DAFTAR PUSTAKA

Artaya, I. P. (2018). *Metode Analisis Penelitian Kualitatif – Uji Persepsi Dengan Mann Whitney-U Test*. (December), 21–29.

Azies, H. Al. (2019). *Analisis MANOVA (Multivariate Analysis Of Variance) pada Data Faktor-Faktor yang Mempengaruhi Jumlah Benzoic Acid (BA) Dan Phthalide (PL) yang Dihasilkan Akibat Proses Destilasi Phtalic Anhydride (PA)*. 1–6.

Babulak, E., & Wang, M. (2010). *Discrete Event Simulation: State of the Art, Discrete Event Simulations*.

Bahrami, B., Aghezzaf, E.-H., & Limere, V. (2016). Using Simulation to Improve Performance of a Real World Distribution Center. *IFAC-PapersOnLine*, *49*(12), 1874–1879.

Banks, J., Carson, J. S., Nelson, B. L., & Nicol, D. M. (2010). *Discrete Event System Simulation* (5th ed.). Pearson Education, Inc.

Becker, K. H. (2016). An outlook on behavioural OR – Three tasks, three pitfalls, one definition. *European Journal of Operational Research*, *249*(3), 806–815.

Bell, P. C., & O'Keefe, R. M. (1987). Visual Interactive Simulation - History , recent developments , and major issues. *Simulation*, 109–116.

Booker, M. T., O'Connell, R. J., Desai, B., & Duddalwar, V. A. (2016). Quality Improvement with Discrete Event Simulation: A Primer for Radiologists. *Journal of the American College of Radiology*, *13*(4), 417–423.

Borshchev, A., & Filippov, A. (2004). From System Dynamics and Discrete Event to Practical Agent Based Modeling: Reasons, Techniques, Tools. *The 22nd International Conference of the System Dynamics Society*.

Brocklesby, J. (2016). The what , the why and the how of behavioural operational research — An invitation to potential sceptics. *European Journal of Operational Research*, *249*(3), 796–805.

Brown, J. D. (2013). Chi-square and Related Statistics for 2 × 2 Contingency Tables. *Shiken Research Bulletin*, *17*(1), 33–40.

Campbell, D. T., & Stanley, J. C. (1963). *Experimental and Quasi-Experimental Designs for Research*. Houghton Mifflin Company.

Chi, M. T. H., Glaser, R., & Rees, E. (1982). Expertise in Problem Solving. In *Advances in the Psychology of Human Intelligence* (pp. 7–75). Hillsdale: NJ: Erlbaum.

Cluj-napoca, U. T., Sestras, A. F., & Sestras, R. E. (2011). Pearson-Fisher Chi-Square Statistic Revisited. *Information*, *2*, 528–545.

Ellis, R. K. (2015). How to Improve Knowledge Translation of Qualitative Research into Clinical Practice. *International Journal of Nursing Student Scholarship*, *2*(4), 1–10.

Field, A. (2009). *Discovering Statistics Using SPSS* (3rd ed.). London: Sage Publication.

Franco, L. A., & Hämäläinen, R. P. (2015). Behavioural operational research : Returning to the roots of the OR profession. *European Journal of Operational Research*, (October 2015), 1–11.

Franco, L. A., Rouwette, E. A. J. A., & Korzilius, H. (2016). Different paths to consensus ? The impact of need for closure on model-supported group conflict management. *European Journal of Operational Research*, *249*, 878–889.

Fry, J., Binner, J. M., Road, E. P., & Birmingham, B. (2016). Elementary modelling and behavioural analysis for emergency evacuations using social media. *European*

Journal of Operational Research, *249*(3), 1014–1023.

Gino, F., & Pisano, G. (2008). Toward a Theory of Behavioral Operations. *Manufacturing & Service Operations Management*, *10*(4), 676–691.

Gogi, A. (2016). *Insight Generation in Simulation Studies : An Empirical Exploration*. Loughborough University.

Gogi, A., Tako, A. A., & Robinson, S. (2016). An experimental investigation into the role of simulation models in generating insights. *European Journal of Operational Research*, *249*(3), 931–944.

Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2014). *Multivariate Data Analysis* (7th ed.). United States of America.

Hämäläinen, R. P. (2015). Behavioural issues in environmental modelling e The missing perspective. *Environmental Modelling & Software*, *73*, 244–253.

