

## DAFTAR PUSTAKA

- Asthana, S., Busa, V., & Labani, S. (2020). Oral contraceptives use and risk of cervical cancer—A systematic review & meta-analysis. In *European Journal of Obstetrics and Gynecology and Reproductive Biology* (Vol. 247, pp. 163–175). Elsevier Ireland Ltd. <https://doi.org/10.1016/j.ejogrb.2020.02.014>
- Bai X, Zhang X, Shi H, Geng G, Wu B, Lai Y, Xiang W, Wang Y, Cao Y, Shi B, Li Y, Wu, B., Lai, Y., Xiang, W., Wang, Y., & Cao, Y. (2022). Government drivers of breast cancer prevention: A spatiotemporal analysis based on the association between breast cancer and macro factors. *Frontiers in Public Health*, 10:954247. <https://doi.org/10.3389/fpubh.2022.954247>
- Balitbangkes Kemenkes RI. (2018). *Hasil Utama Riset Kesehatan Dasar Tahun 2018*.
- Bhatla, N., Aoki, D., Sharma, D. N., & Sankaranarayanan, R. (2021). Cancer of the cervix uteri: 2021 update. *International Journal of Gynecology and Obstetrics*, 155(S1), 28–44. <https://doi.org/10.1002/ijgo.13865>
- Bhatla, N., Berek, J. S., Cuello Fredes, M., Denny, L. A., Grenman, S., Karunaratne, K., Kehoe, S. T., Konishi, I., Olawaiye, A. B., Prat, J., Sankaranarayanan, R., Brierley, J., Mutch, D., Querleu, D., Cibula, D., Quinn, M., Botha, H., Sigurd, L., Rice, L., ... Natarajan, J. (2019). Revised FIGO staging for carcinoma of the cervix uteri. In *International Journal of Gynecology and Obstetrics* (Vol. 145, Issue 1, pp. 129–135). John Wiley and Sons Ltd. <https://doi.org/10.1002/ijgo.12749>

Birotapem DIY. (2023). *Profil Perkembangan Kependudukan Daerah Istimewa Yogyakarta Tahun 2023*.

BKPK Kemenkes RI. (2023). *Survei Kesehatan Indonesia Tahun 2023*.

Bogdanova, A., Andrawos, C., & Constantinou, C. (2022). Cervical cancer, geographical inequalities, prevention and barriers in resource depleted countries (Review). In *Oncology Letters* (Vol. 23, Issue 4). Spandidos Publications. <https://doi.org/10.3892/ol.2022.13233>

Bønløkke, S., Blaakær, J., Steiniche, T., & Iachina, M. (2024). Social factors and age play a significant role in cervical cancer and advanced-stage disease among Danish women. *BMC Cancer*, 24(1). <https://doi.org/10.1186/s12885-024-11994-4>

Borders, T. F., & Thaxton Wiggins, A. (2024). Cervical Cancer Screening Rates among Rural and Urban Females, from 2019 to 2022. *JAMA Network Open*, 7(6), e2417094. <https://doi.org/10.1001/jamanetworkopen.2024.17094>

BPS. (2023). *Indeks Pembangunan Manusia (IPM) 2023*.

BPS DIY. (2023). *Indikator Kesejahteraan Rakyat Daerah Istimewa Yogyakarta*.

BPS DIY. (2024). *Provinsi Daerah Istimewa Yogyakarta dalam Angka*.

Bray, F., Laversanne, M., Sung, H., Ferlay, J., Siegel, R. L., Soerjomataram, I., & Jemal, A. (2024). Global cancer statistics 2022: GLOBOCAN estimates of incidence and mortality worldwide for 36 cancers in 185 countries. *CA: A Cancer Journal for Clinicians*, 74(3), 229–263. <https://doi.org/10.3322/caac.21834>

