BIBLIOGRAPHY

Agarwal, V., & Taffler, R. J. (2007). Twenty-five years of the Taffler z-score model: Does it really have predictive ability? *Accounting and Business Research*, *37*(4), 285–300. https://doi.org/10.1080/00014788.2007.9663313

Altman, E. I. (1968). Financial Ratios, Discriminant Analysis And The Prediction of Corporate Bankruptcy. *The Journal of Finance*, *23*(4), 589–608.

Altman, E. I., & Hotchkiss, E. (2006). *Predict and Avoid Bankruptcy, Analyze and Invest in Distressed Debt Third Edition Corporate Financial Distress and Bankruptcy* (Third Edition). Wiley.

Antara PR Wire. (2022, November 22). *Industri properti di Indonesia alami peningkatan selama 2022*. antaranews.com/berita/3259825/industri-properti-di-indonesia-alami-peningkatan-selama-2022

Arikunto, S. (2013). *Prosedur Penelitian Suatu Pendekatan Praktik*. Rineka Cipta.

Arikunto, S., Supardi, & Suhardjono. (2021). *Penelitian Tindakan Kelas* (Edisi Revisi). PT Bumi Aksara.

Arini, I. N. (2021). Jurusan Manajemen Fakultas Ekonomika dan Bisnis Universitas Negeri Surabaya. *Jurnal Ilmu Manajemen*, *9*(3), 1196–1204. journal.unesa.ac.id/index.php/jim/article/view/14237

Beaver, W. H. (1966). Financial Ratios as Predictors of Failure. *Journal of Accounting Research*, *4*, 71–111. www.jstor.org/stable/2490171

Brahmana, R. K. (2007). *Identifying Financial Distress Condition in Indonesia Manufacture Industry*. 1–19.

Budhiman, I. (2020, May 4). *Industri Properti Mengalami Penurunan Terendah Sejak 5 Tahun Terakhir*. ekonomi.bisnis.com/read/20200504/47/1235978/industri-properti-mengalami-penurunan-terendah-sejak-5-tahun-terakhir

Burhanuddin, Y. (2015). *Manajemen Sumber Daya Manusia Lembaga Keuangan Syariah*. PT Rajagrafindo Persada.

Cındık, Z., & Armutlulu, I. H. (2021). A revision of Altman Z-Score model and a comparative analysis of Turkish companies' financial distress prediction. *National Accounting Review*, *3*(2), 237–255. https://doi.org/10.3934/NAR.2021012

Connelly, B. L., Certo, S. T., Ireland, R. D., & Reutzel, C. R. (2011). Signaling theory: A review and assessment. *Journal of Management*, *37*(1), 39–67. https://doi.org/10.1177/0149206310388419

Dewing, A. S. (1920). *The Financial Policy of Corporations: Vol. V*. The Ronald Press Company.

Elviani, S., Simbolon, R., Riana, Z., Khairani, F., Dewi, S. P., & Fauzi. (2020). The Accuracy of the Altman, Ohlson, Springate and Zmejewski Models in Bankruptcy Predicting Trade Sector Companies in Indonesia. *Budapest International Research and Critics Institute (BIRCI-Journal) : Humanities and Social Sciences*, *3*(1), 334–347. https://doi.org/10.33258/birci.v3i1.777

Febriyanta, I. M. M. (2021, September 3). *KAMPIUN 2 September 2021 : Investasi pada Real Estate*. djkn.kemenkeu.co.id/kanwil-jakarta/baca-berita/25469/KAMPIUN-2-September-2021-Investasi-pada-Real-Estate.html

Fulmer, J. G. Jr., Moon, J. E., Gavin, T. A., & Erwin, M. J. (1984). A bankruptcy classification model for small firms. *Journal of Commercial Bank Lending*, 25–37.

Gamayuni, R. R. (2011). Analisis Ketepatan Model Altman sebagai Alat untuk Memprediksi Kebangkrutan (Studi Empiris pada Perusahaan Manufaktur di BEI). *Jurnal Akuntansi Dan Keuangan*, *16*(2), 158–176. repository.lppm.unila.ac.id/1442/

Ghozali, I. (2016). *Aplikasi Analisis Multivariable dengan Program IBM SPSS 23* (8th ed.). Badan Penerbit Universitas Diponegoro.

Ghozali, I. (2019). *Aplikasi Analisis Multivariate dengan Program IBM SPSS 25*. Badan Penerbit Universitas Diponegoro.

