

DAFTAR PUSTAKA

- Ai, J. W., Ruan, Q. L., Liu, Q. H., & Zhang, W. H. (2016). Updates on the risk factors for latent tuberculosis reactivation and their managements. *Emerging Microbes & Infections*, 5(September 2014), e10. <https://doi.org/10.1038/emi.2016.10>
- Allen, L. J. S. (2010). An introduction to stochastic processes with applications to biology, second edition. In *Pearson Education, Inc* (Second). Pearson Education, Inc.
- Allen, L. J. S., & Lahodny, G. E. (2012). Extinction thresholds in deterministic and stochastic epidemic models. *Journal of Biological Dynamics*, 6(2), 590–611. <https://doi.org/https://doi.org/10.1080/17513758.2012.665502>
- Ayinla, A. Y., Othman, W. A. M., & Rabiu, M. (2021). A Mathematical Model of the Tuberculosis Epidemic. In *Acta Biotheoretica* (Vol. 69, Issue 3). Springer Netherlands. <https://doi.org/10.1007/s10441-020-09406-8>
- Bhunu, C. P., & Garira, W. (2015). Mathematical Modelling and Analysis A two strain tuberculosis transmission model with therapy and quarantine. *Mathematical Modelling and Analysis*, 14(February 2015), 291–312. <https://doi.org/10.3846/1392-6292.2009.14.291-312>
- Brauer, F. (2008). Compartmental models in epidemiology. In *Mathematical epidemiology, Lecture Notes in Mathematics* (Vol. 1945, Issue 5082, pp. 19–79). Springer. https://doi.org/10.1007/978-3-540-78911-6_2
- Cao, Z., Feng, W., Wen, X., Zu, L., & Cheng, M. (2019). Dynamics of a stochastic SIQR epidemic model with standard incidence. *Physica A: Statistical Mechanics and Its Applications*, 527, 1–12. <https://doi.org/https://doi.org/10.1016/j.physa.2019.121180>
- Chaulet, P. (1989). Tuberculosis: a six-month cure. In *World Health Forum* (Vol. 10, Issue 1, pp. 116–122).
- Crofton, J., Horne, N., & Miller, F. (2009). Crofton's Clinical Tuberculosis. In *Design*. http://www.tbrieder.org/publications/books_english/crofton_clinical.pdf
- Dadlani, A., Afolabi, R. O., Jung, H., Sohraby, K., & Kim, K. (2020). Deterministic Models in Epidemiology: From Modeling to Implementation. *ArXiv: Populations and Evolution*. <https://doi.org/https://doi.org/10.48550/arXiv.2004.04675>
- Diekmann, O., Heesterbeek, J. A. P., & Metz, J. A. J. (1990). On the definition and the computation of the basic reproduction ratio R_0 in models for infectious diseases in heterogeneous populations. *Journal of Mathematical Biology*, 28(4), 365–382. <https://doi.org/10.1007/BF00178324>
- Dutta, N. K., & Karakousis, P. C. (2014). Latent Tuberculosis Infection: Myths, Models, and Molecular Mechanisms. *Microbiology and Molecular Biology Reviews*, 78(3), 343–371. <https://doi.org/10.1128/mmbr.00010-14>
- Fatimatuzzahroh, Sumarno, H., & Sianturi, P. (2021). An analysis of ctmc stochastic models with quarantine on the spread of tuberculosis diseases. *Journal of Mathematical and Fundamental Sciences*, 53(1), 31–48. <https://doi.org/10.5614/J.MATH.FUND.SCI.2021.53.1.3>
- Flynn, J. L., & Chan, J. (2001). Tuberculosis: Latency and reactivation. *Infection and Immunity*, 69(7), 4195–4201. <https://doi.org/10.1128/IAI.69.7.4195-4201.2001>
- Fogel, N. (2015). Tuberculosis: A disease without boundaries. *Tuberculosis*, 95(5), 527–531. <https://doi.org/10.1016/j.tube.2015.05.017>
- Hikmah, F., Tri Ardianto, E., Nurmawati, I., Muflihatn, I., & Rachmawati, E. (2018).

EPIDEMIOLOGI. PUSTAKA PANASEA.

