Over 100 peer-reviewed articles from the National Library of Medicine:

Google operations at site:nih.gov:

"bias in feature importance" OR "bias in feature selection" OR "biases in feature impotance" OR "biases in feature selection" OR "biased feature importance" OR "biased feature selection" OR "feature importance bias" OR "feature selection bias" site:nih.gov

Bobrowski L. Design of piecewise linear classifiers from formal neurons by a basis exchange technique. Pattern Recognition. 1991;24(9):863-870. doi:10.1016/0031-3203(91)90005-P.

Guyatt GH, Webber CE, Mewa AA, Sackett DL. Determining causation—A case study: Adrenocorticosteroids and osteoporosis: Should the fear of inducing clinically important osteoporosis influence the decision to prescribe adrenocorticosteroids? Journal of Chronic Diseases. 1984;37(5):343-352. doi:10.1016/0021-9681(84)90100-0.

Bobrowski L, Niemiro W. A method of synthesis of linear discriminant function in the case of nonseparability. Pattern Recognition. 1984;17(2):205-210. doi:10.1016/0031-3203(84)90059-1.

Zajac G, Ignatiev A. High temperature optical and structural degradation of black chrome coatings. Solar Energy Materials. 1979;2(2):239-247. doi:10.1016/0165-1633(79)90021-2.

Raudys S, Pikelis V. Collective selection of the best version of a pattern recognition system. Pattern Recognition Letters. 1982;1(1):7-13. doi:10.1016/0167-8655(82)90044-7.

Betz JL, Sadler JR. Variants of a cloned synthetic lactose operator II. Chloramphenicol-resistant revertants retaining a lactose operator in the CAT gene of plasmid pBR325. Gene. 1981;15(2-3):187-200. doi:10.1016/0378-1119(81)90128-1.

Tomalin LE, Kim J, Correa da Rosa J, Lee J, Fitz LJ, Berstein G, Valdez H, Wolk R, Krueger JG, Suárez-Fariñas M. Early Quantification of Systemic Inflammatory Proteins Predicts Long-Term Treatment Response to Tofacitinib and Etanercept. Journal of Investigative Dermatology. 2020;140(5):1026-1034. doi:10.1016/j.jid.2019.09.023.

Lovatti BPO, Nascimento MHC, Neto AC, Castro EVR, Filgueiras PR. Use of Random forest in the identification of important variables. Microchemical Journal. 2019;145:1129-1134. doi:10.1016/j.microc.2018.12.028.

Samuel D, Boboc B, Bernuau J, Bismuth H, Benhamou JP. Liver Transplantation for Protoporphyria: Evidence for the Predominant Role of the Erythropoietic Tissue in Protoporphyrin Overproduction. Gastroenterology. 1988;95(3):816-819. doi:10.1016/S0016-5085(88)80033-7.

Frénay B, Doquire G, Verleysen M. Estimating mutual information for feature selection in the presence of label noise. Computational Statistics & Data Analysis. 2014;71:832-848. doi:10.1016/j.csda.2013.05.001.

Peralta B, Soto A. Embedded local feature selection within mixture of experts. Information Sciences. 2014;269:176-187. doi:10.1016/j.ins.2014.01.008.

Zhang Y, Song X, Gong D. A return-cost-based binary firefly algorithm for feature selection. Information Sciences. 2017;418–419:561-574. doi:10.1016/j.ins.2017.08.047.

Pfeifer B, Gevaert A, Loecher M, Holzinger A. Tree smoothing: Post-hoc regularization of tree ensembles for interpretable machine learning. Information Sciences. 2025;690:121564. doi:10.1016/j.ins.2024.121564.

Huang X, Tao H, Ni H, Hou C. Debiasing weighted multi-view k-means clustering based on causal regularization. Pattern Recognition. 2025;160:111195. doi:10.1016/j.patcog.2024.111195.

Kazienko P, Kajdanowicz T. Label-dependent node classification in the network. Neurocomputing. 2012;75(1):199-209. doi:10.1016/j.neucom.2011.04.047.

Mazumder P, Singh P. Protected attribute guided representation learning for bias mitigation in limited data. Knowledge-Based Systems. 2022;244:108449. doi:10.1016/j.knosys.2022.108449.

Tang W, Zhang Q, Chen Y, Liu X, Wang H, Huang W. An intelligent airflow perception model for metal mines based on CNN-LSTM architecture. Process Safety and Environmental Protection. 2024;187:1234-1247. doi:10.1016/j.psep.2024.05.044.

