

## DAFTAR PUSTAKA

- AASHTO. (2010). *Highway Safety Manual Part A Preface*. 1057.
- Al-Marafi, M. N., Somasundaraswaran, K., & Ayers, R. (2020). Developing crash modification factors for roundabouts using a cross-sectional method. *Journal of Traffic and Transportation Engineering (English Edition)*, 7(3), 362–374. <https://doi.org/10.1016/j.jtte.2018.10.012>
- Arung, V. N., & Widyastuti, H. (2020). Penentuan Daerah Rawan Kecelakaan Lalu Lintas di Kota Surabaya. *Jurnal Aplikasi Teknik Sipil*, 18(1), 17. <https://doi.org/10.12962/j2579-891X.v18i1.5328>
- AULIA SAFITRI, IZZATI RAHMI HG, D. D. (n.d.). *Penerapan Regresi Poisson dan Binomial Negatif Dalam Memodelkan Jumlah Kasus Penderita Aids Di Indonesia Berdasarkan Faktor Sosiodemografi*. 3(4), 58–65.
- Authors, F. (2009). The Contribution of Research to Road Safety Policy-Making. *The Handbook of Road Safety Measures*, 117–141. <https://doi.org/10.1108/9781848552517-006>
- Bahar, G., & Parkhill, M. (2006). Ongoing development of a highway safety manual. *ITE Journal (Institute of Transportation Engineers)*, 76(8), 22–25.
- Bauer, K., & Harwood, D. (2013). Safety effects of horizontal curve and grade combinations on rural two-lane highways. *Transportation Research Record*, 2398, 37–49. <https://doi.org/10.3141/2398-05>
- Bolla, M. E., Messah, Y. A., & Koreh, M. M. B. (2013). Analisis Daerah Rawan Kecelakaan Lalu Lintas (Studi Kasus Ruas Jalan Timur Raya Kota Kupang). *Jurnal Teknik Sipil*, 11(2), 147–156.
- Bonneson A, J., & Zimmerman H, K. (2007). *Procedure for Using Accident Modification Factors in the Highway Design Process*. 7(2), 40. <http://tti.tamu.edu/documents/0-4703-P5.pdf> <https://trid.trb.org/view/805685>
- Darnah. (2011). Handling Overdispersion on Poisson Regression Models with Generalized Poisson. *Jurnal Eksponensial*, 2(2), 5–10. <http://fmipa.unmul.ac.id>
- Dini Kusumahati. (2008). *Hubungan kecelakaan dengan variabel -variabel jalan dan lingkungan paada jalan bebas hambatan*.

- Dino Market. (2016). *Roll Meter*. 2016.  
[https://th.bing.com/th/id/OIP.q4\\_gCu9OpgZiNa27sYMncQHaHa?w=208&h=207&c=7&o=5&dpr=1.25&pid=1.7](https://th.bing.com/th/id/OIP.q4_gCu9OpgZiNa27sYMncQHaHa?w=208&h=207&c=7&o=5&dpr=1.25&pid=1.7)
- Direktorat Jenderal Bina Marga. (2012). *Panduan Teknis I Reayasa Keselamatan Jalan*.
- Direktorat Keselamatan Transportasi Darat (DKTD). (2007). *Pedoman Operasi Accident Blackspot Investigation Unit / Unit Penelitian Kecelakaan Lalu Lintas*.
- Dirjen Bina Marga. (1997). *Tata Cara Perencanaan Geometrik Jalan Antar Kota, Dirjen Bina Marga 1997*. 038, 54.
- Dokumentasi Penulis. (2021). *Dokumentasi Penulis*.
- Effendi, D. M. (2016). *Analisis Keselamatan Jalan Pada Ruas Jalan Ahmad Yani Dalam Kota Pangkalpinang*. 4, 87–100.
- Elvik, R. (2002). The importance of confounding in observational before-and-after studies of road safety measures. *Accident Analysis and Prevention*, 34(5), 631–635. [https://doi.org/10.1016/S0001-4575\(01\)00062-8](https://doi.org/10.1016/S0001-4575(01)00062-8)
- Federal Highway Administration. (2010). *Highway Safety Improvement Program (HSIP) Manual*. June, 161.  
<http://safety.fhwa.dot.gov/hsip/resources/fhwasa09029/sec2.cfm>.
- Garach, L., de Oña, J., López, G., & Baena, L. (2016). Development of safety performance functions for Spanish two-lane rural highways on flat terrain. *Accident Analysis and Prevention*, 95, 250–265.  
<https://doi.org/10.1016/j.aap.2016.07.021>
- Good Homeware. (2017). *Papan Klip*.  
<https://th.bing.com/th/id/OIP.vRkQ0xvtcOL5z4o3hMCICgHaHa?w=206&h=206&c=7&o=5&dpr=1.25&pid=1.7>
- Gov, S. (2019). *Dinas Pelayanan Modal & Pelayanan Terpadu Satu Pintu*.
- Hallmark, S. L., Qiu, Y., Hawkins, N., & Smadi, O. (2015). *Crash Modification Factors for Dynamic Speed Feedback Signs on Rural Curves*. January, 9–23.
- Harkey, D. (2008). Accident Modification Factors for Traffic Engineering and ITS Improvements. In *Accident Modification Factors for Traffic Engineering and ITS Improvements*. <https://doi.org/10.17226/13899>
- Hauer, E., Harwood, D. W., Council, F. M., & Griffith, M. S. (2002). Estimating safety by the empirical bayes method: A tutorial. *Transportation Research*