Hämäläinen, R. P., Luoma, J., & Saarinen, E. (2013). *On the importance of behavioral operational research : The case of understanding and communicating about dynamic systems On the importance of behavioral operational research : The case of understanding and communicating about dynamic systems*. (December 2017).

Hersetiawan, A., Sunggoro, A. M., Alsana, S., Puspita, S., Pramudita, S. I., & Gani, Y. A. B. (2019). *Simulasi Student Corner UGM menggunakan Software Flexsim*.

Hillier, F. S., & Lieberman, G. J. (2001). *Introduction to Operations Research* (7th Ed.). Mc Graw-Hill.

Hoffman, J. I. E. (2015). Hypergeometric Distribution. *Biostatistics for Medical and Biomedical Practitioners*, 179–182.

Jarernram, J., & Samattapapong, N. (2018). *Parallel Machine Scheduling using Simulation Software*. (March).

Junaidi, J. (2010). *Prosedur Uji Chi-Square*.

Kennedy, D. M., Sommer, S. A., & Anh, P. (2017). Optimizing multi-team system behaviors : Insights from modeling team communication. *European Journal of Operational Research*, *258*(1), 264–278.

Khotimah, B. K. (2015). *Teori Simulasi dan Pemodelan: Konsep, Aplikasi dan Terapan*.

Kozleski, E. B. (2017). The Uses of Qualitative Research : Powerful Methods to Inform Evidence-Based Practice in Education. *Research and Practice for Persons with Severe Disabilities*, *42*(1), 19–32.

Kunc, Martin, Harper, P., Katsikopoulos, K., Kunc, M., Harper, P., & Katsikopoulos, K. (2018). A review of implementation of behavioural aspects in the application of OR in healthcare. *Journal of the Operational Research Society*, *71*(7), 1055–1072.

Kunc, Marting, Malpass, J., & White, L. (2016). *Behavioral Operational Research: Theory, Methodology and Practice*. Macmillan Publishers Ltd. London.

Law, A. M., & Kelton, W. D. (1991). *Simulation Modeling & Analysis* (Second Edi).

Leemis, L., & Park, S. (2004). *Discrete-Event Simulation: A First Course*.

Levy, Y., & Ellis, T. J. (2011). A Guide for Novice Researchers on Experimental and Quasi-Experimental Studies in Information Systems Research. *Interdisciplinary Journal of Information, Knowledge, and Management*, *6*.

Loewen, S., & Plonsky, L. (2016). *An A-Z of Applied Linguistics Research Methods*.

Luoma, J. (2016). Model-based organizational decision making : A behavioral lens. *European Journal of Operational Research*, *249*(3), 816–826.

Lyeme, H., & Seleman, M. A. (2012). *Introduction to Operations Research : Theory and Applications*. LAP LAMBERT Academic Publishing.

Mcnamara, D. S., & Kintsch, W. (1996). Learning from Texts : Effects of Prior Knowledge and Text Coherence. *Discourse Processes*, *22*(3), 247–288.

Mohajan, H. K. (2018). Qualitative Research Methodology in Social Sciences and

Related Subjects. *Journal of Economic Development, Environment and People*, *7*(1), 22–48.

Monks, T., Robinson, S., & Kotiadis, K. (2014). Learning from discrete-event simulation : Exploring the high involvement hypothesis. *European Journal of Operational Research*, *235*(1), 195–205.

Monks, T., Robinson, S., & Kotiadis, K. (2016). Can involving clients in simulation studies help them solve their future problems ? A transfer of learning experiment. *European Journal of Operational Research*, *249*(3), 919–930.

Moreno, R. (2004). Decreasing Cognitive Load for Novice Students : Effects of Explanatory versus Corrective Feedback in Discovery-Based Multimedia. *Instructional Science*, *32*(1–2), 99–113.

Murthy, P. R. (2007). *Operations Research* (Second Edi). New Delhi: New Age International Publishers.

North, C. (2006). Toward Measuring Visualization Insight. *IEEE Computer Graphics and Applications*, (June), 6–9.

O'Keefe, R. M. (2016). Experimental behavioural research in operational research : What we know and what we might come to know. *European Journal of Operational Research*, *249*(3), 899–907.

Omogbai, O., & Salonitis, K. (2016). Manufacturing system lean improvement design using discrete event simulation. *Procedia CIRP*, *00*(January 2017), 195–200.

Prajapat, N., Waller, T., Young, J., & Tiwari, A. (2016). Layout Optimization of a Repair Facility Using Discrete Event Simulation. *Procedia CIRP*, *56*, 574–579.

