

Decision Tree Approach to Classify and Quantify Cumulative Productivity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Small Town, Big Benefits: The Ripple Effect of 7/day Child Care*. Canadian Review of Sociology, 2006, 43, 125-140.	0.6	11
2	A fuzzy system for evaluating the risk of change in construction projects. Advances in Engineering Software, 2006, 37, 583-591.	1.8	45
3	Hybrid System Dynamics and Discrete Event Simulation for Construction Management. , 2007, , .		19
4	An integrated system for change management in construction. Automation in Construction, 2007, 16, 368-377.	4.8	110
5	Identifying the Effects of Soil and Climate Types on Seasonal Variation of Pavement Roughness Using MML Inference. Journal of Computing in Civil Engineering, 2008, 22, 90-99.	2.5	0
6	Assessing Residual Value of Heavy Construction Equipment Using Predictive Data Mining Model. Journal of Computing in Civil Engineering, 2008, 22, 181-191.	2.5	35
7	Analysing decision variables that influence preliminary feasibility studies using data mining techniques. Construction Management and Economics, 2009, 27, 73-87.	1.8	11
8	Integrating Construction Operation and Context in Large-Scale Construction Using Hybrid Computer Simulation. Journal of Computing in Civil Engineering, 2009, 23, 75-83.	2.5	36
9	Identification and Quantification of Non-Value-Adding Effort from Errors and Changes in Design and Construction Projects. Journal of Construction Engineering and Management - ASCE, 2012, 138, 98-109.	2.0	50
10	Scope Control Through Managing Changes in Construction Projects. Organization, Technology and Management in Construction, 2012, 4, .	0.5	3
11	A system dynamics model for assessing the impacts of design errors in construction projects. Mathematical and Computer Modelling, 2013, 57, 2044-2053.	2.0	108
12	Critical Review of Labor Productivity Research in Construction Journals. Journal of Management in Engineering - ASCE, 2014, 30, 214-225.	2.6	260
13	Benchmarking the efficiencies of Indonesia's municipal water utilities using Stackelberg data envelopment analysis. Benchmarking, 2015, 22, 588-609.	2.9	14
14	Predicting the Probability of Default for Municipal Water Utilities in Indonesia. Public Works Management Policy, 2015, 20, 337-359.	0.7	3
15	A conceptual approach to track design changes within a multi-disciplinary building information modeling environment. Canadian Journal of Civil Engineering, 2015, 42, 139-152.	0.7	36
16	Impacts to productivity in metal stud Framing, and the hanging and Finishing of gypsum Drywall. , 2016, , .		2
17	Using the land transformation model to forecast vacant land. Journal of Land Use Science, 2016, 11, 450-475.	1.0	30
18	The dynamics of proximal and distal factors in construction site water pollution. Journal of Cleaner Production, 2016, 113, 54-65.	4.6	21

#	ARTICLE	IF	CITATIONS
19	Quantifying and Modeling the Cumulative Impact of Change Orders. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	2.0	21
20	BIM-based model for quantifying the design change time ripple effect. Canadian Journal of Civil Engineering, 2017, 44, 626-642.	0.7	15
21	Impacts to Productivity in the Painting Trades. , 2017, , .		0
22	An accelerometer-based leak detection system. Mechanical Systems and Signal Processing, 2018, 108, 276-291.	4.4	102
23	Prediction and improvement of labor productivity using hybrid system dynamics and agent-based modeling approach. Construction Innovation, 2018, 18, 2-19.	1.5	27
24	Discovering the Impact of Late Change Orders and Rework on Labor Productivity: A Water Treatment Case Study Analysis Using System Dynamics Modeling. , 2018, , .		13
25	Impacts of Change Orders on Cost and Schedule Performance and the Correlation with Project Size of DB Building Projects. Journal of Legal Affairs and Dispute Resolution in Engineering and Construction, 2019, 11, .	0.9	20
26	Evaluating the effect of TQM on MEP construction productivity and project delivery in Dubai. International Journal of Construction Management, 2019, , 1-15.	2.2	2
27	Evaluation of CART, CHAID, and QUEST algorithms: a case study of construction defects in Taiwan. Journal of Asian Architecture and Building Engineering, 2019, 18, 539-553.	1.2	48
28	Benchmarking project performance: a guideline for assessing vulnerability of mechanical and electrical projects to productivity loss. Construction Management and Economics, 2019, 37, 101-111.	1.8	3
29	Improved Bayesian Causal Map Approach for Community-Based Product Design Project Feasibility Analysis. IEEE Transactions on Engineering Management, 2020, 67, 794-812.	2.4	5
30	Integrating model tree and modified stepwise regression in concrete slump prediction and steel fabrication estimating. Canadian Journal of Civil Engineering, 2022, 49, 478-486.	0.7	4
31	Data mining model for predicting the quality level and classification of construction projects. Journal of Intelligent and Fuzzy Systems, 2021, 42, 139-153.	0.8	4
32	Early warning system for highway construction projects using GA-SVM. International Journal of Construction Management, 2023, 23, 2348-2357.	2.2	1
34	Decision Tree Modeling for Osteoporosis Screening in Postmenopausal Thai Women. Informatics, 2022, 9, 83.	2.4	3
35	Systematic Review of the Literature on Construction Productivity. Journal of Construction Engineering and Management - ASCE, 2023, 149, .	2.0	2