A time of day analysis of crashes involving large trucks

Accident Analysis and Prevention 75, 155-163 DOI: 10.1016/j.aap.2014.11.021

Citation Report

#	Article	IF	CITATIONS
1	The temporal stability of factors affecting driver-injury severities in single-vehicle crashes: Some empirical evidence. Analytic Methods in Accident Research, 2015, 8, 7-32.	4.7	174
2	A Multivariate Spatial-Time of Day Analysis of Truck Crash Frequency across Neighborhoods in New York City. Advances in Econometrics, 2016, , 195-219.	0.2	0
3	Differences in single heavy vehicle crashes at intersections and midblocks. Journal of Advanced Transportation, 2016, 50, 2150-2159.	0.9	4
4	Analysis of injury severity of large truck crashes in work zones. Accident Analysis and Prevention, 2016, 97, 261-273.	3.0	98
5	Bayes classifiers for imbalanced traffic accidents datasets. Accident Analysis and Prevention, 2016, 88, 37-51.	3.0	94
6	Analysis of the injury severity of crashes by considering different lighting conditions on two-lane rural roads. Journal of Safety Research, 2016, 56, 57-65.	1.7	64
7	An empirical analysis of run-off-road injury severity crashes involving large trucks. Accident Analysis and Prevention, 2017, 102, 93-100.	3.0	69
8	Roadway classifications and the accident injury severities of heavy-vehicle drivers. Analytic Methods in Accident Research, 2017, 15, 17-28.	4.7	48
9	Truck crash severity in New York city: An investigation of the spatial and the time of day effects. Accident Analysis and Prevention, 2017, 99, 249-261.	3.0	83
10	Truck-involved crashes injury severity analysis for different lighting conditions on rural and urban roadways. Accident Analysis and Prevention, 2017, 108, 44-55.	3.0	83
11	Heavy-Vehicle Crash Rate Analysis: Comparison of Heterogeneity Methods Using Idaho Crash Data. Transportation Research Record, 2017, 2637, 56-66.	1.0	17
12	Modeling Injury Severity of Vehicular Traffic Crashes. , 2017, , .		0
13	Perceived safe and adequate truck parking: A random parameters binary logit analysis of truck driver opinions in the Pacific Northwest. International Journal of Transportation Science and Technology, 2018, 7, 89-102.	2.0	13
14	Safeguards: A key process safety tool in jet fuel management from refinery to aircraft wings. Process Safety Progress, 2018, 37, 518-524.	0.4	3
15	Commercial truck crash injury severity analysis using gradient boosting data mining model. Journal of Safety Research, 2018, 65, 115-124.	1.7	113
16	Latent class analysis of factors that influence weekday and weekend single-vehicle crash severities. Accident Analysis and Prevention, 2018, 113, 187-192.	3.0	77
17	Factors influencing injury severity of crashes involving HAZMAT trucks. International Journal of Transportation Science and Technology, 2018, 7, 1-9.	2.0	71
18	Automation and artificial intelligence in business logistics systems: human reactions and collaboration requirements. International Journal of Logistics Research and Applications, 2018, 21, 224-242.	5.6	108