- Broberg, G., Wang, J., Östberg, A. L., Adolfsson, A., Nemes, S., Sparén, P., & Strander, B. (2018). Socio-economic and demographic determinants affecting participation in the Swedish cervical screening program: A population-based case-control study. *PLoS ONE*, 13(1). <https://doi.org/10.1371/journal.pone.0190171>
- Byun, H. G., Lee, N., & Hwang, S. S. (2021). A systematic review of spatial and spatio-temporal analyses in public health research in korea. In *Journal of Preventive Medicine and Public Health* (Vol. 54, Issue 5, pp. 301–308). Korean Society for Preventive Medicine. <https://doi.org/10.3961/jpmph.21.160>
- Cooley, J. J. P., Maguire, F. B., Morris, C. R., Parikh-Patel, A., Abrahão, R., Chen, H. A., & Keegan, T. H. M. (2023). Cervical Cancer Stage at Diagnosis and Survival among Women  $\geq 65$  Years in California. *Cancer Epidemiology Biomarkers and Prevention*, 32(1), 91–97. <https://doi.org/10.1158/1055-9965.EPI-22-0793>
- Deependra, S., Jerome, V., Valentina, L., Marzieh, E., Ophira, G., Beatrice, L.-S., Marc, A., Partha, B., Freddie, B., & Salvatore, V. (2023). Global estimates of incidence and mortality of cervical cancer in 2020: a baseline analysis of the WHO Global Cervical Cancer Elimination Initiative. *Lancet Global Health*, 11(2), e197–e206. [https://doi.org/10.1016/S2214-109X\(22\)00501-0](https://doi.org/10.1016/S2214-109X(22)00501-0)
- Delam, H., Bazrafshan, M.-R., Eidi, A., & Student, B. (2020). Risk Factors for Cervical Cancer: An Epidemiological Review. In *J Health Sci Surveillance Sys* (Vol. 8, Issue 3).

- Devi, T. G., & Paul, C. N. (2018). Comparative Study of Risk Factors for Cancer Cervix among Women of Reproductive Age Women in Rural and Urban Area. *Annals of International Medical and Dental Research*, 4.
- Dong, Z., & Guo, C. (2021). A literature review of spatio-temporal data analysis. *Journal of Physics: Conference Series*, 1792(1). <https://doi.org/10.1088/1742-6596/1792/1/012056>
- Ferlay J, Ervik M, Lam F, Laversanne M, Colombet M, Mery L, Piñeros M, Znaor A, Soerjomataram I, & Bray F. (2024). *Cancer site ranking: Cervix Uteri*.
- IARC WHO. (2024a). *Estimated numbers from 2022 to 2050, Females, age [0-85+]* *Cervix uteri*. [https://gco.iarc.who.int/tomorrow/en/dataviz/trends?multiple\\_populations=1&sexes=2&cancers=23&types=0\\_1](https://gco.iarc.who.int/tomorrow/en/dataviz/trends?multiple_populations=1&sexes=2&cancers=23&types=0_1)
- IARC WHO. (2024b). *Estimated numbers from 2022 to 2050, Females, age [0-85+]* *Cervix uteri* (INDONESIA). [https://gco.iarc.who.int/tomorrow/en/dataviz/trends?multiple\\_populations=1&sexes=2&cancers=23&types=0\\_1&populations=360](https://gco.iarc.who.int/tomorrow/en/dataviz/trends?multiple_populations=1&sexes=2&cancers=23&types=0_1&populations=360)
- IARC-WHO. (2023). *Indonesia: Human Papillomavirus and Related Cancers, Fact Sheet 2023*. [www.hpvcentre.net](http://www.hpvcentre.net)
- Jogja Cancer Registry. (2017a). *Registrasi Kanker Berbasis Populasi*. <https://canreg.fk.ugm.ac.id/tentang-kami/registrasi-kanker-berbasis-populasi/>
- Jogja Cancer Registry. (2017b). *Registrasi Kanker Berbasis Rumah Sakit*. <https://canreg.fk.ugm.ac.id/tentang-kami/registrasi-kanker-berbasis-rumah-sakit-dan-populasi/>

