

- S2) Morisio, M., Stamelos, I., Spahos, V., Romano, D., *Measuring functionality and productivity in Web-based applications: a case study*, METRICS '99, Proceedings of the 6<sup>th</sup> International Symposium on Software Metrics, 1999, Page(s): 111 – 118
- S3) Mendes, E., *Investigating metrics for a development effort prediction model of Web applications*, ASWEC'00, Proceedings of the Australian Software Engineering Conference, 2000, Page(s): 31 - 41
- S4) Mendes, E., Counsell, S., *Web development effort estimation using analogy*, ASWEC'00, Proceedings of the Australian Software Engineering Conference, 2000 , Page(s): 203 – 212
- S5) Mendes, E., Hall, W., *Towards the prediction of development effort for Web applications*, HYPERTEXT '00, Proceedings of the ACM Conference on Hypertext , 2000, Page(s): 242 – 243
- S6) Mendes, E., Mosley, N., *Comparing effort prediction models for Web design and authoring using boxplots*, ACSC 2001, Proceedings of the 24<sup>th</sup> Australasian Computer Science Conference, 2001
- S7) Mendes, E., Counsell, S., Mosley N., *Measurement and Effort Prediction for Web Applications*, Lecture Notes in Computer Science, Volume 2016, Web Engineering, 2001, Page(s): 295 – 310
- S8) Mendes, E., Counsell, S., Mosley N., *Towards the prediction of development effort for hypermedia applications*, HYPERTEXT '01: Proceedings of the 12th ACM conference on Hypertext and Hypermedia, 2001
- S9) Mendes, E., Mosley, N., Counsell, S., *A Comparison of Length, Complexity and Functionality as Size Measures for Predicting Web Design and Authoring Effort*, EASE '01, Proceedings of the 2001 Conference on Evaluation and Assessment in Software Engineering, 2001
- S10) Mendes, E., Mosley, N., Counsell, S., *Using an engineering approach to understanding and predicting web authoring and design*, Proceedings of the Hawaii International Conference on System Sciences , 2001, Page(s): 201 – 210
- S11) Mendes, E., Mosley, N., Counsell, S., *Web metrics - estimating design and authoring effort*, IEEE Multimedia, Volume: 8, Issue: 1, 2001 Page(s): 50 – 57
- S14) Mendes, E., Mosley, N., Watson, I., *A Comparison of Case-based Reasoning Approaches to Web Hypermedia Project Cost Estimation*, WWW '02, Proceedings of the 11th International Conference on World Wide Web, 2002, Page(s): 272 – 280
- S15) Mendes, E., Mosley, N., Counsell, S., *Comparison of Web size measures for predicting Web design and authoring effort*, IEE Proceedings - Software, Volume: 149 , Issue: 3, 2002, Page(s): 86 – 92

- S16) Mendes, E., Mosley, N., Counsell, S., *The application of case-based reasoning to early Web project cost estimation*, COMPSAC '02, Proceedings of the 26th Annual International Computer Software and Applications Conference, 2002, Page(s): 393 – 398
- S17) Mendes, E., Watson, I., Triggs, C., Mosley, N., Counsell, S., *A comparison of development effort estimation techniques for Web hypermedia applications*, METRICS '02, Proceedings of the 8<sup>th</sup> IEEE Symposium on Software Metrics, 2002, Page(s): 131 – 140
- S19) Baresi, L., Morasca, S., Paolini P., *Estimating the design effort of Web applications*, METRICS '03, Proceedings of the 9<sup>th</sup> International Symposium on Software Metrics, 2003, Pages: 62 – 72
- S21) Mendes, E., Counsell, S., Mosley, N., *Web hypermedia cost estimation: further assessment and comparison of cost estimation modelling techniques*, The New Review of Hypermedia and Multimedia , Volume: 8 Issue: 1, 2003
- S22) Mendes, E., Mosley, N., Counsell, S., *A replicated assessment of the use of adaptation rules to improve Web cost estimation*, ISESE '03, Proceedings on the International Symposium on Empirical Software Engineering, 2003, Page(s): 100 – 109
- S24) Mendes, E., Mosley, N., Counsell, S., *Early Web size measures and effort prediction for Web costimation*, METRICS '03, Proceedings of the 9<sup>th</sup> International Software Metrics Symposium, 2003, Page(s): 18 – 29
- S25) Mendes, E., Watson, I., Triggs, C., Mosley, N., Counsell, S., *A Comparative Study of Cost Estimation Models for Web Hypermedia Applications*, Empirical Software Engineering, Volume: 8 Issue: 2, 2003, 163 – 196
- S26) Ochoa, S.F., Bastarrica, M.C., Parra, G., *Estimating the development effort of Web projects in Chile*, Proceedings of the First Latin American Web Congress, 2003, Page(s): 114 – 122
- S27) Ruhe, M., Jeffery, R., Wiczorek, I., *Cost estimation for web applications*, ICSE '03, Proceedings on the 25<sup>th</sup> International Conference on Software Engineering, 2003, Page(s): 285 – 294
- S28) Ruhe, M., Jeffery, R., Wiczorek, I., *Using Web objects for estimating software development effort for Web applications*, METRICS '03, Proceedings of the 9<sup>th</sup> International Symposium on Software Metrics, 2003, Page(s): 30 – 37
- S30) Candido, E.J.D. , Sanches, R., *Estimating the size of web applications by using a simplified function point method*, WebMed '04, Proceedings of WebMedia and LA-Web, 2004, Page(s): 98 – 105

