

REFERENCES

- Adler, J., & Parmryd, I. (2010). Quantifying colocalization by correlation: The pearson correlation coefficient is superior to the Mander's overlap coefficient. *Cytometry Part A*. <https://doi.org/10.1002/cyto.a.20896>
- Andrat, H., & Jaswal, S. (2016). An alternative approach for risk assessment in Scrum. *2015 International Conference on Computing and Network Communications, CoCoNet 2015*, 535–539. <https://doi.org/10.1109/CoCoNet.2015.7411239>
- Asiamah, N., Mensah, H. K., & Oteng-Abayie, E. F. (2017). General, target, and accessible population: Demystifying the concepts for effective sampling. *Qualitative Report*, 22(6), 1607–1621.
- Azizyan, G., Magarian, M. K., & Kajko-Mattson, M. (2011). Survey of agile tool usage and needs. *Proceedings - 2011 Agile Conference, Agile 2011*. <https://doi.org/10.1109/AGILE.2011.30>
- Bass, J. M. (2015). How product owner teams scale agile methods to large distributed enterprises. *Empirical Software Engineering*. <https://doi.org/10.1007/s10664-014-9322-z>
- Boehm, B., & Turner, R. (2004). Balancing agility and discipline: Evaluating and integrating agile and plan-driven methods. *Proceedings - International Conference on Software Engineering*, 26, 718–719. <https://doi.org/10.1109/icse.2004.1317503>
- Bukohwo, E. M. (2015). Risk model for software development personnel. *Lecture Notes in Engineering and Computer Science*, 1, 195–200.
- C. Lee, R. (2012). The Success Factors of Running Scrum: A Qualitative Perspective. *Journal of Software Engineering and Applications*, 05(06), 367–374. <https://doi.org/10.4236/jsea.2012.56043>
- Clark, V. (1991). Sample size determination. *Plastic and Reconstructive Surgery*, 87(3), 569–573. <https://doi.org/10.1097/00006534-199103000-00030>
- Davis, R. B., & Mukamal, K. J. (2006). Hypothesis testing: Means. *Circulation*, 114(10), 1078–1082. <https://doi.org/10.1161/CIRCULATIONAHA.105.586461>
- Dickson, A., Adu-Agyem, J., & Emad Kamil, H. (2018). Theoretical and conceptual framework: mandatory ingredients of a quality research. *International Journal of Scientific Research*, 7(1), 438–441.
- Flannelly, L. T., Flannelly, K. J., & Jankowski, K. R. B. (2014). Independent, Dependent, and Other Variables in Healthcare and Chaplaincy Research. *Journal of Health Care Chaplaincy*, 20(4), 161–170. <https://doi.org/10.1080/08854726.2014.959374>
- Gold, B., & Vassell, C. (2016). Using risk management to balance agile methods: A study of the Scrum process. *Conference Proceedings of 2015 2nd International Conference on Knowledge-Based Engineering and Innovation, KBEI 2015*.

<https://doi.org/10.1109/KBEI.2015.7436020>

Hammad, M., & Inayat, I. (2019). Integrating risk management in scrum framework. *Proceedings - 2018 International Conference on Frontiers of Information Technology, FIT 2018*, 158–163. <https://doi.org/10.1109/FIT.2018.00035>

Hanslo, R., Mnkandla, E., & Vahed, A. (2019). Factors that contribute significantly to scrum adoption. *Proceedings of the 2019 Federated Conference on Computer Science and Information Systems, FedCSIS 2019*, 18, 813–821. <https://doi.org/10.15439/2019F220>

Hetti Arachcige Sanjeewa. (2013). The impact of the effective use of agile methodology for the success of soft weare developments projects in sri lanka. (May). <https://doi.org/10.31357/fmscmst.2013.00301>

Hizazi, H., Arshad, N. H., Mohamed, A., & Nor, Z. M. (2014). Risk Factors in Software Development Phases. *European Scientific Journal*, 10(3), 213–232.

Hoda, R. (2011). Self-Organizing Agile Teams : A Grounded Theory. *Learning*.

Holzmann, V., & Panizel, I. (2013). Communications management in scrum projects. *7th European Conference on Information Management and Evaluation, ECIME 2013*.