Grahadyarini, B. L. (2023, April 10). *Sektor Properti Topang Perekonomian*. kompas.id/baca/ekonomi/2023/04/10/sektor-properti-tahan-banting

Grover, J., & Lavin, A. M. (2001). *Financial Ratios, Discriminant Analysis and the Prediction of Corporate Bankruptcy: a Service Industry Extension of Altman's Z-Score Model of Bankruptcy Prediction*.

Gunawan, A. (2020, November 2). *Dana PEN Jadi Alat Pacu Sektor Properti, BTN Bakal Moncer*. cnbcindonesia.com/market/20201009122749-17-193131/dana-pen-jadi-alat-pacu-sektor-properti-btn-bakal-moncer/2

Gunawan, D. (2021). *Prediksi Financial Distress Menggunakan Model Taffler dan Grover pada Perusahaan yang Terdampak Pandemi COVID-19*. repository.uinjkt.ac.id

Gupita, N., Soemoedipiro, S. W., & Soebroto, N. W. (2020). Analisis Perbandingan Model Altman Z -Score, Springate, Zmijewski dan Grover dalam Memprediksi Financial Distress. *Jurnal Aktual Akuntansi Keuangan Bisnis Terapan*, *3*(1), 145–162. jurnal.polines.ac.id/index.php/akunbisnis/article/view/2148

Hakim, I. F. (2022). *Analisis Financial Distress pada Masa Pandemi Covid-19 Menggunakan Metode Altman Z-Score, Springate S-Score dan Zmijewski X-Score* [Skripsi]. Universitas Jenderal Soedirman.

Hani, S. (2015). *Teknik Analisa Laporan Keuangan*. UMSU Press.

Hapsari, A. N., Putri, N. K., & Arofah, T. (2016). The Influence of Profitability, Solvency, and Auditor's Opinion to Audit Report Lag at Coal Mining Companies. *Binus Business Review*, *7*(2), 197. https://doi.org/10.21512/bbr.v7i2.1685

Hariadi, F. A. (2021). *Perbandingan Model Altman (Z-Score) dan Springate (S-Score) untuk Memprediksi Potensi Kebangkrutan pada Perusahaan Food And Beverage* [Skripsi, Universitas Dinamika]. repository.dinamika.ac.id/id/eprint/5910/

Haryono, E. (2022, November 14). *SHPR Triwulan III 2022: Peningkatan Harga Properti Residensial Masih Berlanjut*. bi.go.id/id/publikasi/ruang-media/news-release/Pages/sp_2430922.aspx

Hertina, D., Kusmayadi, D., & Yulaeha. (2020). Comparative Analysis of the Altman, Springate and Zmijewski Models as Predicting Financial Distress. *Journal Of Archaeology Of Egypt/Egyptology*, *17*(5), 552–561. www.economy.okezone.com

Hutabarat, F. (2020). *Analisis Kinerja Keuangan Perusahaan* (Cetakan Pertama). Desanta Muliavisitama.

Kasmir. (2008). *Analisis Laporan Keuangan*. PT Rajagrafindo Persada.

Kieso, D. E., Weygandt, J. J., & Warfield, T. D. (2020). *Intermediate accounting* (4th Edition). Wiley.

Ko, L.-J., Blocher, E. J., & Paul Lin, P. (2001). Prediction of Corporate Financial Distress: An Application of the Composite Rule Induction System. *The International Journal of Digital Accounting Research*, *1*(1), 69–85.

Kusnandar, V. B. (2022, March 10). *Sektor Real Estate Tumbuh 2,78% pada 2021*. databoks.katadata.co.id/datapublish/2022/03/10/sektor-real-estate-tumbuh-278-pada-2021

Lestari, R. M. E., Situmorang, M., Pratama, M. I. P., & Bon, A. T. (2021). Financial Distress Analysis Using Altman (Z-Score), Springate (S-Score), Zmijewski (X-Score), and Grover (G-Score) Models in the Tourism, Hospitality and Restaurant Subsectors Listed on the Indonesia Stock Exchange Period. *Proceedings of the 11th Annual International Conference on Industrial Engineering and Operations Management Singapore*, 4249–4259.