Lu X, Qian W, Dai S, Huang J. Label distribution feature selection based on hierarchical structure and neighborhood granularity. Information Fusion. 2024;112:102588. doi:10.1016/j.inffus.2024.102588.

Dai H, Bao Y. An inverse probability weighted estimator for the bivariate distribution function under right censoring. Statistics & Probability Letters. 2009;79(16):1789-1797. doi:10.1016/j.spl.2009.05.010.

Huang J, Cai Y, Xu X. A hybrid genetic algorithm for feature selection wrapper based on mutual information. Pattern Recognition Letters. 2007;28(13):1825-1844. doi:10.1016/j.patrec.2007.05.011.

Li L, Kang Y, Li F. Bayesian forecast combination using time-varying features. International Journal of Forecasting. 2023;39(3):1287-1302. doi:10.1016/j.ijforecast.2022.06.002.

Kretowska M. Tree-based models for survival data with competing risks. Computer Methods and Programs in Biomedicine. 2018;159:185-198. doi:10.1016/j.cmpb.2018.03.017.

Yang G, Li W, Xie W, Wang L, Yu K. An improved binary particle swarm optimization algorithm for clinical cancer biomarker identification in microarray data. Computer Methods and Programs in Biomedicine. 2024;244:107987. doi:10.1016/j.cmpb.2023.107987.

Nguyen CD, Strazdins L, Nicholson JM, Cooklin AR. Impact of missing data strategies in studies of parental employment and health: Missing items, missing waves, and missing mothers. Social Science & Medicine. 2018;209:160-168. doi:10.1016/j.socscimed.2018.03.009.

Alipour H, Muñoz MA, Smith-Miles K. Enhanced instance space analysis for the maximum flow problem. European Journal of Operational Research. 2023;304(2):411-428. doi:10.1016/j.ejor.2022.04.012.

Nematzadeh H, Enayatifar R, Mahmud M, Akbari E. Frequency based feature selection method using whale algorithm. Genomics. 2019;111(6):1946-1955. doi:10.1016/j.ygeno.2019.01.006.

Alirezanejad M, Enayatifar R, Motameni H, Nematzadeh H. Heuristic filter feature selection methods for medical datasets. Genomics. 2020;112(2):1173-1181. doi:10.1016/j.ygeno.2019.07.002.

Vos S, Hebeda K, Milota M, Sand M, Drogt J, Grünberg K, Jongsma K. Making pathologists ready for the new AI era: changes in required competencies. Modern Pathology. 2024;100657. doi:10.1016/j.modpat.2024.100657.

Stiglic G, Rodriguez JJ, Kokol P. Finding optimal classifiers for small feature sets in genomics and proteomics. Neurocomputing. 2010;73(13-15):2346-2352. doi:10.1016/j.neucom.2010.02.024.

Brinkrolf J, Göpfert C, Hammer B. Differential privacy for learning vector quantization. Neurocomputing. 2019;342:125-136. doi:10.1016/j.neucom.2018.11.095.

Liu T, Wang M, Yang B, Liu H, Yi S. ESERNet: Learning spectrogram structure relationship for effective speech emotion recognition with swin transformer in classroom discourse analysis. Neurocomputing. 2025;612:128711. doi:10.1016/j.neucom.2024.128711.

Sahran S, Albashish D, Abdullah A, Shukor NA, Pauzi SH. Absolute cosine-based SVM-RFE feature selection method for prostate histopathological grading. Artificial Intelligence in Medicine. 2018;87:78-90. doi:10.1016/j.artmed.2018.04.002.

Peralta M, Jannin P, Haegelen C, Baxter JSH. Data imputation and compression for Parkinson's disease clinical questionnaires. Artificial Intelligence in Medicine. 2021;114:102051. doi:10.1016/j.artmed.2021.102051.

Sun J, Li H. Data mining method for listed companies’ financial distress prediction. Knowledge-Based Systems. 2008;21(1):1-5. doi:10.1016/j.knosys.2006.11.003.

Zhou L, Lu D, Fujita H. The performance of corporate financial distress prediction models with features selection guided by domain knowledge and data mining approaches. Knowledge-Based Systems. 2015;85:52-61. doi:10.1016/j.knosys.2015.04.017.

Hancer E, Xue B, Zhang M. Differential evolution for filter feature selection based on information theory and feature ranking. Knowledge-Based Systems. 2018;140:103-119. doi:10.1016/j.knosys.2017.10.028.