- Jogja Cancer Registry. (2024). *Laporan Registrasi Kanker Berbasis Rumah Sakit periode Desember 2023*. <https://canreg.fk.ugm.ac.id/laporan-data/registrasi-kanker-berbasis-rumah-sakit-dr-sardjito-fkkmk-ugm/rkbr-desember-2023/>
- Kang, S., Wu, J., Li, J., Hou, Q., & Tang, B. (2021). Prognostic Significance of Clinicopathological Factors Influencing Overall Survival and Event- Free Survival of Patients with Cervical Cancer: A Systematic Review and Meta-Analysis. In *Medical Science Monitor* (Vol. 28). International Scientific Information, Inc. <https://doi.org/10.12659/MSM.934588>
- Kashyap, N., Krishnan, N., Kaur, S., & Ghai, S. (2019). Risk Factors of Cervical Cancer: A Case-Control Study. *Asia-Pacific Journal of Oncology Nursing*, 6(3), 308–314. [https://doi.org/10.4103/apjon.apjon\\_73\\_18](https://doi.org/10.4103/apjon.apjon_73_18)
- Kemenkes RI. (2023). *National Cervical Cancer Elimination Plan for Indonesia 2023-2030*.
- Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.01.07/MENKES/349/2018 Tentang Pedoman Nasional Pelayanan Kedokteran Tata Laksana Kanker Serviks (2018).
- Keputusan Menteri Kesehatan Republik Indonesia Nomor HK.02.02/MENKES/410/2016 Tentang Rumah Sakit Pelaksana Registrasi Kanker Dan Rumah Sakit Pusat Pengendali Data Beban Kanker Nasional, Pub. L. No. HK.02.02/MENKES/410/2016 (2016).
- Khazaei, Z., Sohrabivafa, M., Mansori, K., Naemi, H., & Goodarzi, E. (2019). Incidence and mortality of cervix cancer and their relationship with the human development index in 185 countries in the world: An ecology study in 2018.

*Advances in Human Biology*, 9(3), 222.

[https://doi.org/10.4103/aihb.aihb\\_15\\_19](https://doi.org/10.4103/aihb.aihb_15_19)

KPKN. (2019). *Pedoman Strategi & Langkah Aksi Pengembangan Registrasi Kanker Berbasis Populasi* (S. Gondhowiardjo, Ed.).

Leroux, D. (2021). *GIS and Cervical Cancer Screening: The Contribution of Spatial Analysis*.

Li, X., Hu, S. Y., He, Y., Hernandez Donoso, L., Qu, K. Q., Van Krieking, G., & Zhao, F. H. (2018). Systematic literature review of risk factors for cervical cancer in the Chinese population. In *Women's Health* (Vol. 14). SAGE Publications Ltd. <https://doi.org/10.1177/1745506518816599>

Li, X. Y., Li, G., Gong, T. T., Lv, J. Le, Gao, C., Liu, F. H., Zhao, Y. H., & Wu, Q. J. (2023). Non-Genetic Factors and Risk of Cervical Cancer: An Umbrella Review of Systematic Reviews and Meta-Analyses of Observational Studies. In *International Journal of Public Health* (Vol. 68). Frontiers Media S.A. <https://doi.org/10.3389/ijph.2023.1605198>

Liu, Y. M., Ni, L. Q., Wang, S. S., Lv, Q. L., Chen, W. J., & Ying, S. P. (2018). Outcome and prognostic factors in cervical cancer patients treated with surgery and concurrent chemoradiotherapy: A retrospective study. *World Journal of Surgical Oncology*, 16(1). <https://doi.org/10.1186/s12957-017-1307-0>

Mailman School of Public Health Columbia University. (2023). *Spatiotemporal Analysis*. <https://www.publichealth.columbia.edu/research/population-health-methods/spatiotemporal-analysis#websites>

- Muntyanu, A., Nechaev, V., Pastukhova, E., Logan, J., Rahme, E., Netchiporouk, E., Zubarev, A., & Litvinov, I. V. (2022). Risk factors and communities disproportionately affected by cervical cancer in the Russian Federation: A national population-based study. *The Lancet Regional Health - Europe*, 20, 100454. <https://doi.org/10.1016/j>
- NCI. (2024). *Cancer Registry*.  
[https://seer.cancer.gov/registries/cancer\\_registry/cancer\\_registry.html](https://seer.cancer.gov/registries/cancer_registry/cancer_registry.html)
- NCI-NIH. (2023, April 27). *Cervical Cancer Prognosis and Survival Rates*.  
<https://www.cancer.gov/types/cervical/survival>
- Olawaiye, A. B., Baker, T. P., Washington, M. K., & Mutch, D. G. (2021). The new (Version 9) American Joint Committee on Cancer tumor, node, metastasis staging for cervical cancer. *CA: A Cancer Journal for Clinicians*, 71(4), 287–298. <https://doi.org/10.3322/caac.21663>
- Poudel, K., & Sumi, N. (2019). Analyzing awareness on risk factors, barriers and prevention of cervical cancer among pairs of nepali high school students and their mothers. *International Journal of Environmental Research and Public Health*, 16(22). <https://doi.org/10.3390/ijerph16224382>
- Pratiwi, S. E., Trianto, H. F., Fatinah, N. N., Ilmiawan, M. I., Fitrianingrum, I., & Lestari, D. (2022). The Profile of Cervical Cancer Patients at Soedarso Hospital. *Indonesian Journal of Cancer*, 16(1), 33.  
<https://doi.org/10.33371/ijoc.v16i1.845>
- Priyadarshini, S., Swain, P. K., Agarwal, K., Jena, D., & Padhee, S. (2024). Trends in gynecological cancer incidence, mortality, and survival among elderly