- Record*, 1784, 126–131. <https://doi.org/10.3141/1784-16>
- Ii, B. A. B., Teori, L., & Geometrik, D. P. (2010). *Perencanaan geometrik jalan adalah perencanaan rute dari suatu ruas jalan secara lengkap , meliputi beberapa elemen yang disesuaikan dengan kelengkapan dan data yang ada atau tersedia dari hasil survey lapangan dan telah dianalisis , serta mengacu pada k. 6–38.*
- Indriastuti, A. K., Fauziah, Y., & Priyanto, E. (2011). *Karakteristik Kecelakaan dan Audit Keselamatan Jalan Pada RUas Ahmad Yani Surabaya*. 5(1).
- Institute of Transportation Engineers. (2009). *Traffic Calming- Traffic Engineering Handbook* (pp. 531–583).
- Istiyanto, B., & Widitasari, D. (2018). Road safety analysis on Sronдол - Jatingaleh highway, using Crash Modification Factors (CMFs) Case study: Semarang City, Central Java, Indonesia. *IOP Conference Series: Earth and Environmental Science*, 202(1). <https://doi.org/10.1088/1755-1315/202/1/012005>
- Jatim, P. P. (2012). Peraturan Daerah Provinsi Jawa Timur No. 5 Tahun 2012 Tentang Rencana Tata Ruang Wilayah Provinsi. 39–37, 66, עלון הנוטע.
- Kemhub. (2015). *PM 111 Tahun 2015.pdf*. [http://jdih.dephub.go.id/assets/uudocs/permen/2015/PM\\_111\\_Tahun\\_2015.pdf](http://jdih.dephub.go.id/assets/uudocs/permen/2015/PM_111_Tahun_2015.pdf)
- Kementerian PUPR. (2005a). *Dasar-Dasar Perencanaan Geometrik Ruas Jalan*. 7.
- Kementerian PUPR. (2005b). *Perencanaan Geometrik Jalan*. *Departemen Pekerjaan Umum*, 1–65.
- Lestari, T. A. (2019). *Analisis Efektivitas Prasarana Jalan Terhadap Keselamatan Pada Ruas Jalan Soekarno-Hatta Kota Balikpapan Menggunakan Metode AMF*. 373426.
- Lord, D., & Bonneson, J. A. (2007). Development of accident modification factors for rural frontage road segments in Texas. *Transportation Research Record*, 2023, 20–27. <https://doi.org/10.3141/2023-03>
- Park, J., Abdel-Aty, M., & Lee, C. (2014). Exploration and comparison of crash modification factors for multiple treatments on rural multilane roadways. *Accident Analysis and Prevention*, 70, 167–177. <https://doi.org/10.1016/j.aap.2014.03.016>
- Peraturan Pemerintah. (2006). *Peraturan Pemerintah No. 34 Tahun 2006*

- Tentang Jalan. 1959, 1–92.*
- Permen PU. (2011). Permen PU Tentang Persyaratan Teknis Jalan dan Kriteria Perencanaan Teknis Jalan. *Phys. Rev. E*.
- Perpres. (2017). *PP Republik Indonesia*.
- Poppe, M. J. (2017). Observations on the use of crash modification factor-corrected crash prediction models to identify sites with promise. *Transportation Research Record, 2635*(1), 71–78. <https://doi.org/10.3141/2635-09>
- Projaya, T. (2012). *Rompi Survei*. <https://th.bing.com/th/id/OIP.dmAtQavsfsunvgBPvH9wSgHaFI?w=233&h=180&c=7&o=5&dpr=1.25&pid=1.7>
- Pujiastutie, E. T. R. I., Sipil, M. T., Sarjana, P. P., & Diponegoro, U. (2006). Pengaruh Geometrik Jalan Terhadap Kecelakaan Lalu Lintas Di Jalan Tol (Studi Kasus Tol Semarang dan Tol Cikampek). *Teknik Sipil*, 101.
- Pusat Litbang Prasarana Transportasi. (2004). *Penanganan Lokasi Rawan Kecelakaan Lalu Lintas*. 54. <http://www.pu.go.id/uploads/services/infopublik20120704151813.pdf>.
- Rahmi, E. (2017). *Permodelan Regresi Poisson Tergeneralisasi Pada Kasus Kematian Bayi Di Sumatera Utara Tahun 2015*.
- Retting, R. A., Ferguson, S. A., & Hakkert, A. S. (2003). Effects of red light cameras on violations and crashes: A review of the international literature. *Traffic Injury Prevention, 4*(1), 17–23. <https://doi.org/10.1080/15389580309858>
- Reza, M., Nugraha, A., Iv, P. D., Keselamatan, M., Jalan, T., Keselamatan, P., & Jalan, T. (2019). *Skripsi Desain Area Antar Jemput Siswa Sd Negeri 009 Skripsi Desain Area Antar Jemput Siswa Sd Negeri 009*.
- Ruliana, , Putriaji Hendikawati, A. A., & Jurusan. (2016). *Pemodelan Generalized Poisson Regression (GPR) Untuk Mengatasi Pelanggaran Equidispersi Pada Regresi Poisson Kasus Campak Di Kota Semarang Tahun 2013*. 5(1).
- Satlantas Kota Surabaya. (2021). *DATA LAKA TAHUN 2017 SD 2020*.
- Sawalha, Z. (2003). *Statistical Issues in Traffic Accident Modeling Ziad Sawalha*. 604.
- Schultz, G. G., Dowell, A. L., Roundy, R., Saito, M., & Reese, C. S. (2014). Evaluating the safety effects of signal improvements. *Transportation*