Han J, Kang S. Active learning with missing values considering imputation uncertainty. Knowledge-Based Systems. 2021;224:107079. doi:10.1016/j.knosys.2021.107079.

Lohrmann C, Luukka P. Nonspecificity, strife and total uncertainty in supervised feature selection. Engineering Applications of Artificial Intelligence. 2022;109:104628. doi:10.1016/j.engappai.2021.104628.

Carletti M, Terzi M, Susto GA. Interpretable Anomaly Detection with DIFFI: Depth-based feature importance of Isolation Forest. Engineering Applications of Artificial Intelligence. 2023;119:105730. doi:10.1016/j.engappai.2022.105730.

Thakur D, Biswas S. Permutation importance based modified guided regularized random forest in human activity recognition with smartphone. Engineering Applications of Artificial Intelligence. 2024;129:107681. doi:10.1016/j.engappai.2023.107681.

Abdollahi A, Li D, Deng J, Amini A. An explainable artificial-intelligence-aided safety factor prediction of road embankments. Engineering Applications of Artificial Intelligence. 2024;136(Part A):108854. doi:10.1016/j.engappai.2024.108854.

Dupeu JM. La consultation thérapeutique en pédo-psychiatrie: 10e journée annuelle de psychiatrie infantile. Journal de Pédiatrie et de Puériculture. 1997;10(6):349-355. doi:10.1016/S0987-7983(97)80099-0.

Eichele T, Rachakonda S, Calhoun V. EEGIFT: A toolbox for group temporal ICA of event-related EEG. NeuroImage. 2009;47(Supplement 1):S101. doi:10.1016/S1053-8119(09)70872-9.

Pantazatos SP, Talati A, Pavlidis P, Hirsch J. Cortical functional connectivity decodes subconscious, task-irrelevant threat-related emotion processing. NeuroImage. 2012;61(4):1355-1363. doi:10.1016/j.neuroimage.2012.03.051.

Taylor JA, Larsen KM, Dzafic I, Garrido MI. Predicting subclinical psychotic-like experiences on a continuum using machine learning. NeuroImage. 2021;241:118329. doi:10.1016/j.neuroimage.2021.118329.

Chen J, Ooi LQR, Tan TWK, Zhang S, Li J, Asplund CL, Eickhoff SB, Bzdok D, Holmes AJ, Yeo BTT. Relationship between prediction accuracy and feature importance reliability: An empirical and theoretical study. NeuroImage. 2023;274:120115. doi:10.1016/j.neuroimage.2023.120115.

Hanbay K. A new standard error based artificial bee colony algorithm and its applications in feature selection. Journal of King Saud University - Computer and Information Sciences. 2022;34(7):4554-4567. doi:10.1016/j.jksuci.2021.04.010.

Takefuji Y. Mitigating biases in feature selection and importance assessments in predictive models using LASSO regression. Oral Oncology. 2024;159:107090. doi:10.1016/j.oraloncology.2024.107090.

Han H. A novel feature selection for RNA-seq analysis. Computational Biology and Chemistry. 2017;71:245-257. doi:10.1016/j.compbiolchem.2017.10.010.

Sefidian AM, Daneshpour N. Estimating missing data using novel correlation maximization based methods. Applied Soft Computing. 2020;91:106249. doi:10.1016/j.asoc.2020.106249.

Liu Y, Yuan X, Jiang X, Wang P, Kou J, Wang H, Liu M. Dilated Adversarial U-Net Network for automatic gross tumor volume segmentation of nasopharyngeal carcinoma. Applied Soft Computing. 2021;111:107722. doi:10.1016/j.asoc.2021.107722.

Zhao F, Lu Y, Li X, Wang L, Song Y, Fan D, Zhang C, Chen X. Multiple imputation method of missing credit risk assessment data based on generative adversarial networks. Applied Soft Computing. 2022;126:109273. doi:10.1016/j.asoc.2022.109273.

Li X, Shao B, Bian G. A scholars’ personality traits augmented multi-dimensional feature fusion scholarly journal recommendation model. Applied Soft Computing. 2024;163:111888. doi:10.1016/j.asoc.2024.111888.

Nogueira MS, Barreto AL, Furukawa M, Rovai ES, Bastos A, Bertoncello G, Silva de Carvalho LFC. FTIR spectroscopy as a point of care diagnostic tool for diabetes and periodontitis: A saliva analysis approach. Photodiagnosis and Photodynamic Therapy. 2022;40:103036. doi:10.1016/j.pdpdt.2022.103036.