			2
#	ARTICLE	IF	CITATIONS
19	Modeling Traffic Accidents Occurrences Based on Land Use and Road Factors Using Geographically Weighted Regression Models. Advances in Intelligent Systems and Computing, 2018, , 220-232.	0.5	0
20	Contributing Factors to Run-Off-Road Crashes Involving Large Trucks under Lighted and Dark Conditions. Journal of Transportation Engineering Part A: Systems, 2018, 144, .	0.8	23
21	An Improved Deep Learning Model for Traffic Crash Prediction. Journal of Advanced Transportation, 2018, 2018, 1-13.	0.9	60
22	An innovative approach for traffic crash estimation and prediction on accommodating unobserved heterogeneities. Transportation Research Part B: Methodological, 2018, 118, 407-428.	2.8	17
23	Application of multinomial and ordinal logistic regression to model injury severity of truck crashes, using violation and crash data. Journal of Modern Transportation, 2018, 26, 268-277.	2.5	30
24	Light motor vehicle collisions with heavy vehicles — Psychosocial and health related risk factors of drivers being at-fault for collisions. Forensic Science International, 2018, 291, 245-252.	1.3	12
25	Spatial autocorrelation analysis of cargo trucks on highway crashes in Chile. Accident Analysis and Prevention, 2018, 120, 195-210.	3.0	31
26	Injury severity analysis of commercially-licensed drivers in single-vehicle crashes: Accounting for unobserved heterogeneity and age group differences. Accident Analysis and Prevention, 2018, 118, 289-300.	3.0	40
27	Influence of Socioeconomic Conditions on Crash Injury Severity for an Urban Area in a Developing Country. Transportation Research Record, 2018, 2672, 41-53.	1.0	15
28	Causation Analysis of Hazardous Material Road Transportation Accidents by Bayesian Network Using Genie. Journal of Advanced Transportation, 2018, 2018, 1-12.	0.9	16
29	Endogenous commercial driver's traffic violations and freight truck-involved crashes on mainlines of expressway. Accident Analysis and Prevention, 2019, 131, 327-335.	3.0	29
30	Improved Support Vector Machine Models for Work Zone Crash Injury Severity Prediction and Analysis. Transportation Research Record, 2019, 2673, 680-692.	1.0	81
31	Time-of-day variations and temporal instability of factors affecting injury severities in large-truck crashes. Analytic Methods in Accident Research, 2019, 23, 100102.	4.7	114
32	Sociodemographic Influences on Injury Severity in Truck-Vulnerable Road User Crashes. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2019, 5, .	1.1	11
33	Understanding truck driver behavior with respect to cell phone use and vehicle operation. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 65, 389-401.	1.8	15
34	Urban freight and road safety in the era of e-commerce. Traffic Injury Prevention, 2019, 20, 764-770.	0.6	33
35	Modeling of time-dependent safety performance using anonymized and aggregated smartphone-based dangerous driving event data. Accident Analysis and Prevention, 2019, 132, 105286.	3.0	20
36	Development of Macro-Level Safety Performance Functions in the City of Naples. Sustainability, 2019, 11, 1871.	1.6	16

#	Article	IF	CITATIONS
37	Logistics Innovation and Social Sustainability: How to Prevent an Artificial Divide in Human–Computer Interaction. Journal of Business Logistics, 2019, 40, 265-278.	7.0	55
38	Temporal Dynamics of Willingness to Pay for Alternatives That Increase the Reliability of Water and Wastewater Service. Journal of Construction Engineering and Management - ASCE, 2019, 145, 04019041.	2.0	9
39	Analysis of truck-related crashes of freeways in China. Advances in Mechanical Engineering, 2019, 11, 168781401882218.	0.8	3
40	Identifying Fatality Risk Factors for the Commercial Vehicle Driver Population. Transportation Research Record, 2019, 2673, 297-310.	1.0	13
41	Production logistics and human-computer interaction—state-of-the-art, challenges and requirements for the future. International Journal of Advanced Manufacturing Technology, 2019, 105, 3691-3709.	1.5	72
42	Analysis of the Risk Factors Affecting the Size of Fatal Accidents Involving Trucks Based on the Structural Equation Model. Transportation Research Record, 2019, 2673, 112-124.	1.0	13
43	Exposure to pedestrian crash based on household survey data: Effect of trip purpose. Accident Analysis and Prevention, 2019, 128, 17-24.	3.0	43
44	Accounting for heterogeneity in traffic crash prediction: exploring the usage of a dynamic state-space approach. Transportmetrica A: Transport Science, 2019, 15, 1321-1338.	1.3	3
45	Roadway traffic crash prediction using a state-space model based support vector regression approach. PLoS ONE, 2019, 14, e0214866.	1.1	11
46	Ordered logistic models of influencing factors on crash injury severity of single and multiple-vehicle downgrade crashes: A case study in Wyoming. Journal of Safety Research, 2019, 68, 107-118.	1.7	73
47	An ensemble machine learningâ€based modeling framework for analysis of traffic crash frequency. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 258-276.	6.3	36
48	Classification of traffic accidents datasets between 2003–2017 in Iraq. Data in Brief, 2020, 28, 104902.	0.5	9
49	Combined latent class and partial proportional odds model approach to exploring the heterogeneities in truck-involved severities at cross and T-intersections. Accident Analysis and Prevention, 2020, 144, 105638.	3.0	31
50	Investigating occupant injury severity of truck-involved crashes based on vehicle types on a mountainous freeway: A hierarchical Bayesian random intercept approach. Accident Analysis and Prevention, 2020, 144, 105654.	3.0	39
51	Determinant of injury severities in large truck crashes: A weekly instability analysis. Safety Science, 2020, 131, 104911.	2.6	69
52	Analyzing injury severity of rear-end crashes involving large trucks using a mixed logit model: A case study in North Carolina. Journal of Transportation Safety and Security, 2022, 14, 723-736.	1.1	11
53	Examining injury severity in truck-involved collisions using a cumulative link mixed model. Journal of Transport and Health, 2020, 19, 100942.	1.1	15
54	Analysis of Factors Contributing to the Severity of Large Truck Crashes. Entropy, 2020, 22, 1191.	1.1	18