Hossain, E., Babar, M. A., Paik, H. Y., & Verner, J. (2009). Risk identification and mitigation processes for using scrum in global software development: A conceptual framework. *Proceedings - Asia-Pacific Software Engineering Conference, APSEC*. <https://doi.org/10.1109/APSEC.2009.56>

Humpage, S. (2000). An introduction to regression analysis. *Sensors (Peterborough, NH)*, 17(9), 68–74. <https://doi.org/10.1002/9781118267912.ch6>

IARM. (2014). *Agile Risk Management and Scrum Embrace Risk: an agile approach to risk management*. 14.

Jabeen, R., & Awan, M. D. (2016). Role of Risk Management in Scrum. *Communications on Applied Electronics*, 4(6), 18–22. Retrieved from <http://www.caeaccess.org/research/volume4/number6/jabeen-2016-cae-652116.pdf>

Kamal, R., Dahiya, P., & Puri, A. (2012). Oral pyogenic granuloma: Various concepts of etiopathogenesis. In *Journal of Oral and Maxillofacial Pathology* (Vol. 16). <https://doi.org/10.4103/0973-029x.92978>

Kautz, K. (2009). Customer and user involvement in agile software development. *Lecture Notes in Business Information Processing*, 31 LNBIP, 168–173. https://doi.org/10.1007/978-3-642-01853-4_22

Loeb, S., Dynarski, S., McFarland, D., Morris, P., Reardon, S., & Reber, S. (2017). Descriptive analysis in education: A guide for researchers. *U.S. Department of Education, Institute of Education Sciences. National Center for Education Evaluation and Regional Assistance*,

- (March), 1–40. <https://doi.org/10.1094/PDIS.2003.87.5.550>
- Morse, J. M. (2000). Determining Sample Size. *Qualitative Health Research*, 10(1), 3–5. <https://doi.org/10.1177/104973200129118183>
- Mousaei, M., & Javdani, T. (2018). A New Project Risk Management Model based on Scrum Framework and Prince2 Methodology. *International Journal of Advanced Computer Science and Applications*, 9(4). <https://doi.org/10.14569/IJACSA.2018.090461>
- Myklebust, T., Stålhane, T., Hanssen, G. K., Wien, T., & Haugset, B. (2014). Scrum, documentation and the IEC 61508-3: 2010 Software standard. *PSAM 2014 - Probabilistic Safety Assessment and Management*.
- Nelson, C. R., Taran, G., & De Lascurain Hinojosa, L. (2008). Explicit risk management in agile processes. *Lecture Notes in Business Information Processing*, 9 LNBIP, 190–201. https://doi.org/10.1007/978-3-540-68255-4_20
- Nogueira, M., Machado, R., Nogueira, M., Machado, R., Process, R., & Projects, S. (2016). *Importance of Risk Process in Management Software Projects in Small Companies To cite this version : HAL Id : hal-01387897 Importance of Risk Process in Management Software Projects in Small Companies*.
- Noll, J., Razzak, M. A., Bass, J. M., & Beecham, S. (2017). A study of the scrum master's role. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*. https://doi.org/10.1007/978-3-319-69926-4_22
- Overhage, S., Schlauderer, S., Birkmeier, D., & Miller, J. (2011). What Makes IT personnel adopt scrum? A framework of drivers and inhibitors to developer acceptance. *Proceedings of the Annual Hawaii International Conference on System Sciences*. <https://doi.org/10.1109/HICSS.2011.493>
- Paasivaara, M., & Lassenius, C. (2016). Scaling scrum in a large globally distributed organization: A case study. *Proceedings - 11th IEEE International Conference on Global Software Engineering, ICGSE 2016*. <https://doi.org/10.1109/ICGSE.2016.34>
- Perera, C., & Perera, I. (2019). The Impact of Client Involvement towards Agile Project Success in Sri Lankan Software Industry. *MERCon 2019 - Proceedings, 5th International Multidisciplinary Moratuwa Engineering Research Conference*. <https://doi.org/10.1109/MERCon.2019.8818800>
- Ranasinghe, R. K. C., & Perera, I. (2015). Effectiveness of scrum for offshore software development in Sri Lanka. *MERCon 2015 - Moratuwa Engineering Research Conference*, 306–311. <https://doi.org/10.1109/MERCon.2015.7112364>
- Reddaiah, B., Ravi, S., & Movva, L. (2013). Risk Management Board for Effective Risk Management in Scrum. *International Journal of ...*, 65(12), 16–23. Retrieved from <http://search.proquest.com/openview/095ab4c801f291707191c9eb4bab1333/1?pq->

origsite=gscholar

Sachdeva, S. (2016). Scrum Methodology. *International Journal Of Engineering And Computer Science*, 5(16792), 16792–16800. <https://doi.org/10.18535/ijecs/v5i6.11>