Stojanova D, Ceci M, Appice A, Malerba D, Džeroski S. Dealing with spatial autocorrelation when learning predictive clustering trees. Ecological Informatics. 2013;13:22-39. doi:10.1016/j.ecoinf.2012.10.006.

Schwarzer A, Talbot SR, Selich A, Morgan M, Schott JW, Dittrich-Breiholz O, Bastone AL, Weigel B, Ha TC, Dziadek V, Gijsbers R, Thrasher AJ, Staal FJT, Gaspar HB, Modlich U, Schambach A, Rothe M. Predicting genotoxicity of viral vectors for stem cell gene therapy using gene expression-based machine learning. Molecular Therapy. 2021;29(12):3383-3397. doi:10.1016/j.ymthe.2021.06.017.

Shin H, Markey MK. A machine learning perspective on the development of clinical decision support systems utilizing mass spectra of blood samples. Journal of Biomedical Informatics. 2006;39(2):227-248. doi:10.1016/j.jbi.2005.04.002.

Banerjee I, Bhattacharjee K, Burns JL, Trivedi H, Purkayastha S, Seyyed-Kalantari L, Patel BN, Shiradkar R, Gichoya J. “Shortcuts” Causing Bias in Radiology Artificial Intelligence: Causes, Evaluation, and Mitigation. Journal of the American College of Radiology. 2023;20(9):842-851. doi:10.1016/j.jacr.2023.06.025.

Sanjalawe Y, Althobaiti T. DDoS Attack Detection in Cloud Computing Based on Ensemble Feature Selection and Deep Learning. Computers, Materials and Continua. 2023;75(2):3571-3588. doi:10.32604/cmc.2023.037386.  
  
Paul D, Sinnarasan VSP, Das R, Sheikh MMR, Venkatesan A. Machine learning approach to predict blood-secretory proteins and potential biomarkers for liver cancer using omics data. Journal of Proteomics. 2024;309:105298. doi:10.1016/j.jprot.2024.105298.

El Allali A, Elhamraoui Z, Daoud R. Machine learning applications in RNA modification sites prediction. Computational and Structural Biotechnology Journal. 2021;19:5510-5524. doi:10.1016/j.csbj.2021.09.025.

Asensio JO, Verheijen M, Caiment F. Predicting missing proteomics values using machine learning: Filling the gap using transcriptomics and other biological features. Computational and Structural Biotechnology Journal. 2022;20:2057-2069. doi:10.1016/j.csbj.2022.04.017.

Cechinel MAP, Neves J, Fuck JVR, de Andrade RC, Spogis N, Riella HG, Padoin N, Soares C. Enhancing wastewater treatment efficiency through machine learning-driven effluent quality prediction: A plant-level analysis. Journal of Water Process Engineering. 2024;58:104758. doi:10.1016/j.jwpe.2023.104758.

Kamat P, Kumar S, Kotecha K. DeepTool: A deep learning framework for tool wear onset detection and remaining useful life prediction. MethodsX. 2024;13:102965. doi:10.1016/j.mex.2024.102965.

Chanderraj R, Brown CA, Hinkle K, Falkowski N, Ranjan P, Dickson RP, Woods RJ, McMahon K. Gut Microbiota Predict Enterococcus Expansion but Not Vancomycin-Resistant Enterococcus Acquisition. mSphere. 2020;5(6):. doi:10.1128/msphere.00537-20.

Belz J, Nelles O, Schwingshackl D, Rehrl J, Horn M. Order Determination and Input Selection with Local Model Networks. IFAC-PapersOnLine. 2017;50(1):7327-7332. doi:10.1016/j.ifacol.2017.08.1475.

Kakuba S, Han DS. Addressing data scarcity in speech emotion recognition: A comprehensive review. ICT Express. 2024;. doi:10.1016/j.icte.2024.11.003.

Tang LJ, Li XK, Huang Y, Zhang XZ, Li BQ. Accurate and visualiable discrimination of Chenpi age using 2D-CNN and Grad-CAM++ based on infrared spectral images. Food Chemistry: X. 2024;23:101759. doi:10.1016/j.fochx.2024.101759.

Donmez B, McDonald AD, Lee JD, Boyle LN. Road user behavior: Describing, inferring, predicting and beyond. Transportation Research Interdisciplinary Perspectives. 2023;22:100932. doi:10.1016/j.trip.2023.100932.

