0

62	Prospects and Pitfalls of Machine Learning in Nutritional Epidemiology 2022, 14,	O
61	DataSheet_1.pdf. 2020 ,	
60	DataSheet_2.xlsx. 2020 ,	
59	Imputing Longitudinal Growth Data in International Pediatric Studies: Does CDC Reference Suffice?. 2021 , 2021, 754-762	O
58	A Two-Stage Prediction Filling Method with Support Vector Technologies Optimized Competitively in Stages by Grey Wolf Optimizer and Particle Swarm Optimization for Missing Fasting Blood Glucose.	
57	Comparison Between Statistical Model and Machine Learning Methods for Predicting the Risk of Renal Function Decline Using Routine Clinical Data in Health Screening 2022 , 15, 817-826	O
56	Task reduction using regression-based missing data imputation in sparse mobile crowdsensing. 1	
55	Adaptive architecture based on agents for assessing a web application.	
54	Analysis of Spatiotemporal Data Imputation Methods for Traffic Flow Data in Urban Networks. 2022 , 11, 310	4
53	Data imputation in deep neural network to enhance breast cancer detection.	
53 52	Data imputation in deep neural network to enhance breast cancer detection. Data management for production quality deep learning models: Challenges and solutions. 2022, 111359	1
		1
52	Data management for production quality deep learning models: Challenges and solutions. 2022 , 111359	1
52 51	Data management for production quality deep learning models: Challenges and solutions. 2022, 111359 A Study on Missing Data Imputation Methods for Improving Hourly Solar Dataset. 2022, Disease classification for whole blood DNA methylation: meta-analysis, missing values imputation,	1
52 51 50	Data management for production quality deep learning models: Challenges and solutions. 2022, 111359 A Study on Missing Data Imputation Methods for Improving Hourly Solar Dataset. 2022, Disease classification for whole blood DNA methylation: meta-analysis, missing values imputation, and XAI. Artificial Intelligence and Machine Learning in Cancer Research: A Systematic and Thematic Analysis	
52 51 50 49	Data management for production quality deep learning models: Challenges and solutions. 2022, 111359 A Study on Missing Data Imputation Methods for Improving Hourly Solar Dataset. 2022, Disease classification for whole blood DNA methylation: meta-analysis, missing values imputation, and XAI. Artificial Intelligence and Machine Learning in Cancer Research: A Systematic and Thematic Analysis of the Top 100 Cited Articles Indexed in Scopus Database. 2022, 29, 107327482210959 Comparison of machine learning methods for clinical data imputation among a real-world lung	
52 51 50 49 48	Data management for production quality deep learning models: Challenges and solutions. 2022, 111359 A Study on Missing Data Imputation Methods for Improving Hourly Solar Dataset. 2022, Disease classification for whole blood DNA methylation: meta-analysis, missing values imputation, and XAI. Artificial Intelligence and Machine Learning in Cancer Research: A Systematic and Thematic Analysis of the Top 100 Cited Articles Indexed in Scopus Database. 2022, 29, 107327482210959 Comparison of machine learning methods for clinical data imputation among a real-world lung cancer cohort.	

44	Combining Machine Learning with Cox models for identifying risk factors for incident post-menopausal breast cancer in the UK Biobank.	O
43	Epidemiological challenges in pandemic coronavirus disease (COVID -19): Role of artificial intelligence. 2022 , 12,	1
42	Repair missing data to improve corporate credit risk prediction accuracy with multi-layer perceptron.	O
41	Missing Data Analysis Using Statistical and Machine Learning Methods in Facility-Based Maternal Health Records. 2022 , 3,	
40	Enhanced financial fraud detection using cost-sensitive cascade forest with missing value imputation.	
39	Machine Learning Enabled 3D Body Measurement Estimation Using Hybrid Feature Selection and Bayesian Search. 2022 , 12, 7253	1
38	Predicting the Risk of Stroke Based on Imbalanced Data Set with Missing Data. 2022,	
37	Impact of Missing Data on Classification Success in Health and Comparative Analysis of Imputation Methods. 2022 ,	
36	Discrete Missing Data Imputation Using Multilayer Perceptron and Momentum Gradient Descent. 2022 , 22, 5645	1
35	Analytical Approaches to Reduce Selection Bias in As-Treated Analyses with Missing In-Hospital Drug Information.	
34	EBOLApred: A machine learning-based web application for predicting cell entry inhibitors of the Ebola virus. 2022 , 101, 107766	2
33	Machine Learning and Sustainable Mobility: The Case of the University of Foggia (Italy). 2022 , 12, 8774	2
32	Missing Data Imputation Using Ensemble Learning Technique: A Review. 2023, 223-236	1
31	Robustness of Multiple Imputation Methods for Missing Risk Factor Data from Electronic Medical Records for Observational Studies.	Ο
30	Machine Learning in Nutrition Research.	1
29	Disease classification for whole-blood DNA methylation: Meta-analysis, missing values imputation, and XAI. 2022 , 11,	O
28	Uncertain imputation for time-series forecasting: Application to COVID-19 daily mortality prediction. 2022 , 1, e0000115	О
27	Decision Tree Modeling for Osteoporosis Screening in Postmenopausal Thai Women. 2022 , 9, 83	1