Lutfiyyah, I., & Bhilawa, L. (2021). Analisis Akurasi Model Altman Modifikasi (Z"-Score), Zmijewski, Ohlson, Springate Dan Grover Untuk Memprediksi Financial Distress Klub Sepak Bola. *Jurnal Akuntansi*, *13*(1), 46–60. http://journal.maranatha.edu

Magdalena, J., & Rusmanto, T. (2023). Analysis of Precision Using the Altman Modification, Springate, Zmijewski, and Grover Model for Financial Distress Prediction. *Hong Kong Journal of Social Sciences*, *60*(No. 60 Autumn/Winter 2022), 963–970. https://doi.org/10.55463/hkjss.issn.1021-3619.60.92

Marselina, S., Kusumastuti, R., & Tiswiyanti, W. (2023). Analisis Perbandingan Potensi Financial Distress Sebelum dan Selama Pandemi COVID-19 Menggunakan Metode Grover, Springate dan Zmijewski. *Owner*, *7*(2), 1059–1073. https://doi.org/10.33395/owner.v7i2.1331

Masdiantini, P. R., & Warasniasih, N. M. S. (2020). Laporan Keuangan dan Prediksi Kebangkrutan Perusahaan. *JIA (Jurnal Ilmiah Akuntansi)*, *5*(1), 196–220. ejournal.undiksha.ac.id/index.php/JIA/article/view/25119

Menditto, A., Patriarca, M., & Magnusson, B. (2007). Understanding the meaning of accuracy, trueness and precision. *Accreditation and Quality Assurance*, *12*(1), 45–47. https://doi.org/10.1007/s00769-006-0191-z

Mustahgfiroh, I., & Lisiantara, G. A. (2021). Financial Distress pada Perusahaan Real Estate dan Property yang Terdaftar di Bursa Efek Indonesia (BEI). *Jurnal Akuntansi Dan Pajak*, *22*(02), 808–816. jurnal.stie-aas.ac.id/index.php/jap/article/view/2888/pdf

Muzanni, M., & Yuliana, I. (2021). Comparative Analysis of Altman, Springate, and Zmijewski Models in Predicting the Bankruptcy of Retail Companies in Indonesia and Singapore. *TIJAB (The International Journal of Applied Business)*, *5*(1), 81–93. e-journal.unair.ac.id/TIJAB

Nazir, Moh. (1988). *Metode Penelitian*. Ghalia Indonesia.

Ohlson, J. A. (1980). Financial Ratios and the Probabilistic Prediction of Bankruptcy. *Journal of Accounting Research*, *18*(1), 109–131. jstor.org/stable/pdf/2490395.pdf

Pangkey, P. C., Saerang, I. S., & Maramis, J. B. (2018). Analisis Prediksi Kebangkrutan dengan Menggunakan Metode Altman dan Metode Zmijewski pada Perusahaan Bangkrut yang Pernah Go Public di Bursa Efek Indonesia. *Jurnal EMBA*, *6*(4), 3178–3187. ejournal.unsrat.ac.id/index.php/emba/article/view/21292

Parquinda, L., & Azizah, D. F. (2019). *Analisis Penggunaan Model Grover (G-Score), Fulmer (H-Score), Springate (S-Score), Zmijewski (X-Score), dan Altman (Z-Score) sebagai Prediktor Kebangkrutan*. administrasibisnis.studentjournal.ub.ac.id/index.php/jab/article/view/2845

Patmawati, Hidayat, M., & Farhan, M. (2020). Model Altman score dan Grover Score: Mendeteksi Financial Distress Pada Perusahaan Retail di Indonesia. *Akuntabilitas*, *14*(1), 133–154. repository.unsri.ac.id/53971/2/11525-30316-1-PB.pdf

Pelitawati, D., & Kusumawardana, R. A. (2020). Analisis Komparasi Model Altman, Zmijewski Dan Springate Untuk Memprediksi Financial Distress Pada Perusahaan Yang Terdaftar Di Bursa Efek Indonesia. *Jurnal Economic and Sustainable Development*, *5*(2), 13–24. academia.edu/67794722/B_Analsis_Komparasi_Model_Altman_Zmijewski_Dan_Springate_Untuk_Memprediksi_Financial_Distress_Pada_Perusahaan_Yang_Terdaftar_Di_Bursa_Efek_Indonesia

Permana, R. K., Ahmar, N., & Djadang, S. (2017). Prediksi Financial Distress Pada Perusahaan Manufaktur Di Bursa Efek Indonesia. *Esensi: Jurnal Bisnis Dan Manajemen*, *7*(2). https://doi.org/10.15408/ess.v7i2.4797

Platt, H. D., & Platt, M. B. (2002). Predicting Corporate Financial Distress: Reflections on Choice-Based Sample Bias. *Journal of Economics and Finance*, *26*(2), 184–199. researchgate.net/publication/225408625_Predicting_corporate_financial_distress_Reflections_on_choice-based_sample_bias

Pratiwi, Y. R. (2022, February 24). *Pemulihan Perekonomian Indonesia Setelah Kontraksi Akibat Pandemi Covid-19*. djkn.kemenkeu.go.id/kpknl-banjarmasin/baca-artikel/14769/Pemulihan-Perekonomian-Indonesia-Setelah-Kontraksi-Akibat-Pandemi-Covid-19.html

Priambodo, D. (2017). *Analisis Perbandingan Model Altman, Springate, Grover, dan Zmijewski dalam Memprediksi Financial Distress (Studi Empiris pada Perusahaan Sektor Pertambangan yang Terdaftar di Bursa Efek Indonesia)* [Skripsi]. Universitas Negeri Yogyakarta.