- S31) Costagliola, G., Ferrucci, F., Gravino, Tortora, G., Vitiello, G., *A COSMIC-FFP Based Method to Estimate Web Application Development Effort*, Web Engineering , Springer Berlin Heidelberg, 2004, Page(s): 161 – 165
- S32) Kitchenham, B.A., Mendes E., *A comparison of cross-company and within-company effort estimation models for Web applications*, EASE '04, Proceedings of the International Conference on Empirical Assessment in Software Engineering, 2004, Page(s): 47 – 55
- S34) Kitchenham, B.A., Mendes E., *Further comparison of cross-company and within-company effort estimation models for Web applications Software Metrics*, METRICS '04, Proceedings of the 10th International Symposium on Software Metrics , 2004 , Page(s): 348 – 357
- S35) Umbers, P., Miles, G., *Resource estimation for Web applications Software Metrics*, METRICS '04, Proceedings of the 10<sup>th</sup> International Symposium on Software Metrics, 2004 , Page(s): 370 – 381
- S37) Marchetto, A., Trentini, A., *Evaluating web applications testability by combining metrics and analogies*, ICICT '05, Proceedings of the ITI 3<sup>rd</sup> International Conference on Information and Communications Technology, 2005
- S39) Mendes, E., Mosley, N., Counsell, S., *Exploring case-based reasoning for web hypermedia project cost estimation*, International Journal of Web Engineering and Technology , Volume: 2, Issue: 1, 2005
- S40) Mendes, E., Mosley, N., Counsell, S., *Investigating Web size metrics for early Web cost estimation*, Journal of Systems and Software , Volume: 77, Issue: 2, 2005
- S41) Costagliola, G., Di Martino, S., Ferrucci, F., Gravino, C., Tortora, G., Vitiello, G., *A cosmic-ffp approach to predict web application development effort*, Journal of Web Engineering, Volume: 5, Issue: 2, Page(s): 93 – 120, 2006
- S42) Costagliola, G., Di Martino, S., Ferrucci, F., Gravino, C., Tortora, G., Vitiello, G., *Effort estimation modeling techniques: a case study for web applications*, ICWE '06, Proceedings of the 6<sup>th</sup> International Conference on Web Engineering, 2006
- S43) Idri, A., Zahi, A., Abran, A., *Software Cost Estimation by Fuzzy Analogy for Web Hypermedia Applications*, SPPM '06, Proceedings of the International Conference on Software Process and Product Measurement, 2006
- S44) Mendes, E., Mosley, N., Counsell, S., *Web Effort Estimation*, Web Engineering, Springer Berlin Heidelberg, 2006, Page(s) 29 – 73
- S45) Xunmei, G., Guoxin, S., Lihong, X., *Design of a fuzzy decision-making model and its application to software functional size measurement*, CIMCA'06, International Conference on Computational Intelligence for Modelling Control and Automation and International