- Research Record*, 2435, 19–26. <https://doi.org/10.3141/2435-03>
- Song, J. L., & Wang, D. H. (2012). Tracking laser Doppler measurement for velocity of moving target. *Proceedings - 2012 International Conference on Computer Science and Information Processing, CSIP 2012*, 32, 426–431. <https://doi.org/10.1109/CSIP.2012.6308884>
- Subdirektorat Statistik Transportasi. (2018). *Statistik Transportasi Darat 2018*.
- Sugiyanto, Gito & Santi, M. Y. (2015). Karakteristik Kecelakaan Lalu Lintas dan Pendidikan Keselamatan Berlalulintas Sejak Usia Dini: Studi Kasus di Kabupaten Purbalingga. *Jurnal Ilmiah Semesta Teknik*, 18 No. 1(1), 65–75. <http://journal.umy.ac.id/index.php/st/article/download/707/857>
- Sugiyanto, G., Pengajar, S., Studi, P., Sipil, T., Teknik, J., Jenderal, U., & Purwokerto, S. (2013). *Perbandingan Biaya Kecelakaan Lalu Lintas Dengan Metode Gross Output Kimpraswil dan Transport Research Laboratoy (TRL)*. 1–3.
- Sukirman, S. (1999). *Dasar-dasar Perencanaan Geometrik*.
- Syafiiq M Ridlo, Izazulfina, Ismiyati, A. K. I. (2004). *Analisis Hubungan Antara Kelandaian Jalan dan Panjang Landai Kritis Terhadap Keselamatan Lalu Lintas (Studi Kasus Jalan Setiabudi Semarang Dari KM 8+100 Sampai KM 9+350)*.
- TP, L. (2013). *Jenis dan Pendekatan Penelitian*. 38–50.
- Utami, A., & Widyastuti, H. (2019). Model Panjang Antrian Kendaraan pada Perlintasan Sebidang Tanpa Palang Pintu (Studi Kasus: Perlintasan Sebidang Jl. Gayung Kebonsari Surabaya). *Jurnal Aplikasi Teknik Sipil*, 17(1), 27. <https://doi.org/10.12962/j2579-891x.v17i1.4693>
- Vadeby, A., & Anund, A. (2017). Effectiveness and acceptability of milled rumble strips on rural two-lane roads in Sweden. *European Transport Research Review*, 9(2), 1–9. <https://doi.org/10.1007/s12544-017-0244-x>
- Wijaya, I. B. G. L. (2016). *Analisis kecelakaan lalu lintas studi kasus kota Denpasar* (Issue skripsi).
- Zanuardi, A., & Suprayitno, H. (2018). Analisa Karakteristik Kecelakaan Lalu Lintas di Jalan Ahmad Yani Surabaya melalui Pendekatan Knowledge Discovery in Database. *Jurnal Manajemen Aset Infrastruktur & Fasilitas*, 2(1), 45–55. <https://doi.org/10.12962/j26151847.v2i1.3767>
- Zeeger, C. V. (1980). *The Effect Of Lane and Shoulder Widhts On Accident*

*Reductions Two-Lane Roads. 22(4), 1581–1584.*

Zegeer V, C., Stewart Richard, J., Council M, F., Reinfurt W, D., & Hamilton, E. (1992). Safety Effects of Geometric Improvements on Horizontal Curves. *Transportation Research Record, 1356, 11–19.*  
[http://scholar.google.com/scholar\\_lookup?title=SAFETY+EFFECTS+OF+GEOMETRIC+IMPROVEMENTS+ON+HORIZONTAL+CURVES&author=C.+Zegeer&author=J.+Stewart&author=F.+Council&author=D.+Reinfurt&author=E.+Hamilton&publication\\_year=1992%5Cnhttps://trid.trb.org/view/3708](http://scholar.google.com/scholar_lookup?title=SAFETY+EFFECTS+OF+GEOMETRIC+IMPROVEMENTS+ON+HORIZONTAL+CURVES&author=C.+Zegeer&author=J.+Stewart&author=F.+Council&author=D.+Reinfurt&author=E.+Hamilton&publication_year=1992%5Cnhttps://trid.trb.org/view/3708)