

## Accepted papers

Study ID	Quality assessment score	Reference
1	2,5	Chaudhary, B. D. and Sahasrabuddhe, H. V. 1980. Meaningfulness As a Factor of Program Complexity. ACM 1980 annual conference. ACM, New York. P. 457-466.
2	2,5	Jbara, A. and Feitelson, D. G. 2014. On the effect of code regularity on comprehension. In Proceedings of the 22nd International Conference on Program Comprehension (ICPC 2014). ACM, New York, NY, USA, p. 189-200.
3	2,5	Pan, K., Kim, S., Whitehead, E. J. 2006. Bug Classification Using Program Slicing Metrics. Sixth IEEE International Workshop on Source Code Analysis and Manipulation. IEEE, Philadelphia. P. 31-42.
4	2,5	Sasaki, Y., Ishihara, T., Hotta, K., Hata, H., Higo, Y., Igaki, H. and Kusumoto, S. 2012. Preprocessing of metrics measurement based on simplifying program structures. Asia-Pacific Software Engineering Conference. IEEE, Hong Kong. P. 120-127.
5	2	Umphress, D. A., Hendrix, T. D., Cross II, J. H., e Maghsoodloo, S. 2006. Software Visualizations for improving and measuring the comprehensibility of source code. Science of Computer Programming. Elsevier. Vol.60, No. 2, p. 121-133.
6	2	Gross, H. G., Jones, B. F., e Eyres, D.E. 2000. Structural performance measure of evolutionary testing applied to worst-case timing of real-time systems. Software, IEE Proceedings. IET, Stevenage. Vol. 147, No. 2, p. 25-30.
7	1,5	Ahmad, A. 1992. A Methodology for Development of Software Composite-Metrics for Program Control-Flow Structure. Journal of Computer Science & Technology. Vol. 7, No. 3, p. 202-218.
8	2	Yang, J., Hendrix, J. D., Chang, K. H., e Umphress, D. 2005. An Empirical Validation of Complexity Profile Graph. 43rd Annual Association for Computing Machinery Southeast Conference. ACM, Kennesaw. Vol. 1, p. 1143-1149.
9	2,5	Yang, Y, Zhou, Y., Lu, H., Chen, L., Chen, Z., Xu, B., Leung, H., Zhang, Z. 2015. Are Slice-Based Cohesion Metrics Actually Useful in Effort-Aware Post-Release Fault-Proneness Prediction? An Empirical Study. IEEE Transactions on Software Engineering. Vol. 41, No. 4, p. 331-357.
10	1,5	Lammermann, F., Baresel, A., Wegener, J. 2008. Evaluating evolutionary testability for structure-oriented testing with software measurements. Applied Soft Computing Journal. Vol. 8, No. 2, p. 1018-1028.
11	2,5	Jbara, A., Matan, A., Feitelson, D. G. 2012. High-MCC functions in the Linux kernel. IEEE International Conference on Program Comprehension. IEEE, Passau. P. 83-92.
12	2,5	Boehm-Davis, D. A., e Ross, L. S. 1992. Program design methodologies and the software development process. International Journal of Man-Machine Studies. Vol. 36, No. 1, p. 1-19.
13	2	Romanik, K., e Vitter, J. S. 1996. Using Vapnik-Chervonenkis Dimension to Analyze the Testing Complexity of Program Segments. Information and Computation. Vol. 128, No. 2, p. 87-108.
14	2,5	Vinju, J. J., e Godfrey, M. W. 2012. What does control flow really look like? Eyeballing the cyclomatic complexity metric. 12th International Working Conference on Source Code Analysis and Manipulation. IEEE, Trento. P. 154-163.
15	2	Wake, S., & Henry, S. (1988, October). <i>A model based on software quality factors which predicts maintainability</i> . In <i>Software Maintenance</i> , 1988., Proceedings of the Conference on (pp. 382-387). IEEE.
16	2,5	Misra, S. (2007, August). Cognitive program complexity measure. In Cognitive Informatics, 6th IEEE International Conference on (pp. 120-125). IEEE.
17	1,5	Carver, D. L. (1988). Comparison of the effect of development paradigms on increases in complexity. Software Engineering Journal, 3(6), 223-228.
18	1,5	Klemola, T., e Rilling, J. 2003. A Cognitive Complexity Metric Based on Category Learning. Em Proceedings of the Second IEEE International Conference on Cognitive Informatics. IEEE, p. 106-112.
19	1,5	Woodward, M. R., Hennell, M. A., e Hedley, D. 1979. A Measure of Control Flow Complexity in Program Text. IEEE Transactions on Software Engineering. Vol. SE-5, no. 1, p. 45-50
20	1,5	Fitzsimmons, A., e Love. T. 1978. A Review and Evaluation of Software Science. ACM Computing Surveys. Vol. 10, no. 1, p. 3-18.
21	2,5	Davis, J. S., e LeBlanc, R. 1988. A Study of the Applicability of Complexity Measures. IEEE Transactions on Software Engineering. Vol. 14, no. 9, p. 1366-1372.