- Jia, Z., Cheng, S., & Jia, X. (2011). A mathematical model for evaluating tuberculosis. *Evidence-Based Medicine*, 4(9), 48–52. <https://doi.org/10.1111/j.1756-5391.2011.01116.x>
- Kasbawati, Tungga, R. A., Jaya, A. K., & Kalondeng, A. (2021). A mathematical study of tuberculosis infections using a deterministic model in comparison with continuous markov chain model. *Communications in Mathematical Biology and Neuroscience*, 25, 1–22. <https://doi.org/10.28919/cmbn/5180>
- Kemenkes RI. (2023). *Petunjuk teknis: KEGIATAN PENEMUAN KASUS TUBERKULOSIS (TBC) DENGAN SKRINING X-RAY DAN PEMBERIAN TERAPI PENCEGAHAN TUBERKULOSIS (TPT) PADA KONTAK SERUMAH DAN ERAT PASIEN TBC DI 25 KABUPATEN/KOTA TAHAP 2* (G. B. Adhi Leksono (ed.); Issue 28). Kementerian Kesehatan RI. https://tbindonesia.or.id/wp-content/uploads/2023/12/2023_fix_FINAL_Juknis-Skrining-TBC-25KK-new-Tahap-2.pdf
- Kementerian Kesehatan Republik Indonesia. (2022). *Factsheet Country Profile Indonesia 2022.* 1–48. <https://tbindonesia.or.id/wp-content/uploads/2023/02/Factsheet-Country-Profile-Indonesia-2022.pdf>
- kemkes.go.id. (2022a). Melalui Kegiatan INA – TIME 2022 Ke-4, Menkes Budi Minta 90% Penderita TBC Dapat Terdeteksi di Tahun 2024. Kemkes.Go.Id.
- kemkes.go.id. (2022b). Tahun ini, Kemenkes Rencanakan Skrining TBC Besar-besaran. Kemkes.Go.Id.
- Kesehatan Kementerian, R. I. (2023a). Laporan Program Penanggulangan Tuberkulosis Tahun 2022. In Kemenkes RI. https://tbindonesia.or.id/pustaka_tbc/laporan-tahunan-program-tbc-2021/
- Kesehatan Kementerian, R. I. (2023b). *TUBERCULOSIS CONTROL IN INDONESIA 2022.*
- Kuddus, M. A., McBryde, E. S., Adekunle, A. I., White, L. J., & Meehan, M. T. (2022). Mathematical analysis of a two-strain tuberculosis model in Bangladesh. *Scientific Reports*, 12(1), 1–13. <https://doi.org/10.1038/s41598-022-07536-2>
- Liang, Y., Greenhalgh, D., & Mao, X. (2016). A stochastic differential equation model for the spread of HIV amongst people who inject drugs. *Computational and Mathematical Methods in Medicine*, 2016. <https://doi.org/10.1155/2016/6757928>
- Makkawaru, A. I., Yunita, E., & Sarifuddin. (2019). Tb Miliary Disease on Nasofaringeal Carcinoma Case. *Jurnal Medical Profession (MedPro)*, 1(1), 1–6.
- Meksianis Z. Ndii. (2018). Pemodelan Matematika Dinamika Populasi dan Penyebaran Penyakit: Teori, Aplikasi dan Numerik. In Deepublish. Deepublish. <https://books.google.co.id/books?id=gaCHDwAAQBAJ&p...>
- Mode, C. J., & Sleeman, C. K. (2002). An algorithmic synthesis of the deterministic and stochastic paradigms via computer intensive methods. *Mathematical Biosciences*, 180(1–2), 115–126. [https://doi.org/10.1016/S0025-5564\(02\)00126-8](https://doi.org/10.1016/S0025-5564(02)00126-8)
- Moysis, L., Kafetzis, I., & Politis, M. (2016). A Dynamic Model for HIV Infection. *1st Panhellenic Conference of M. Sc. and Ph.D. New Holders in Mathematics, May*, 50–58.
- Ndii, M. Z., & Supriatna, A. K. (2017). Stochastic mathematical models in epidemiology. *Epidemiology and Infection*, 20(9), 6185–6196. https://www.researchgate.net/publication/322771873_Stochastic_mathematic

- al_models_in_epidemiology/link/5e9b0b65299bf13079a43ab5/download?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InB1YmxpY2F0aW9uliwicGFnZSI6InB1YmxpY2F0aW9uIn19
- Rivadeneira, P. S., Moog, C. H., Stan, G. B., Costanza, V., Brunet, C., Raffi, F., Ferré, V., Mhawej, M. J., Biafore, F., Ouattara, D. A., Ernst, D., Fonteneau, R., & Xia, X. (2014). Mathematical modeling of HIV dynamics after antiretroviral therapy initiation: A clinical research study. *AIDS Research and Human Retroviruses*, 30(9), 831–834. <https://doi.org/10.1089/aid.2013.0286>
- Ross, S. M. (2014). Introduction to Probability Models. In *Elsevier's Science & Technology* (11th ed.). Academic Press is an imprint of Elsevier. <https://doi.org/10.1016/c2013-0-11417-1>
- Sejati, A., & Sofiana, L. (2015). Faktor-Faktor Terjadinya Tuberkulosis. *Jurnal Kesehatan Masyarakat*, 10(2), 122. <https://doi.org/10.15294/kemas.v10i2.3372>
- Seung, K. J., Keshavjee, S., & Rich, M. L. (2015). Drug-Resistant Tuberculosis. *Cold Spring Harbor Perspectives in Medicine*, 1–20. <https://doi.org/doi:10.1101/cshperspect.a017863>
- Sutimin, Herdiana, R., Utomo, R. H. S., & Permatasari, A. H. (2021). Analysis of TB epidemic model with relapse and treatment. *Journal of Physics: Conference Series*, 1918(4). <https://doi.org/10.1088/1742-6596/1918/4/042030>
- Victor Trismanjaya Hulu, Salman, Supinganto, A., Amalia, L., Khariri, Sianturi, E., Nilasari, Siagian, N., Hastuti, P., & Syamarniati. (2020). Epidemiologi Penyakit Menular: Riwayat, Penularan dan Pencegahan. In *Paper Knowledge . Toward a Media History of Documents*.
- Villar-hernández, R., Ghodousi, A., Konstantynovska, O., Duarte, R., Lange, C., & Raviglione, M. (2023). Tuberculosis : current challenges and beyond. *Breathe*, 19(220166), 3–7. <https://doi.org/10.1183/20734735.0166-2022>
- WHO. (2021). *Systematic screening for active tuberculosis: an operational guide*. WHO Press. <https://www.who.int/publications/i/item/9789241549172>
- World Health Organization. (2015). Systematic screening for active tuberculosis. In *World Health Organization* (pp. 1–146).
- Zhang, J., Li, Y., & Zhang, X. (2015). Mathematical modeling of tuberculosis data of China. *Journal of Theoretical Biology*, 365, 159–163. <https://doi.org/10.1016/j.jtbi.2014.10.019>