#	Article	IF	CITATIONS
55	Fifty Years of Accident Analysis & Prevention: A Bibliometric and Scientometric Overview. Accident Analysis and Prevention, 2020, 144, 105568.	3.0	49
56	Understanding roundabout safety through the application of advanced econometric techniques. International Journal of Transportation Science and Technology, 2020, 9, 309-321.	2.0	17
57	Does time of day matter at highway work zone crashes?. Journal of Safety Research, 2020, 73, 47-56.	1.7	17
58	Uncovering Deep Structure of Determinants in Large Truck Fatal Crashes. Transportation Research Record, 2020, 2674, 742-754.	1.0	8
59	A Random Parameters Ordered Probit Analysis of Injury Severity in Truck Involved Rear-End Collisions. International Journal of Environmental Research and Public Health, 2020, 17, 395.	1.2	32
60	Exploring Risk Factors Contributing to the Severity of Hazardous Material Transportation Accidents in China. International Journal of Environmental Research and Public Health, 2020, 17, 1344.	1.2	28
61	Injury severity of truck-involved crashes in work zones on rural and urban highways: Accounting for unobserved heterogeneity. Journal of Transportation Safety and Security, 2020, , 1-28.	1.1	10
62	Comparison of contributing factors for injury severity of large truck drivers in run-off-road crashes on rural and urban roadways: Accounting for unobserved heterogeneity. International Journal of Transportation Science and Technology, 2020, 9, 116-127.	2.0	21
63	Geographical Detection of Traffic Accidents Spatial Stratified Heterogeneity and Influence Factors. International Journal of Environmental Research and Public Health, 2020, 17, 572.	1.2	35
64	Factors affecting injury severity in vehicle-pedestrian crashes: A day-of-week analysis using random parameter ordered response models and Artificial Neural Networks. International Journal of Transportation Science and Technology, 2020, 9, 100-115.	2.0	60
65	Injury severity analysis of truck-involved crashes under different weather conditions. Accident Analysis and Prevention, 2020, 141, 105529.	3.0	58
66	Discovering Insightful Rules among Truck Crash Characteristics using Apriori Algorithm. Journal of Advanced Transportation, 2020, 2020, 1-16.	0.9	25
67	Motor vehicle driver injury severity analysis utilizing a random parameter binary probit model considering different types of driving licenses in 4-legs roundabouts in South Australia. Safety Science, 2021, 134, 105083.	2.6	19
68	Injury-severity analysis of lane change crashes involving commercial motor vehicles on interstate highways. Journal of Safety Research, 2021, 76, 30-35.	1.7	11
69	Assessment of temporal stability in risk factors of crashes at horizontal curves on rural two-lane undivided highways. Journal of Safety Research, 2021, 76, 205-217.	1.7	16
70	Risk factors associated with truck-involved fatal crash severity: Analyzing their impact for different groups of truck drivers. Journal of Safety Research, 2021, 76, 154-165.	1.7	33
71	Recursive Bivariate Probit Analysis of Injury Severity and Non-Truck Improper Actions in Large Truck-Related Crashes on Florida Suburban Roads. Transportation Research Record, 2021, 2675, 215-225.	1.0	1
72	The geography of freight-related accidents in the era of E-commerce: Evidence from the Los Angeles metropolitan area. Journal of Transport Geography, 2021, 92, 102989.	2.3	24