women: A SEER study. *Aging Medicine*, 7(2), 179–188.

<https://doi.org/10.1002/agm2.12297>

Putri, A. R., Khaerunnisa, S., & Yuliati, I. (2019). Cervical Cancer Risk Factors Association in Patients at the Gynecologic-Oncology Clinic of Dr. Soetomo Hospital Surabaya. *Indonesian Journal of Cancer*, 13(4), 104.  
<https://doi.org/10.33371/ijoc.v13i4.610>

RS Dharmais. (2020). *Sistem Registrasi Kanker Indonesia*.  
<https://dharmais.co.id/srikandi/pengantar-4/>

S.B. Macfarlane, & C. AbouZahr. (2020). *Global Health Data methods: Spatial and spatio-temporal modeling*. <https://globalhealthdata.org/spatial-and-spatio-temporal-modelling/#header1>

Shen, T. T., Long, C. Y., & Wu, M. P. (2023). Favorable cervical cancer mortality-to-incidence ratios of countries with good human development index rankings and high health expenditures. *BMC Women's Health*, 23(1).  
<https://doi.org/10.1186/s12905-023-02423-y>

Shin, M. B., Liu, G., Mugo, N., Garcia, P. J., Rao, D. W., Bayer, C. J., Eckert, L. O., Pinder, L. F., Wasserheit, J. N., & Barnabas, R. V. (2021). A Framework for Cervical Cancer Elimination in Low-and-Middle-Income Countries: A Scoping Review and Roadmap for Interventions and Research Priorities. In *Frontiers in Public Health* (Vol. 9). Frontiers Media S.A.  
<https://doi.org/10.3389/fpubh.2021.670032>

Solikhah, S., Perwitasari, D. A., & Rejeki, D. S. S. (2022). Geographic Characteristics of Various Cancers in Yogyakarta Province, Indonesia: A



Spatial Analysis at the Community Level. *Asian Pacific Journal of Cancer Prevention*, 23(4), 1231–1238.

<https://doi.org/10.31557/APJCP.2022.23.4.1231>

Sripan, P., Pongnikorn, D., Chitapanarux, I., Tangmunkongvorakul, A., Daoprasert, K., Aurbul, L., Waisri, N., Manesai, P., Wannavongs, G., Suwanvanichkij, V., & Srithanaviboonchai, K. (2022). Geographical risk pattern and temporal trends in incidence of HPV-related cancers in northern Thailand: A population-based study. *PLoS ONE*, 17(6).  
<https://doi.org/10.1371/journal.pone.0270670>

Sugawara, Y., Tsuji, I., Mizoue, T., Inoue, M., Sawada, N., Matsuo, K., Ito, H., Naito, M., Nagata, C., Kitamura, Y., Sadakane, A., Tanaka, K., Tamakoshi, A., Tsugane, S., & Shimazu, T. (2019). Cigarette smoking and cervical cancer risk: An evaluation based on a systematic review and meta-analysis among Japanese women. *Japanese Journal of Clinical Oncology*, 49(1), 77–86.  
<https://doi.org/10.1093/jjco/hyy158>

TI BPJS Kesehatan. (2016). *Dashboard Fasilitas Kesehatan BPJS*.  
<https://faskes.bpjs-kesehatan.go.id/aplicares/#/app/dashboard>

Titiloye, N. A., Duduyemi, B. M., Asiamah, E. A., Okai, I., Ossei, P. P. S., Konney, T. O., & Fefemwole, P. K. (2018). Total abdominal hysterectomy in a Tertiary Hospital in Kumasi: Indication, Histopathological Findings and Clinicopathological Correlation. *Journal of Medical and Biomedical Sciences*, 7(1), 22–28. <https://doi.org/10.4314/jmbs.v7i1.3>