Priambodo, D., & Pustikaningsih, A. (2018). Analisis Perbandingan Model Altman, Springate, Grover, dan Zmijewski dalam Memprediksi Financial Distress

(Studi Empiris pada Perusahaan Sektor Pertambangan yang Terdaftar di Bursa Efek Indonesia Periode 2012-2015). *Jurnal Pendidikan Akuntansi*, *6*(4), 1–10. journal.student.uny.ac.id/ojs/index.php/profita/article/view/13806/13331

Prihanthini, N. M. E. D., & Sari, M. M. R. (2013). Prediksi Kebangkrutan dengan Model Grover, Altman Z-Score, Springate dan Zmijewski pada Perusahaan Food and Beverage di Bursa Efek Indonesia. *E-Jurnal Akuntansi Udayana*, *5*(2), 417–435. ojs.unud.ac.id/index.php/Akuntansi/article/view/7065

Primasari, N. S. (2017). Analisis Altman Z -Score, Grover Score, Springate, dan Zmijewski sebagai Signaling Financial Distress (Studi Empiris Industri Barang-barang Konsumsi di Indonesia). *Accounting and Mnanagement Journal*, *1*(1), 23–43. journal2.unusa.ac.id/index.php/AMJ/article/view/70

Purnomo, A. F., & Hendratno. (2019). Analisis Prediksi Kebangkrutan menggunakan Metode Altman Z - Score, Grover, dan Zmijewski pada Perusahaan Minyak dan Gas Bumi yang Terdaftar di Bursa Efek Indonesia Periode 2013-2017. *E-Proceeding of Management*, *6*(2), 2143–2148. openlibrarypublicacions.telkomunversity.ac.id/index.php/management/article/view/9560

Pusat Kebijakan Anggaran Pendapatan dan Belanja Negara. (2016). *Dampak Perkembangan Sektor Properti terhadap Perekonomian Daerah: Optimalisasi Penerimaan Pemerintah Daerah dari Sektor Properti*. fiskal.kemenkeu.go.id/kajian/2016/09/27/112320261370982-dampak-perkembangan-sektor-properti-terhadap-perekonomian-daerah-optimalisasi-penerimaan-pemerintah-daerah-dari-sektor-properti

Ramadhani, A. S., & Lukviarman, N. (2009). Perbandingan Analisis Prediksi Kebangkrutan Menggunakan Model Altman Pertama, Altman Revisi, dan Altman Modifikasi dengan Ukuran dan Umur Perusahaan sebagai Variabel Penjelas (Studi pada Perusahaan Manufaktur yang Terdaftar di Bursa Efek Indonesia). *Jurnal Siasat Bisnis*, *13*(1), 15–28. journal.uii.ac.id/JSB/article/view/2011

Rodoni, A., & Ali, H. (2010). *Manajemen Keuangan*. Penerbit Mitra Wacana.

Rohmadini, A. (2018). *Pengaruh Profitabilitas, Likuiditas dan Leverage terhadap Financial Distress*. repository.ub.ac.id/id/eprint/162262

Salim, M. N., & Ismudjoko, D. (2021). An Analysis of Financial Distress Accuracy Models in Indonesia Coal Mining Industry: An Altman, Springate, Zmijewski, Ohlson and Grover Approaches. *Journal of Economics, Finance and Accounting Studies (JEFAS)*, *3*(2), 1–12. https://doi.org/10.32996/jefas

Santoso, S. (2018). *Panduan Lengkap SPSS Versi 25*. PT Elex Media Komputindo.

Selvik, J. T., & Abrahamsen, E. B. (2017). On the meaning of accuracy and precision in a risk analysis context. *Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability*, *231*(2), 91–100. https://doi.org/10.1177/1748006X16686897

Setyaningsih, P. (2021, November 26). *Pasar Properti Residensial Di Tengah Pandemi Covid-19*. djkn.kemenkeu.go.id/kpknl-tarakan/baca-artikel/14441/Pasar-Properti-Residensial-Di-Tengah-Pandemi-Covid-19.html

Silaen, S. (2018). *Metode Penelitian Sosial untuk Penulisan Skripsi dan Tesis* (Edisi Revisi). In Media.