26	The determinants of investment fraud: A machine learning and artificial intelligence approach. 5,	O
25	Exploring Machine Learning and Deep Learning Approaches for Multi-Step Forecasting in Municipal Solid Waste Generation. 2022 , 1-1	Ο
24	Mixed Data Imputation using Generative Adversarial Networks. 2022, 1-1	0
23	Comparison of Missing Data Imputation Methods using the Framingham Heart study dataset. 2022 ,	1
22	Hybrid Analytic Method for Missing Data Imputation in Medical Big Data.	O
21	The impact of multi-criteria ratings in social networking sites on the performance of online recommendation agents. 2023 , 76, 101919	O
20	A Novel Machine Learning Based Probabilistic Classification Model for Heart Disease Prediction. 2022 , 12, 221-229	O
19	Dealing with missing, imbalanced, and sparse features during the development of a prediction model for sudden death using emergency medicine data: a machine learning approach (Preprint).	O
18	A phase I/Ib trial and biological correlate analysis of neoadjuvant SBRT with single-dose durvalumab in HPV-unrelated locally advanced HNSCC. 2022 , 3, 1300-1317	1
17	Classification of breast cancer recurrence based on imputed data: a simulation study. 2022 , 15,	O
16	Effects of Class Imbalance and Data Scarcity on the Performance of Binary Classification Machine Learning Models Developed Based on ToxCast/Tox21 Assay Data. 2022 , 35, 2219-2226	O
15	Prediction of Attention-Deficit/Hyperactivity Disorder Diagnosis Using Brief, Low-Cost Clinical Measures: A Competitive Model Evaluation. 216770262211202	O
14	Attention-Based Sequence-to-Sequence Model for Time Series Imputation. 2022, 24, 1798	O
13	Properties of the Estimators of the Cox Regression Model with Imputed Data.	O
12	Feature engineering methods. 2023 , 1-29	O
11	Association between maternal multimorbidity and preterm birth, low birth weight and small for gestational age: a prospective birth cohort study from the Japan Environment and Children Study. 2023 , 13, e069281	O
10	Technology acceptance prediction of robo-advisors by machine learning. 2023, 18, 200197	0
9	Hybrid Machine Learning for Matchmaking in Digital Business Ecosystems. 2022 , 2817-2838	O

CITATION REPORT

8	Fluctuating Small Data Imputation with Lagrange Interpolation Based. 2023 , 211-217	O
7	Missing Value Imputation Methods for Electronic Health Records. 2023 , 11, 21562-21574	1
6	MobileNetV1-Based Deep Learning Model for Accurate Brain Tumor Classification. 32-41	О
5	Evaluating ensemble imputation in software effort estimation. 2023 , 28,	О
4	Sensor Data Restoration in Internet of Things Systems Using Machine Learning Approach. 2023 , 21-30	О
3	Efficient BREV Ensemble Framework: A Case Study of Breast Cancer Prediction. 2023 , 97-113	O
2	High Dimensional Missing Data Imputation for Classification Problems: A Hybrid Model based on K-Nearest Neighbor and Genetic Algorithm. 2022 ,	О
1	Machine learning's performance in classifying postmenopausal osteoporosis Thai patients. 2023 , 7, 100099	O