- Tjokroprawiro, B. A., Novitasari, K., Saraswati, W., Yuliati, I., Ulhaq, R. A., & Sulistya, H. A. (2024). The challenging journey of cervical cancer diagnosis and treatment at the second largest hospital in Indonesia. In *Gynecologic Oncology Reports* (Vol. 51). Elsevier B.V. <https://doi.org/10.1016/j.gore.2024.101325>
- Ueda, Y. (2024). Epidemiology of cervical cancer and HPV infection in Asia and Oceania. *Journal of Obstetrics and Gynaecology Research*. <https://doi.org/10.1111/jog.15943>
- Vu, T. Q. C., Truong, T. G., Tran, Q. D., & Bui, M. T. (2024). The Prevalence and Factors Related to Late-Stage Among Cervical Cancer Patients in Southeast Asian countries: A Systematic Review and Meta-Analysis. *Indian Journal of Gynecologic Oncology*, 22(1). <https://doi.org/10.1007/s40944-024-00797-x>
- Wang, M., Yuan, B., Zhou, Z. huan, & Han, W. wei. (2021). Clinicopathological characteristics and prognostic factors of cervical adenocarcinoma. *Scientific Reports*, 11(1). <https://doi.org/10.1038/s41598-021-86786-y>
- Wen, Q., Wang, X., Lv, J., Guo, Y., Pei, P., Yang, L., Chen, Y., Du, H., Burgess, S., Hacker, A., Liu, F., Chen, J., Yu, C., Chen, Z., & Li, L. (2022). Association between involuntary smoking and risk of cervical cancer in Chinese female never smokers: A prospective cohort study. *Environmental Research*, 212. <https://doi.org/10.1016/j.envres.2022.113371>
- Westerholt, R. (2024, April). *Extending the Moran scatterplot by indications of critical values and p-values: introducing the Moran seismogram and the drop plot*. <https://doi.org/10.5281/zenodo.10897792>

WHO. (2020). *The WHO Classification of Tumours: Female Genital Tumours* (5th Edition).

Wulandari, D. P., Laila, N., & Mushandi, R. (2023). Analisis Persebaran Fasilitas Kesehatan di DKI Jakarta Menggunakan Metode Geographically Weighted Regression. *Jurnal Sains Geografi*, 1(2).  
<https://doi.org/10.2210/jsg.vx1ix.xxx>

Xie, L., Chu, R., Wang, K., Zhang, X., Li, J., Zhao, Z., Yao, S., Wang, Z., Dong, T., Yang, X., Su, X., Qiao, X., Song, K., & Kong, B. (2020). Prognostic Assessment of Cervical Cancer Patients by Clinical Staging and Surgical-Pathological Factor: A Support Vector Machine-Based Approach. *Frontiers in Oncology*, 10. <https://doi.org/10.3389/fonc.2020.01353>

Yang, D. X., Soulos, P. R., Davis, B., Gross, C. P., & Yu, J. B. (2018). Impact of Widespread Cervical Cancer Screening. *American Journal of Clinical Oncology: Cancer Clinical Trials*, 41(3), 289–294.  
<https://doi.org/10.1097/COC.0000000000000264>

Yu, L., Sabatino, S. A., & White, M. C. (2019). Rural-urban and racial/ethnic disparities in invasive cervical cancer incidence in the United States, 2010–2014. *Preventing Chronic Disease*, 16(6).  
<https://doi.org/10.5888/pcd16.180447>

Zhang, S., Xu, H., Zhang, L., & Qiao, Y. (2020). Cervical cancer: Epidemiology, risk factors and screening. *Chinese Journal of Cancer Research*, 32(6), 720–728. <https://doi.org/10.21147/j.issn.1000-9604.2020.06.05>

Zhao, Y., Zhao, J., Xie, R., Zhang, Y., Xu, Y., Mao, J., Yan, C., & Sun, Y. (2023).

Association between family income to poverty ratio and HPV infection status among U.S. women aged 20 years and older: a study from NHANES 2003-2016. *Frontiers in Oncology*, 13. <https://doi.org/10.3389/fonc.2023.1265356>