

Source ID	Reference
[S1]	Amasaki, S., Takagi, Y., Mizuno, O., & Kikuno, T. (2003). A Bayesian belief network for assessing the likelihood of fault content. In 14th International Symposium on Software Reliability Engineering, 2003. ISSRE 2003. (pp. 215–226). http://doi.org/10.1109/ISSRE.2003.1251044
[S2]	Indu Sharma and Ms. ParveenBano, “A Combined Approach of Software Metrics and Software Fault Analysis to Estimate Software Reliability,” IOSR J. Comput. Eng., vol. 11, no. 6, pp. 01–14, 2013.
[S3]	Sandhu, P. S., Kaur, M., & Kaur, A. (2010). A Density Based Clustering approach for early detection of fault prone modules. In 2010 International Conference on Electronics and Information Engineering (pp. V2-525-V2-530). IEEE. http://doi.org/10.1109/ICEIE.2010.5559753
[S4]	Kaur, A. (2011). A Framework for Analyzing Software Quality using Hierarchical Clustering. International Journal on Computer Science and Engineering (IJCSE), 3(2), 854–861.
[S5]	V. Vashisht, M. Lal, and G. S. Sureshchandar, “A Framework for Software Defect Prediction Using Neural Networks,” J. Softw. Eng. Appl., vol. 8, pp. 384–394, 2015.
[S6]	Bharathi, R., & Selvarani, R. (2015). A framework for the estimation of OO software reliability using design complexity metrics. In 2015 International Conference on Trends in Automation, Communications and Computing Technology (I-TACT-15) (pp. 1–7). IEEE. https://doi.org/10.1109/ITACT.2015.7492648
[S7]	Bahadur Yadav, H., & Kumar Yadav, D. (2015). A fuzzy logic based approach for phase-wise software defects prediction using software metrics. Information and Software Technology, 44–57. https://doi.org/10.1016/j.infsof.2015.03.001
[S8]	Pandey, A., & Goyal, N. (2009). A fuzzy model for early software fault prediction using process maturity and software metrics. International Journal of Electronics ..., 1(2), 239–245. Retrieved from http://www.csjournals.com/IJEE/PDF 1-2/21_AJEET KUMAR PANDEY_N. K.GOYAL.pdf
[S9]	Sandhu, P. S., Goel, R., Brar, A. S., Kaur, J., & Anand, S. (2010). A model for early prediction of faults in software systems. In 2010 The 2nd International Conference on Computer and Automation Engineering (ICCAE) (pp. 281–285). http://doi.org/10.1109/ICCAE.2010.5451695
[S10]	Chatterjee, S., & Maji, B. (2016). A new fuzzy rule based algorithm for estimating software faults in early phase of development. Soft Computing, 20(10), 4023–4035. http://doi.org/10.1007/s00500-015-1738-x
[S11]	Parvinder S. Sandhu, Sunil Khullar, Satpreet Singh, Simranjit K. Bains, Manpreet Kaur, G. S. (2010). A Study on Early Prediction of Fault Proneness in Software Modules using Genetic Algorithm. World Academy of Science, Engineering and Technology, (48), 648–653.
[S12]	R. S. Sidhu, S. Khullar, P. S. Sandhu, R. P. S. Bedi, and K. Kaur, “A Subtractive Clustering Based Approach for Early Prediction of Fault Proneness in Software Modules,” World Acad. Sci. Eng. Technol., vol. 4, no. 7, pp. 1165–1169, 2010.
[S13]	Dhiauddin, M., Suffian, M., & Ibrahim, S. (2013). A Systematic Approach to Predict System Testing Defects using Prior Phases Metrics for V-Model. Open International Journal of Informatics (OIJI), 1, 1–17.
[S14]	Mohanta, S., Vinod, G., & Mall, R. (2011). A technique for early prediction of software reliability based on design metrics. International Journal of System Assurance Engineering and Management, 2(4), 261–281. http://doi.org/10.1007/s13198-011-0078-1
[S15]	Hong, Y., Baik, J., Ko, I. Y., & Choi, H. J. (2008). A value-added predictive defect type distribution model based on project characteristics. In Proceedings - 7th IEEE/ACIS International Conference on Computer and Information Science, IEEE/ACIS ICIS 2008, In conjunction with 2nd IEEE/ACIS Int. Workshop on e-Activity, IEEE/ACIS IWEA 2008 (pp. 469–474). http://doi.org/10.1109/ICIS.2008.36
[S16]	M. Cartwright and M. Shepperd, “An empirical investigation of an object-oriented software system,” IEEE Trans. Softw. Eng., vol. 26, no. 8, pp. 786–796, 2000.