Conference on Intelligent Agents Web Technologies and International Commerce, 2006, Page(s): 988 – 93

- S46) Abrahão, S., Mendes, E., Gomez, J., Insfran E., *A Model-Driven Measurement Procedure for Sizing Web Applications: Design, Automation and Validation*, Model Driven Engineering Languages and Systems, Springer Berlin Heidelberg, 2007, Page(s): 467 – 48
- S47) Baresi, L., Morasca, S., *Three empirical studies on estimating the design effort of Web applications*, ACM Transactions on Software Engineering and Methodology, Volume: 16, Issue: 4, 2007
- S48) Di Martino, S., Ferrucci, F., Gravino, C., Mendes, E., *Comparing Size Measures for Predicting Web Application Development Effort: A Case Study*, ESEM '07, Proceedings of the 1<sup>st</sup> International Symposium on Empirical Software Engineering and Measurement, 2007, Page(s): 324 – 333
- S49) Chae, H.S., Kim, T.Y., Jung, W., Lee, J., *Using Metrics for Estimating Maintainability of Web Applications: An Empirical Study*, ICIS 2007, 6th IEEE/ACIS International Conference on Computer and Information Science, 2007, Page(s): 1053 – 1059
- S50) Idri, A., Zakrani, A., Elkoutbi, M., Abran, A., *Fuzzy Radial Basis Function Neural Networks for Web Applications Cost Estimation*, IIT '07, Proceedings of the 4<sup>th</sup> International Conference on Innovations in Information Technology, 2007, Page(s): 576 – 580
- S51) Mendes, E., *A Comparison of Techniques for Web Effort Estimation*, ESEM '07, First International Symposium on Empirical Software Engineering and Measurement, 2007, Page(s): 334 – 343
- S52) Mendes, E., *Predicting Web Development Effort Using A Bayesian Network*, EASE '07, Proceedings of the International Conference on Empirical Assessment in Software Engineering, 2007, Page(s): 83 – 93
- S53) Mendes, E., *The use of a Bayesian network for web effort estimation*, ICWE '07, Proceedings of the 7th International Conference on Web Engineering, 2007
- S54) Mendes, E., Di Martino, S., Ferrucci, F., Gravino, C., *A replicated study comparing web effort estimation techniques*, WISE'07, Proceedings of the 8<sup>th</sup> International Conference on Web Information Systems Engineering, 2007
- S55) Mendes, E., Di Martino, S., Ferrucci, F., Gravino, C., *Effort estimation: how valuable is it for a web company to use a cross-company data set, compared to using its own single-company data set?*, WWW '07, Proceedings of the 16th International Conference on the World Wide Web, 2007

- S56) Reddy, S., Raju, K., Srinivas, T., Devi, G.L., *A neural network approach for web cost estimation*, SEA '07, Proceedings of the 11<sup>th</sup> IASTED International Conference on Software Engineering and Applications, 2007
- S57) Sneed, H.M., Huang, S., *Sizing Maintenance Tasks for Web Applications*, CSMR '07, Proceedings of the 11<sup>th</sup> European Conference on Software Maintenance and Reengineering, 2007
- S58) Aggarwal, N., Prakash, N., Sofat, S., *Content management system effort estimation model based on object point analysis*, International Journal of Computer Science and Engineering Volume: 2, Issue: 4, 2008, Page(s): 194 – 201
- S62) Ferrucci, F., Gravino, C., Di Martino, S., *A Case Study Using Web Objects and COSMIC for Effort Estimation of Web Applications*, Proceedings of the 34<sup>th</sup> Euromicro Conference on Software Engineering and Advanced Applications, 2008. SEAA '08, 2008 , Page(s): 441 – 448
- S63) Hooi, T.C., Yusoff, Y., Hassan, Z., *Comparative Study on Applicability of WEBMO in Web Application Cost Estimation within Klang Valley in Malaysia*, CIT '08, IEEE 8th International Conference on Computer and Information Technology Workshops, 2008, Page(s): 116 – 121
- S64) Idri, A., Zahi, A., Mendes, E., Zakrani, A., *Software Cost Estimation Models Using Radial Basis Function Neural Networks*, Software Process and Product Measurement, Springer Berlin Heidelberg, 2008, Page(s): 21 – 31
- S65) Mendes, E., *The Use of Bayesian Networks for Web Effort Estimation: Further Investigation*, ICWE '08, Proceedings of the 8<sup>th</sup> International Conference on Web Engineering, 2008, Page(s): 203 – 216
- S66) Mendes, E., Mosley, N., *Bayesian Network Models for Web Effort Prediction: A Comparative Study*, TSE '08, IEEE Transactions on Software Engineering, Volume: 34, Issue: 6, 2008, Page(s): 723 – 737
- S67) Mendes, E., Di Martino, S., Ferrucci, F., Gravino, C., *Cross-company vs. single-company web effort models using the Tukutuku database: An extended study*, Journal of Systems and Software , Volume: 81, Issue: 5, 2008
- S69) Aggarwal, N., Prakash, N., Sofat, S., *Web hypermedia content management system effort estimation model*, SIGSOFT Software Engineering Notes , Volume: 34, Issue: 2, 2009
- S70) Barabino, G., Porruvecchio, G., Concas, G., Marchesi, M., De Lorenzi, R., Giaccardi, M., *An Empirical Comparison of Function Points and Web Objects*, CiSE 2009, International Conference on Computational Intelligence and Software Engineering, 2009, Page(s) 1 – 4