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22	1,5	O'Neal, M. B. 1993. An Empirical Study of Three Common Software Complexity Measures. Em Proceedings of the 1993 ACM/SIGAPP symposium on Applied computing: states of the art and practice. ACM, Nova Iorque. P. 203-207.
23	2,5	Blaine, J. D., e Kemmerer, R. A. 1985. Complexity Measures for Assembly Language Programs. The Journal of Systems and Software. Vol. 5, no. 3, p. 229-245.
24	1,5	Misra, S., e Misra, A. K. 2004. Evaluating Cognitive Complexity Measure with Weyuker Properties. Em Proceedings of the Third IEEE International Conference on Cognitive Informatics. IEEE, p. 103-108.
25	2,5	Shin, Y., Meneely, A., Williams, L., e Osborne, J. A. 2011. Evaluating Complexity, Code Churn, and Developer Activity Metrics as Indicators of Software Vulnerabilities. IEEE Transactions on Software Engineering. Vol. 37, no. 6, p. 772-787.
26	1,5	Weyuker, E. J. 1988. Evaluating Software Complexity Measures. IEEE Transactions on Software Engineering. Vol. 14, no. 9, p. 1357 - 1365.
27	2	Curtis, B., e Sheppard, S. B. 1979. Identification and Validation of Quantitative Measures of the Psychological Complexity of Software. No. TR-79-388100-7. GENERAL ELECTRIC CO ARLINGTON VA.
28	1,5	Misra, S., e Akman, I. 2008. Measuring Complexity of Object Oriented Programs. Computational Science and Its Applications. Perugia. P. 652-667.
29	1,5	Zolnowski, J. M., e Simmons, D. B. 1977. Measuring Software Complexity. COMPCON Fall '77. IEEE, p. 336-340.
30	2	Curtis, B., Sheppard, S. B., Milliman, P., Borst, M. A., e Love, T. 1979. Measuring the Psychological Complexity of Software Maintenance Tasks with Halstead and McCabe Metrics. IEEE Transactions on Software Engineering. Vol. SE-5, no. 2, p. 96-104.
31	1,5	Misra, S. 2006. Modified Cognitive Complexity Measure. 21th International Symposium on Computer and Information Sciences. Istanbul, Springer. P. 1050-1059.
32	1,5	Nejmeh, B. A. 1988. NPATH: A measure of execution complexity and its applications. Communications of the ACM. Vol. 31, no. 2, p. 188-200.
33	2	Sheppard, S. B., Borst, M. A., e Love, L. T. 1978. Predicting Software Comprehensibility. No. TR-78-388100-2. GENERAL ELECTRIC CO ARLINGTON VA, 1978.
34	2	Sunohara, T., Takano, A., Uehara, K., e Ohkawa, T. 1981. Program Complexity Measure for Software Development Management. Proceedings of the 5th international conference on Software engineering. IEEE Press. p. 100-106.
35	2,5	Katzmarski, B., e Koschke, R. 2012. Program Complexity Metrics and Programmer Opinions. 20th International Conference on Program Comprehension. IEEE. P. 17-26.
36	2	Hindle, A., Godfrey, M. W., & Holt, R. C. (2008, June). Reading beside the lines: Indentation as a proxy for complexity metric. In <i>Program Comprehension, 2008. ICPC 2008. The 16th IEEE International Conference on</i> (pp. 133-142). IEEE.
37	1,5	Auprasert, B., & Limpiyakorn, Y. (2009, March). Structuring Cognitive Information for Software Complexity Measurement. In <i>Computer Science and Information Engineering, 2009 WRI World Congress on</i> (Vol. 7, pp. 830-834). IEEE.
38	1,5	Curtis, B., Sheppard, S. B., e Milliman, P. 1979. Third time charm: Stronger prediction of programmer performance by software complexity metrics. Em Proceedings of the 4th International Conference on Software Engineering. IEEE Press, p. 356-360.