Siregar, S. (2010). *Statistika Deskriptif untuk Penelitian*. PT Raja Grafindo Persada.

Spence, M. (1973). Job Market Signaling. *The Quarterly Journal of Economics*, *87*(3), 355–374. jstor.org/stable/1882010

Spence, M. (2002). Signaling in Retrospect and the Informational Structure of Markets. *The American Economic Review*, *92*(3), 434–459. jstor.org/stable/3083350

Sriningsih, D. (2019). *Analisis Ketepatan Model Altman, Springate, dan Grover dalam Memprediksi Financial Distress* [Skripsi]. Universitas Jendral Soedirman.

Stehman, S. V. (1997). Selecting and Interpreting Measures of Thematic Classification Accuracy. *Remote Sensing of Environment*, *62*(1), 77–89. https://doi.org/10.1016/S0034-4257(97)00083-7

Sudjana, N. (1989). *Dasar-dasar Proses Belajar Mengajar*. Sinarbaru.

Sugiyono. (2018). *Metode Penelitian Kuantitatif*. Alfabeta.

Sugiyono. (2019). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.

Supitriyani, Astuti, & Azwar, K. (2022). Implementation of Springate, Altman, Grover and Zmijewski Models in Measuring Financial Distress. *International Journal of Trends in Accounting Research*, *3*(1), 1–8. https://journal.adaindonesia.or.id/index.php/ijtar/index

Supriati, D., Rangga Bawono, I., & Choirul Anam, K. (2019). Analisis Perbandingan Model Springate, Zmijewski, dan Altman dalam Memprediksi Financial Distress pada Perusahaan Manufaktur yang Terdaftar di Bursa Efek Indonesia. *Journal of Business Administration*, *3*(2), 2548–9909.

Taffler, R. J. (1983). The Assessment of Company Solvency and Performance Using a Statistical Model. *Accounting and Business Research*, *13*(52), 295–308. https://doi.org/10.1080/00014788.1983.9729767

Tuvadaratragool, S. (2013). *The Role of Financial Ratios in Signalling Financial Distress: Evidence from Thai Listed Companies* [Thesis, Southern Cross University]. researchportal.scu.edu.au/esploro/outputs/doctoral/The-role-of-financial-ratios-in/991012821520902368

Wahyuni, S. F., & Rubiyah. (2021). Analisis Financial Distress Menggunakan Metode Altman Z-Score, Springate, Zmijewski Dan Grover Pada Perusahaan Sektor Perkebunan yang Terdaftar di Bursa Efek Indonesia. *MANEGGIO: Jurnal Ilmiah Magister Manajemen*, *4*(1), 62–72. https://doi.org/10.30596/maneggio.v4i1.6714

Wareza, M. (2020, August 11). *Alert Bisnis Properti: Gagal Bayar, Rating Turun & Pailit*. cnbcindonesia.com/market/20200810222641-17-178814/alert-bisnis-properti-gagal-bayar-rating-turun-pailit

Weir, M. (2001). Concepts of property. *The National Legal Eagle*, *7*(1), 16–19. https://www.researchgate.net/publication/27826677

Widiyanto, A. (2013). *Statistik Terapan: Konsep dan Aplikasi dalam Penelitian, Pendidikan, Psikologi, dan Ilmu Sosial lainnya*. PT Alex Media Komputindo.

Winaya, G. Y., RM, K. M., Budiasih, I. G. A. N., & Wiratmaja, I. D. N. (2020). Analysis of Altman Z-Score and Zmijewski Bankruptcy Prediction in Telecommunication Sub-Sectors Registered in Indonesia Stock Exchange in 2016-2018. *American Journal of Humanities and Social Sciences Research*, *4*(1), 313–322. www.ajhssr.com

Zed, M. (2004). *Metode Penelitian Kepustakaan*. Yayasan Obor Indonesia.

Zidane, M. M., & Tojibussabirin, M. (2022). An Analysis of Altman, Zmijewski, Grover, Ohlson, and Springate Models in Predicting Financial Distress (A Case Study on PT Garuda Indonesia (Persero) Tbk in 2010-2020). *Reviu Akuntansi, Keuangan, Dan Sistem Informasi*, *1*(2), 34–42. https://doi.org/10.21776/reaksi.2022.01.2.01

Zmijewski, M. E. (1984). Methodological Issues Related to the Estimation of Financial Distress Prediction Models. *Studies on Current Econometric Issues in Accounting Research*, *22*, 59–82. jstor.org/stable/2490859