- S71) Corazza, A., Di Martino, S., Ferrucci, F., Gravino, C., Mendes, E., *Using Support Vector Regression for Web Development Effort Estimation*, IWSM '09 /Mensura '09, Proceedings of the International Conferences on Software Process and Product Measurement, 2009
- S72) Corazza, A., Di Martino, S., Ferrucci, F., Gravino, C., Mendes, E., *Applying support vector regression for web effort estimation using a cross-company dataset*, ESEM '09, Proceedings of the 3<sup>rd</sup> International Symposium on Empirical Software Engineering and Measurement, 2009 , Page(s): 191 – 202
- S74) Di Martino, S., Gravino, C., *Estimating web application development effort using COSMIC-FFP method*, International Journal of Computers and Applications, Volume: 31, Issue: 3, 2009, Page(s): 153 – 158
- S75) Di Martino, S., Ferrucci, F., Gravino, C., *An empirical study on the use of web-cobra and web objects to estimate web application development effort*, Web Engineering, Springer Berlin Heidelberg, 2009, Page(s): 213 – 220
- S76) Di Martino, S., Ferrucci, F., Gravino, C., Mendes, E., *Measures and techniques for effort estimation of web applications: An empirical study based on a single-company dataset*, Journal of Web Engineering, Volume: 8, Issue: 2, 2009, Page(s): 154 – 181
- S77) Ferrucci, F., Gravino, C., Di Martino, S., *Estimating Web Application Development Effort Using Web-COBRA and COSMIC: An Empirical Study*, . SEAA '09, Proceedings of the 35<sup>th</sup> Euromicro Conference on Software Engineering and Advanced Applications, 2009, Page(s): 306 – 312
- S80) Marchetto, A., *OQMw: An OO quality model for web applications*, Tamkang Journal of Science and Engineering, Volume: 12, Issue: 4, 2009, Page(s): 459 – 470
- S81) Mendes, E., *Web Cost Estimation and Productivity Benchmarking*, Software Engineering, Lecture Notes in Computer Science, Springer Berlin/Heidelberg, 2009, Page(s): 194 – 222
- S82) Abrahão, S., Gómez, J., Insfran, E., *Validating a size measure for effort estimation in model-driven Web development*, Information Sciences: an International Journal , Volume: 180, Issue: 20, 2010
- S83) Baker, S., Mendes, E., *Aggregating Expert-Driven Causal Maps for Web Effort Estimation*, Advances in Software Engineering, Communications in Computer and Information Science, Springer Berlin/Heidelberg, 2010, Page(s): 264 – 282
- S84) Corazza, A., Di Martino, S., Ferrucci, F., Gravino, C., Sarro, F., Mendes, E., *How effective is Tabu search to configure support vector regression for effort estimation?*, PROMISE '10, Proceedings of the 6<sup>th</sup> International Conference on Predictive Models in Software Engineering, 201