Rizqi, Z. U., & Aulia, R. (2019). *Evaluation of Redesign Layout Using Discrete Event Simulation (DES)*. 3203–3211.

Rogers, J., & Revesz, A. (2019). *Experimental and quasi-experimental designs*. (July).

Scott, R. J., Cavana, R. Y., & Cameron, D. (2016). Recent evidence on the effectiveness of group model building. *European Journal of Operational Research*, *249*(3), 908–918.

Setia, R. A. (2014). *Penerapan Model Pembelajaran Kooperatif Tipe Numbered Heads Together (NHT) Terhadap Kemampuan Berpikir Kritis Peserta Didik Pada Mata Pelajaran Kearsipan* (Universitas Pendidikan Indonesia).

Shadish, W. R., Cook, T. D., & Campbell, D. T. (2002). *Experimental and Quasi-Experimental Designs for Generalized Causal Inference*. Houghton Mifflin Company.

Sharda, B., & Akiya, N. (2012). Selecting make-to-stock and postponement policies for different products in a chemical plant: A case study using discrete event simulation. *International Journal of Production Economics*, *136*(1), 161–171.

Sharma, P. (2015). *Discrete-Event Simulation*. *4*(04), 136–140.

Sriwidadi, T. (2011). Penggunaan Uji Mann-Whitney Pada Analisis Pengaruh Pelatihan Wiraniaga Dalam Penjualan produk Baru. *Binus Business Review*, *2*(2), 751–762.

Subali, B. (2011). Randomisasi dalam Penelitian. In *Metode Penelitian Biologi* (pp. 16–32). Universitas Negeri Yogyakarta.

Suresh, K. P., & Chandrashekara, S. (2012). Sample Size Estimation and Power Analysis for Clinical Research Studies. *Journal of Human Reproductive Sciences*, *5*(1), 7–13.

Taha, H. A. (2007). *Operations Research: An Introduction* (8th Ed.). Pearson Prentice Hall.

Taherdoost, H. (2016). Sampling Methods in Research Methodology; How to Choose a Sampling Technique for Research. *International Journal of Academic Research in Management (IJARM)*, *5*(September 2017), 18–27.

Tako, A. A., & Robinson, S. (2010). Model development in discrete-event simulation and system dynamics : An empirical study of expert modellers. *European Journal of Operational Research*, *207*(2), 784–794.

Thompson, J. P., Howick, S., & Belton, V. (2016). Critical Learning Incidents in system dynamics modelling engagements. *European Journal of Operational Research*, *249*(3), 945–958.

Topolinski, S., & Reber, R. (2010). *Gaining Insight Into the ‘“ Aha ”’ Experience*.

Velez-castiblanco, J., Brocklesby, J., & Midgley, G. (2016). Boundary games : How teams of OR practitioners explore the boundaries of intervention. *European Journal of Operational Research*, *249*(3), 968–982.

Vreede, G. De, & Verbraeck, A. (1996). Animating organizational processes Insight eases change. *Simulation Practice and Theory*, *4*, 245–263.

Wenzel, S., & Jessen, U. (2001). The Integration of 3-D Visualization into the Simulation-based Planning Process of Logistics Systems. *Simulation*, *77:3-4*, 114–127.

White, K. P., & Ingalls, R. G. (2009). Introduction to Simulation. *Proceeding of the 2009 Winter Simulation Conference*, (April).

White, L. (2016). Behavioural operational research : Towards a framework for understanding behaviour in OR interventions. *European Journal of Operational Research*, *249*(3), 827–841.

White, L., Burger, K., & Yearworth, M. (2016). Understanding behaviour in problem structuring methods interventions with activity theory. *European Journal of Operational Research*, *249*(3), 983–1004.

Wibowo, A. (2007). Uji Chi-Aquare pada Statistika dan SPSS. *Jurnal Ilmiah SINUS*, 37–46.

Yates, F. (1934). Contingency Tables Involving Small Numbers and the χ2 Test. *Journal of the Royal Statistical Society*, *1*(2), 217–235.

Yeonjoo, J., Donkers, J., Jarodzka, H., & Merriënboer, J. J. G. Van. (2019). How Prior Knowledge Affects Problem-Solving Performance in a Medical Simulation Game: Using Game-logs and Eye-tracking. *Computers in Human Behavior*, *99*(April), 268–277.