Qian H, Wang B, Yuan M, Gao S, Song Y. Financial distress prediction using a corrected feature selection measure and gradient boosted decision tree. Expert Systems with Applications. 2022;190:116202. doi:10.1016/j.eswa.2021.116202.

Krawczuk J, Łukaszuk T. The feature selection bias problem in relation to high-dimensional gene data. Artificial Intelligence in Medicine. 2016;66:63-71. doi:10.1016/j.artmed.2015.11.001.

Suárez-Marcote S, Morán-Fernández L, Bolón-Canedo V. Towards federated feature selection: Logarithmic division for resource-conscious methods. Neurocomputing. 2024;596:128099. doi:10.1016/j.neucom.2024.128099.

Xu X, Liang T, Zhu J, Zheng D, Sun T. Review of classical dimensionality reduction and sample selection methods for large-scale data processing. Neurocomputing. 2019;328:5-15. doi:10.1016/j.neucom.2018.02.100.

Fallahpour S, Lakvan EN, Zadeh MH. Using an ensemble classifier based on sequential floating forward selection for financial distress prediction problem. Journal of Retailing and Consumer Services. 2017;34:159-167. doi:10.1016/j.jretconser.2016.10.002.

Katal S, York B, Gholamrezanezhad A. AI in radiology: From promise to practice − A guide to effective integration. European Journal of Radiology. 2024;181:111798. doi:10.1016/j.ejrad.2024.111798.  
  
Mateo F, Garcés-Iniesta JJ, Jenninger B, Gómez-Sanchís J, Soria-Olivas E, Chiggiato P. Automatic mass spectra recognition for Ultra High Vacuum systems using multilabel classification. Expert Systems with Applications. 2021;178:114959. doi:10.1016/j.eswa.2021.114959.  
  
Tekchandani H, Verma S, Londhe N. Performance improvement of mediastinal lymph node severity detection using GAN and Inception network. Computer Methods and Programs in Biomedicine. 2020;194:105478. doi:10.1016/j.cmpb.2020.105478.

Bougioukos P, Glotsos D, Cavouras D, Daskalakis A, Kalatzis I, Kostopoulos S, Nikiforidis G, Bezerianos A. An intensity-region driven multi-classifier scheme for improving the classification accuracy of proteomic MS-spectra. Computer Methods and Programs in Biomedicine. 2010;99(2):147-153. doi:10.1016/j.cmpb.2009.11.003.

Sefidian AM, Daneshpour N. Missing value imputation using a novel grey based fuzzy c-means, mutual information based feature selection, and regression model. Expert Systems with Applications. 2019;115:68-94. doi:10.1016/j.eswa.2018.07.057.

Medjek F, Tandjaoui D, Djedjig N, Romdhani I. Fault-tolerant AI-driven Intrusion Detection System for the Internet of Things. International Journal of Critical Infrastructure Protection. 2021;34:100436. doi:10.1016/j.ijcip.2021.100436.  
  
Song XF, Zhang Y, Gong DW, Sun XY. Feature selection using bare-bones particle swarm optimization with mutual information. Pattern Recognition. 2021;112:107804. doi:10.1016/j.patcog.2020.107804.

Yang G, He J, Lan X, Li T, Fang W. A fast dual-module hybrid high-dimensional feature selection algorithm. Information Sciences. 2024;681:121185. doi:10.1016/j.ins.2024.121185.

Gandhudi M, Alphonse PJA, Fiore U, Gangadharan GR. Explainable hybrid quantum neural networks for analyzing the influence of tweets on stock price prediction. Computers and Electrical Engineering. 2024;118, Part A:109302. doi:10.1016/j.compeleceng.2024.109302.

Diaz M, Moetesum M, Siddiqi I, Vessio G. Sequence-based dynamic handwriting analysis for Parkinson’s disease detection with one-dimensional convolutions and BiGRUs. Expert Systems with Applications. 2021;168:114405. doi:10.1016/j.eswa.2020.114405.

Azim R, Wang S, Dipu SA. CDSImpute: An ensemble similarity imputation method for single-cell RNA sequence dropouts. Computers in Biology and Medicine. 2022;146:105658. doi:10.1016/j.compbiomed.2022.105658.

Gu Z, Jamison KW, Sabuncu MR, Kuceyeski A. Machine learning and neuroimaging: Understanding the human brain in health and disease. In: Neuroimaging Methods and Applications, Computational and Network Modeling of Neuroimaging Data, Academic Press. 2024; Pages 261-285. ISBN 9780443134807. doi:10.1016/B978-0-443-13480-7.00010-7.  
  