[S17]	Kumar, K. S., & Misra, R. B. (2008). An Enhanced Model for Early Software Reliability Prediction Using Software Engineering Metrics. In 2008 Second International Conference on Secure System Integration and Reliability Improvement (pp. 177–178). http://doi.org/10.1109/SSIRI.2008.32
[S18]	Rana, Z. A., Awais, M. M., & Shamail, S. (2009). An FIS for early detection of defect prone modules. In Emerging Intelligent Computing Technology and Applications. With Aspects of Artificial Intelligence (Vol. 5755 LNAI, pp. 144–153). http://doi.org/10.1007/978-3-642-04020-7_16

[S19]	A. Nugroho, M. R. V Chaudron, and E. Arisholm, "Assessing UML design metrics for predicting fault-prone classes in a Java system," in Proceedings - International Conference on Software Engineering, 2010, pp. 21–30.
[S20]	Ma, Y., Zhu, S., Qin, K., & Luo, G. (2014). Combining the requirement information for software defect estimation in design time. Information Processing Letters (Vol. 114). https://doi.org/10.1016/j.ipl.2014.03.012
[S21]	Jiang, Y., Cuki, B., Menzies, T., & Bartlow, N. (2008). Comparing Design and Code Metrics for Software Quality Prediction. Proceedings of the 4th International Workshop on Predictor Models in Software Engineering, 12, 11–18. http://doi.org/10.1145/1370788.1370793
[S22]	Singh, P., & Verma, S. (2015). Cross Project Software Fault Prediction at Design Phase. International Journal of Computer, Electrical, Automation, Control and Information Engineering, 9(3), 800–805. https://doi.org/10.5370/JEET.2014.9.4.742
[S23]	V. Vashisht, M. Lal, and G. Sureshchandar, "Defect Prediction Framework Using Neural Networks for Software Enhancement Projects," Br. J. Math. Comput. Sci., vol. 16, no. 5, pp. 1–12, Jan. 2016.
[S24]	Pandey, A. K., & Goyal, N. K. (2013). Early Fault Prediction Using Software Metrics and Process Maturity. In Early Software Reliability Prediction (Vol. 303, pp. 35–57). http://doi.org/10.1007/978-81-322-1176-1
[S25]	R. Ratra, N. S. Randhawa, P. Kaur, and G. Singh, "Early Prediction of Fault Prone Modules using Clustering Based vs . Neural Network Approach in Software Systems," Int. J. Electron. Commun. Technol., vol. 2, no. 4, pp. 47–50, 2011.
[S26]	MOHAN, K. K., VERMA, A. K., & SRIVIDYA, A. (2009). Early Qualitative Software Reliability Prediction and Risk Management in Process Centric Development Through a Soft Computing Technique. International Journal of Reliability, Quality and Safety Engineering, 16(6), 521–532. http://doi.org/10.1142/S0218539309003551
[S27]	Yadav, D. K., Charurvedi, S. K., & Mishra, R. B. (2012). Early Software Defects Prediction Using Fuzzy Logic. International Journal of Performability Engineering, 8(4), 399–408.
[S28]	Kaur, a., Sandhu, P. S., & Bra, A. S. (2009). Early Software Fault Prediction Using Real Time Defect Data. In 2009 Second International Conference on Machine Vision (pp. 242–245). http://doi.org/10.1109/ICMV.2009.54
[S29]	Yang, B., Yao, L., & Huang, H.-Z. (2007). Early Software Quality Prediction Based on a Fuzzy Neural Network Model. In Third International Conference on Natural Computation (ICNC 2007) (Vol. 1, pp. 760–764). IEEE. http://doi.org/10.1109/ICNC.2007.347
[S30]	Yadav, H. B., & Yadav, D. K. (2014). Early software reliability analysis using reliability relevant software metrics. International Journal of System Assurance Engineering and Management. http://doi.org/10.1007/s13198-014-0325-3
[S31]	Yamada, S.: Early-stage software product quality prediction based on process measurement data. In: Misra, K.B. (ed.) Handbook of Performability Engineering, pp. 1227–1237. Springer, London (2008)
[S32]	Pandey, A. K., & Goyal, N. K. (2010). Fault Prediction Model by Fuzzy Profile Development of Reliability Relevant Software Metrics. International Journal of Computer Applications, 11(6), 34–41. http://doi.org/10.5120/1584-2124
[S33]	Jiang, Y., Cucik, B., & Menzies, T. (2007). Fault Prediction using Early Lifecycle Data. In 18th IEEE International Symposium on Software Reliability Engineering(pp. 237–246). http://doi.org/10.1109/ISSRE.2007.24
[S34]	Pandey, A. K., & Goyal, N. K. (2013). Multistage Model for Residual Fault Prediction. In Early Software Reliability Prediction (Vol. 303, pp. 117–130). https://doi.org/10.1007/978-81-322-1176-1
[S35]	Sandhu, P. S., Lata, S., & Grewal, D. K. (2012). Neural Network Approach for Software Defect Prediction Based on Quantitative and Qualitative Factors. International Journal of Computer Theory and Engineering, 4(2), 298–303.