#	Article	IF	CITATIONS
73	Assessment of Commercial Truck Driver Injury Severity as a Result of Driving Actions. Transportation Research Record, 2021, 2675, 1707-1719.	1.0	9
74	Modelling the Injury Severity of Heavy Vehicle Crashes in Australia. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2022, 46, 1635-1644.	1.0	6
75	A temporal investigation of crash severity factors in worker-involved work zone crashes: Random parameters and machine learning approaches. Transportation Research Interdisciplinary Perspectives, 2021, 10, 100378.	1.6	11
76	Insights into motor carrier crashes: A preliminary investigation of FMCSA inspection violations. Accident Analysis and Prevention, 2021, 155, 106105.	3.0	0
77	Severity Analysis of Heavy Vehicle Crashes Using Machine Learning Models: A Case Study in New Jersey. , 2021, , .		3
78	Investigating contributing factors to injury severity levels in crashes involving pedestrians and cyclists using latent class clustering analysis and mixed logit models. Journal of Transportation Safety and Security, 2022, 14, 1674-1701.	1.1	6
79	A novel traffic conflict risk measure considering the effect of vehicle weight. Journal of Safety Research, 2022, 80, 1-13.	1.7	8
80	A random parameters with heterogeneity in means and Lindley approach to analyze crash data with excessive zeros: A case study of head-on heavy vehicle crashes in Queensland. Accident Analysis and Prevention, 2021, 160, 106308.	3.0	16
81	Goods movement, road safety, and spatial inequity: Evaluating freight-related crashes in low-income or minority neighborhoods. Journal of Transport Geography, 2021, 96, 103186.	2.3	16
82	Assessment of commercial truck driver injury severity based on truck configuration along a mountainous roadway using hierarchical Bayesian random intercept approach. Accident Analysis and Prevention, 2021, 162, 106392.	3.0	10
83	A probabilistic Bayesian inference model to investigate injury severity in automobile crashes. Decision Support Systems, 2021, 150, 113557.	3.5	20
84	Human Role in Digital Logistics: Relevance of Intuition in Interacting with Al. Lecture Notes in Logistics, 2019, , 32-44.	0.6	3
85	Electric Bicyclist Injury Severity during Peak Traffic Periods: A Random-Parameters Approach with Heterogeneity in Means and Variances. International Journal of Environmental Research and Public Health, 2021, 18, 11131.	1.2	3
86	Use of Real-Time Traffic and Signal Timing Data in Modeling Occupant Injury Severity at Signalized Intersections. Transportation Research Record, 2022, 2676, 825-839.	1.0	4
87	Making autonomous vehicle systems human-like: lessons learned from accident experiences in traffic. Enterprise Information Systems, 2023, 17, .	3.3	3
88	Analysis of Crash Severity of Texas Two Lane Rural Roads Using Solar Altitude Angle Based Lighting Condition. Sustainability, 2022, 14, 1692.	1.6	8
89	Severity Analysis of Hazardous Material Road Transportation Crashes with a Bayesian Network Using Highway Safety Information System Data. International Journal of Environmental Research and Public Health, 2022, 19, 4002.	1.2	5
90	Classification of Driver Injury Severity for Accidents Involving Heavy Vehicles with Decision Tree and Random Forest. Sustainability, 2022, 14, 4101.	1.6	10