Nguyen BH, Xue B, Zhang M. A survey on swarm intelligence approaches to feature selection in data mining. Swarm and Evolutionary Computation. 2020;54:100663. doi:10.1016/j.swevo.2020.100663.

Tran HTTT, Van den Bergh R, Vu TN, Laukens K, Worodria W, Loembé MM, Colebunders R, Kestens L, De Baetselier P, Raes G. The role of monocytes in the development of Tuberculosis-associated Immune Reconstitution Inflammatory Syndrome. Immunobiology. 2014;219(1):37-44. doi:10.1016/j.imbio.2013.07.004.  
  
Effrosynidis D, Arampatzis A. An evaluation of feature selection methods for environmental data. Ecological Informatics. 2021;61:101224. doi:10.1016/j.ecoinf.2021.101224.

Fakhraei S, Soltanian-Zadeh H, Fotouhi F. Bias and stability of single variable classifiers for feature ranking and selection. Expert Systems with Applications. 2014;41(15):6945-6958. doi:10.1016/j.eswa.2014.05.007.  
  
Debray MP, Borie R, Revel MP, Naccache JM, Khalil A, Toper C, Israel-Biet D, Estellat C, Brillet PY. Interstitial lung disease in anti-synthetase syndrome: Initial and follow-up CT findings. European Journal of Radiology. 2015;84(3):516-523. doi:10.1016/j.ejrad.2014.11.026.  
  
Qu W, Zhou Z, Yuan G, Li S, Li J, Chu Q, Zhang Q, Xie Q, Li Z, Kamel IR. Is the radiomics-clinical combined model helpful in distinguishing between pancreatic cancer and mass-forming pancreatitis? European Journal of Radiology. 2023;164:110857. doi:10.1016/j.ejrad.2023.110857.  
  
van Koppen A, Verschuren L, van den Hoek AM, Verheij J, Morrison MC, Li K, Nagabukuro H, Costessi A, Caspers MPM, van den Broek TJ, et al. Uncovering a predictive molecular signature for the onset of NASH-related fibrosis in a translational NASH mouse model. Cellular and Molecular Gastroenterology and Hepatology. 2018;5(1):83-98.e10. doi:10.1016/j.jcmgh.2017.10.001.  
  
Yu K, Sun S, Liang J, Chen K, Qu B, Yue C, Wang L. A bidirectional dynamic grouping multi-objective evolutionary algorithm for feature selection on high-dimensional classification. Information Sciences. 2023;648:119619. doi:10.1016/j.ins.2023.119619.  
  
Weintraub MJ, Posta F, Arevian AC, Miklowitz DJ. Using machine learning analyses of speech to classify levels of expressed emotion in parents of youth with mood disorders. Journal of Psychiatric Research. 2021;136:39-46. doi:10.1016/j.jpsychires.2021.01.019.  
  
Liu X, Zhou Y, Zongrun W. Can the development of a patient’s condition be predicted through intelligent inquiry under the e-health business mode? Sequential feature map-based disease risk prediction upon features selected from cognitive diagnosis big data. International Journal of Information Management. 2020;50:463-486. doi:10.1016/j.ijinfomgt.2019.05.006.  
  
Deng Y, Hung KSY, Lui SSY, Lee JCW, Wang Y, Li Z, Mak HKF, Sham PC, Chan RCK, Cheung EFC. Tractography-based classification in distinguishing patients with first-episode schizophrenia from healthy individuals. Progress in Neuro-Psychopharmacology and Biological Psychiatry. 2019;88:66-73. doi:10.1016/j.pnpbp.2018.06.010.

Dukart J, Mueller K, Barthel H, Villringer A, Sabri O, Schroeter ML. Meta-analysis based SVM classification enables accurate detection of Alzheimer's disease across different clinical centers using FDG-PET and MRI. Psychiatry Research: Neuroimaging. 2013;212(3):230-236. doi:10.1016/j.pscychresns.2012.04.007.  
  
Ma C, Zhang P, Pan L, Li X, Yin C, Li A, Zong R, Zhang Z. A feature fusion sequence learning approach for quantitative analysis of tremor symptoms based on digital handwriting. Expert Systems with Applications. 2022;203:117400. doi:10.1016/j.eswa.2022.117400.  
  
Liu Z, Chang B, Cheng F. An interactive filter-wrapper multi-objective evolutionary algorithm for feature selection. Swarm and Evolutionary Computation. 2021;65:100925. doi:10.1016/j.swevo.2021.100925.