[S36]	D. L. Gupta and A. K. Malviya, "Observations on Fault Proneness Prediction Models of Object-Oriented System to Improve Software Quality," Int. J. Adv. Res. Comput. Sci., vol. 2, pp. 57–65, 2011.

[S37]	Fenton, N., Neil, M., Marsh, W., Hearty, P., Radlinski, L., & Krause, P. (2008). On the effectiveness of early life cycle defect prediction with Bayesian nets. <i>Empirical Software Engineering</i> , 13(5), 499–537. http://doi.org/10.1007/s10664-008-9072-x
[S38]	Zimmermann, T., & Nagappan, N. (2009). Predicting defects with program dependencies. In 2009 3rd International Symposium on Empirical Software Engineering and Measurement, ESEM 2009 (pp. 435–438). http://doi.org/10.1109/ESEM.2009.5316024
[S39]	Sehgal, R., & Mehrotra, D. (2015). Predicting faults before testing phase using Halstead’s metrics. <i>International Journal of Software Engineering and Its Applications</i> , 9(7), 135–142. http://doi.org/10.14257/ijseia.2015.9.7.14
[S40]	Ba, J., & Wu, S. (2012). ProPRED: A probabilistic model for the prediction of residual defects. In Proceedings of 2012 IEEE/ASME 8th IEEE/ASME International Conference on Mechatronic and Embedded Systems and Applications (pp. 247–251). http://doi.org/10.1109/MESA.2012.6275569
[S41]	S. Bibi, G. Tsoumakas, I. Stamelos, and I. Vlahavas, “Regression via Classification applied on software defect estimation,” <i>Expert Syst. Appl.</i> , vol. 34, no. 3, pp. 2091–2101, 2008.
[S42]	Jiang, Y., Lin, J., Cukic, B., Lin, S., & Hu, Z. (2013). Replacing Code Metrics in Software Fault Prediction with Early Life Cycle Metrics. In Third International Conference on Information Science and Technology (pp. 516–523). http://doi.org/10.1109/SCC.2014.108
[S43]	Kumar, C., & Yadav, D. K. (2014). Software defects estimation using metrics of early phases of software development life cycle. <i>International Journal of System Assurance Engineering and Management</i> , 1–9. http://doi.org/10.1007/s13198-014-0326-2
[S44]	Singh, P., Verma, S., & Vyas, O. P. (2014). Software Fault Prediction at Design Phase. <i>Journal of Electrical Engineering and Technology</i> , 9(5), 742–748. http://doi.org/10.5370/JEET.2014.9.4.742
[S45]	H. Euyseok, “Software Fault-proneness Prediction using Random Forest,” <i>Int. J. Smart Home</i> , vol. 6, no. 4, pp. 147–152, 2012.
[S46]	Kumar, C., & Yadav, D. K. (2013). Software Quality Modeling using Metrics of Early Artifacts. In Confluence 2013: The Next Generation Information Technology Summit (4th International Conference) (pp. 7–11). http://doi.org/10.1049/cp.2013.2285
[S47]	Lee, W., Lee, J. K., & Baik, J. (2011). Software Reliability Prediction for Open Source Software Adoption Systems Based on Early Lifecycle Measurements. In 2011 IEEE 35th Annual Computer Software and Applications Conference (pp. 366–371). http://doi.org/10.1109/COMPSAC.2011.55
[S48]	Wajahat, S., Rizvi, A., Khan, R. A., & Singh, V. K. (2016). Software Reliability Prediction using Fuzzy Inference System: Early Stage Perspective. <i>International Journal of Computer Applications</i> , 145(10), 975–8887.
[S49]	Kläs, M., Nakao, H., Elberzhager, F., & Münch, J. (2010). Support planning and controlling of early quality assurance by combining expert judgment and defect data- A case study. <i>Empirical Software Engineering</i> , 15(4), 423–454. http://doi.org/10.1007/s10664-009-9112-1
[S50]	Tomaszewski, P., Håkansson, J., Lundberg, L., & Grahn, H. (2005). The Accuracy of Early Fault Prediction in Modified Code. In In Proceedings of the Fifth Conference on Software Engineering Research and Practice in Sweden (SERPS) (pp. 57–63). http://doi.org/10.1109/ECBS.2006.68
[S51]	Emam, K. El, Melo, W., & Machado, J. C. (2001). The Prediction of Faulty Classes Using Object-Oriented Design Metrics. <i>Journal of Systems and Software (JSS)</i> , 56(1), 63–75.
[S52]	Khoshgoftaar, T. M., & Seliya, N. (2002). Tree-based software quality estimation models for fault prediction. In Proceedings Eighth IEEE Symposium on Software Metrics (pp. 203–214). http://doi.org/10.1109/METRIC.2002.1011339