#	Article	IF	CITATIONS
91	Characterizing the differences of injury severity between single-vehicle and multi-vehicle crashes in China. Journal of Transportation Safety and Security, 2023, 15, 314-334.	1.1	2
92	Analysis of Factors Contributing to the Injury Severity of Overloaded-Truck-Related Crashes on Mountainous Highways in China. International Journal of Environmental Research and Public Health, 2022, 19, 4244.	1.2	7
93	Spatiotemporal instability analysis of injury severities in truck-involved and non-truck-involved crashes. Analytic Methods in Accident Research, 2022, 34, 100214.	4.7	21
94	Indicators of injury severity of truck crashes using random parameter logit modeling. , 2021, , .		3
95	Characteristics and Potential Impacts of Rest Areas Proximate to Roadways: A Review. Open Transportation Journal, 2021, 15, 260-271.	0.4	2
97	Investigating the effect of contextual factors on driving: An experimental study. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 88, 69-80.	1.8	2
98	Injury Severity Analysis for Large Truck-Involved Crashes: Accounting for Heterogeneity. Transportation Research Record, 2022, 2676, 15-29.	1.0	2
99	Vulnerable road user safety and freight vehicles: A case study in North Carolina and Tennessee. Transportation Research Interdisciplinary Perspectives, 2022, 15, 100650.	1.6	6
100	Safety-oriented planning of expressway truck service areas based on driver demand. Frontiers in Public Health, 0, 10, .	1.3	2
101	Rule-based classifier based on accident frequency and three-stage dimensionality reduction for exploring the factors of road accident injuries. PLoS ONE, 2022, 17, e0272956.	1.1	1
102	Analysis of Temporal Stability of Contributing Factors to Truck-Involved Crashes at Work Zones in South Carolina. Transportation Research Record, 2023, 2677, 1484-1499.	1.0	1
103	An analysis of influential factors associated with rural crashes in a developing country: A case study of Iran. Archives of Transport, 2022, 63, 53-65.	0.4	1
104	Pedestrian safety at urban intersections: lighting conditions is the question. International Journal of Crashworthiness, 2023, 28, 750-759.	1.1	1
105	A Cluster-Based Approach for Analysis of Injury Severity in Interstate Crashes Involving Large Trucks. Sustainability, 2022, 14, 14342.	1.6	1
106	Modeling injury severity of crashes involving trucks: Capturing and exploring risk factors associated with land use and demographic in addition to crash, driver, and on-network characteristics. IATSS Research, 2022, 46, 602-613.	1.8	3
107	Analyzing the Injury Severity in Overturn Crashes Involving Sport Utility Vehicles: Latent Class Clustering and Random Parameter Logit Model. Journal of Transportation Engineering Part A: Systems, 2023, 149, .	0.8	0
108	Severity analysis of crashes involving in-state and out-of-state large truck drivers in Alabama: A random parameter multinomial logit model with heterogeneity in means and variances. Heliyon, 2022, 8, e11989.	1.4	5
109	Heavy vehicle crashes in Addis Ababa: Relationship between contributing factors and severity of outcomes. Journal of Sustainable Development of Transport and Logistics, 2022, 7, 25-40.	0.3	Ο

#	Article	IF	CITATIONS
110	Identifying roadway departure crash patterns on rural two-lane highways under different lighting conditions: Association knowledge using data mining approach. Journal of Safety Research, 2023, 85, 52-65.	1.7	7
111	Modelling Road Work Zone Crashes' Nature and Type of Person Involved Using Multinomial Logistic Regression. Sustainability, 2023, 15, 2674.	1.6	4
112	Contributing factors to right-turn crash severity at signalized intersections: An application of econometric modeling. International Journal of Transportation Science and Technology, 2024, 13, 243-257.	2.0	1
119	Vehicle and Pedestrian Crash Risk Modeling in Arabian Gulf Region. Lecture Notes in Networks and Systems, 2023, , 816-829.	0.5	0
123	A Comparative Analysis of Factors Affecting Injury Severities of Large-Truck-Involved and Non-Large-Truck-Involved Interstate Crashes. , 2023, , .		0