Sarigiannidis, L., & Chatzoglou, P. D. (2011). Software Development Project Risk Management: A New Conceptual Framework. *Journal of Software Engineering and Applications*, 04(05), 293–305. <https://doi.org/10.4236/jsea.2011.45032>

Sarstedt M, Mooi, E. (2014). A Concise Guide to Market Research - Chapter 7 Regression Analysis. In *Springer Texts in Business and Economics*. <https://doi.org/10.1007/978-3-642-53965-7>

Sawyer, S. F. (2009). Analysis of Variance: The Fundamental Concepts. *Journal of Manual & Manipulative Therapy*, 17(2), 27E-38E. <https://doi.org/10.1179/jmt.2009.17.2.27e>

Schwaber, K., & Sutherland, J. (2017). The Scrum Guide: The Definitive The Rules of the Game. *Scrum.Org and ScrumInc*, (November), 19. <https://doi.org/10.1053/j.jrn.2009.08.012>

Schwindt, C., & Zimmermann, J. (2015). Handbook on project management and scheduling vol. 2. *Handbook on Project Management and Scheduling Vol. 2*, 2, 1–1406. <https://doi.org/10.1007/978-3-319-05915-0>

SLASSCOM. (2020). SLASSCOM. Retrieved February 2, 2020, from <https://slasscom.lk/sri-lanka-advantage>

Strode, D. E., Huff, S. L., & Tretiakov, A. (2009). The impact of organizational culture on agile method use. *Proceedings of the 42nd Annual Hawaii International Conference on System Sciences, HICSS*, (January). <https://doi.org/10.1109/HICSS.2009.436>

Suresh, K., & Dillibabu, R. (2018). Designing a Machine Learning Based Software Risk Assessment Model Using Naïve Bayes Algorithm. *TAGA Journal*, 14, 3141–3147.

Sutherland, J., & Ahmad, N. (2011). *How a Traditional Project Manager Transforms to Scrum: PMBOK vs. Scrum*. 1–7.

Taber, K. S. (2018). The Use of Cronbach's Alpha When Developing and Reporting Research Instruments in Science Education. *Research in Science Education*, 48(6), 1273–1296. <https://doi.org/10.1007/s11165-016-9602-2>

Talal Alharbi, E., & Jameel Qureshi, M. R. (2014). Implementation of Risk Management with SCRUM to Achieve CMMI Requirements. *International Journal of Computer Network and Information Security*, 6(11), 20–25. <https://doi.org/10.5815/ijcnis.2014.11.03>

Tanner, M., & Von Willingh, U. (2014). Factors Leading To the Success and Failure of Agile Projects Implemented in Traditionally Waterfall Environments. *Human Capital without Border: Knowledge and Learning for Quality of Life. Management, Knowledge and Learning International Conference 2014*.

- Tavares, Breno G., Da Silva Eduardo, C., & De Souza, A. (2017). Risk management in scrum projects: A bibliometric study. *Journal of Communications Software and Systems*, 13(1), 1–8. <https://doi.org/10.24138/jcomss.v13i1.241>
- Tavares, Breno G., Silva, C. E. S. da, & Souza, A. D. de. (2016). Analysis of Scrum practices for risk treatment. *Product Management & Development*, 14(1), 38–46. <https://doi.org/10.4322/pmd.2016.006>
- Tavares, Breno Gontijo, da Silva, C. E. S., & de Souza, A. D. (2017). Risk management analysis in Scrum software projects. *International Transactions in Operational Research*, (December). <https://doi.org/10.1111/itor.12401>
- Tavares, Breno Gontijo, Da Silva, C. E. S., & De Souza, A. D. (2019). Practices to Improve Risk Management in Agile Projects. *International Journal of Software Engineering and Knowledge Engineering*, 29(3). <https://doi.org/10.1142/S0218194019500165>
- Ugoni, A., & Walker, B. (1995). THE t TEST: An Introduction. *COMSIG Review*, 4(2), 37–40. Retrieved from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2050377/pdf/cr042-037b.pdf>
- Uikey, N., & Suman, U. (2015). Risk Based Scrum Method: A Conceptual Framework. *Proceedings of the 9th INDIACOM*, (March), 4120–4125.
- Zikmund, W. G., Babin, B. J., Carr, J. C., & Griffin, M. (2012). *Applied Research Textbook*. 668.