- S85) Ferrucci, F., Gravino, C., Oliveto, R., Sarro, F., Mendes, E., *Investigating Tabu Search for Web Effort Estimation*, SEAA '10, Proceedings of the 36th EUROMICRO Conference on Software Engineering and Advanced Applications, 2010, Page(s): 350 – 357
- S87) Lazić, L., Mastorakis, N.E., *Two novel effort estimation models based on quality metrics in web projects*, WSEAS Transactions on Information Science and Applications, Volume: 7, Issue: 7, 2010
- S89) Abdelali Z., Idri, A., *Applying radial basis function neural networks based on fuzzy clustering to estimate web applications effort*, International Review on Computers and Software, Volume: 5, Issue: 5, 2010, Page(s): 516 – 524
- S90) Corazza, A., Di Martino, S., Ferrucci, F., Gravino, C., Mendes, E., *Investigating the use of Support Vector Regression for web effort estimation*, Empirical Software Engineering, Volume: 16, Issue: 2, 2010, Page(s): 211 – 243
- S91) Corazza, A., Di Martino, S., Ferrucci, F., Gravino, C., Sarro, F., Mendes, E., *Using tabu search to configure support vector regression for effort estimation*, Empirical Software Engineering, Springer Netherlands, 2011, Page(s): 1 – 41
- S92) Das, S.S., Devadutta, K., Swain, S.K., Kumar, S., *Web Components as a measure for estimating Effort and Size of Web Applications*, International Journal of Computer Science and Information Technologies, Volume: 2, Issue: 3, 2011, Page(s) 1137 – 1143
- S93) Di Martino, S., Ferrucci, F., Gravino, C., Sarro, F., *Using web objects for development effort estimation of web applications: a replicated study*, Product-Focused Software Process Improvement, Lecture Notes in Computer Science, Springer Berlin/Heidelberg, 2011, Page(s): 186 – 201
- S96) Folgieri, R., Barabino, G., Concas, G., Corona, E., De Lorenzi, R., Marchesi, M., Segni, A., *A revised web objects method to estimate web application development effort*, WETSoM '11, Proceedings of the 2nd International Workshop on Emerging Trends in Software Metrics, 2011, Page(s): 59 – 64
- S97) Mendes, E., *Knowledge representation using Bayesian networks - A case study in Web effort estimation*, World Congress on Information and Communication Technologies, 2011, Page(s): 612 – 617
- S98) Prakanchaen, S., *Web based application maintenance cost estimation modeling using Bayesian SEM*, Advanced Materials Research, Volumes 403 – 408, 2011, Page(s): 3704 – 3708
- E1) Abran, A., Silva, I., Primera, L., *Field Studies using functional size measurement in building estimation models for software maintenance*, Journal of Software Maintenance and Evolution: Research and Practice, Volume: 14, Issue: 1, 2002, Page(s): 31 – 64

- E2) Mendes, E., Mosley, N., *Web Metrics and Development Effort Prediction*, ACOSM '00, Proceedings of the Australian Conference on Software Measurement, 2000
- E3) Nageswaran S., *Test Effort Estimation Using Use Case Points*, Proceedings of Quality Week 2001, 2001
- E4) Baresi, L., Morasca, S., Paolini, P., *An Empirical Study on the Design Effort of Web Applications*, WISE '02, Proceedings of the 3<sup>rd</sup> International Conference on Web Information Systems Engineering, 2002, Page(s): 345 – 35
- E5) Fewster, R., Mendes, E., *Measurement, Prediction and Risk Analysis for Web Applications*, METRICS '01, Proceedings of the 7<sup>th</sup> International Software Metrics Symposium, 2001, Page(s): 338 – 348
- E6) Fewster, R., Mendes, E., *Empirical Evaluation and Prediction of Web Applications' Development Effort*, EASE '00, Proceedings of the International Conference on Empirical Assessment in Software Engineering, 2000
- E7) Mendes, E., Pollino, C., Mosley, N., *Building an Expert-based Web Effort Estimation Model using Bayesian Networks*, EASE '09, Proceedings of the 13th International Conference on Empirical Assessment in Software Engineering, 2009