

DAFTAR PUSTAKA

- Addo, J., Ayerbe, L., Mohan, K.M., Crichton, S., Sheldenkar, A., Chen, R., Wolfe, C.D.A., McKeivitt, C., 2012. Socioeconomic status and stroke: An updated review. *Stroke*. <https://doi.org/10.1161/STROKEAHA.111.639732>
- Adelborg, K., Szépligeti, S., Sundbøll, J., Horváth-Puhó, E., Henderson, V.W., Ording, A., Pedersen, L., Sørensen, H.T., 2017. Risk of Stroke in Patients with Heart Failure: A Population-Based 30-Year Cohort Study. *Stroke* 48, 1161–1168. <https://doi.org/10.1161/STROKEAHA.116.016022>
- Adib Mabruri, M., Retnowati, L., 2019. Faktor Resiko yang Mempengaruhi Kejadian Stroke Pada Pasien Usia Pertengahan (45-60 Tahun) Di Ruang Krissan RSUD Bangil Kabupaten Pasuruan. *Jurnal Keperawatan Terapan* 5, 172–183.
- Adisasmito, W., Amir, V., Atin, A., Megraini, A., Kusuma, D., 2020. Geographic and socioeconomic disparity in cardiovascular risk factors in Indonesia: Analysis of the basic health research 2018. *BMC Public Health* 20. <https://doi.org/10.1186/s12889-020-09099-1>
- Adriaansz, P.N., Rottie, J., Lolong, J., Studi, P., Keperawatan, I., Kedokteran, F., 2016. Hubungan Konsumsi Makanan Dengan Kejadian Hipertensi Pada Lansia Di Puskesmas Ranomuut Kota Manado 4.
- Arifah, F., 2016. Analisis Faktor Risiko Kejadian Stroke pada Penduduk Usia ≥ 15 tahun di Provinsi Sulawesi Barat Tahun 2007 dan 2013 (Analisis Data Riskesdas 2007 dan 2013).
- Arundhana, A.I., Utami, A.P., Muqni, A.D., Thalavera, M.T., 2018. Regional differences in obesity prevalence and associated factors among adults: Indonesia Basic Health Research 2007 and 2013. *Malays J Nutr* 24, 193–201.
- Asplund, K., Karvanen, J., Giampaoli, S., Jousilahti, P., Niemelä, M., Broda, G., Cesana, G., Dallongeville, J., Ducimetriere, P., Evans, A., Ferrières, J., Haas, B., Jorgensen, T., Tamosiunas, A., Vanuzzo, D., Wiklund, P.G., Yarnell, J., Kuulasmaa, K., Kulathinal, S., 2009. Relative risks for stroke by age, sex, and population based on follow-up of 18 european populations in the MORGAM project. *Stroke* 40, 2319–2326. <https://doi.org/10.1161/STROKEAHA.109.547869>
- Azzahra, V., Ronoatmodjo, S., 2022. Factors Associated with Stroke in Population Aged >15 Years in Special Region of Yogyakarta (Analysis of Basic Health Research 2018) 6, 91–96.

- Balgis, B., Sumardiyono, S., Handayani, S., 2022. Hubungan Antara Prevalensi Hipertensi, Prevalensi Dm Dengan Prevalensi Stroke Di Indonesia (Analisis Data Riskesdas Dan Profil Kesehatan 2018). *Jurnal Kesehatan Masyarakat (Undip)* 10, 379–384. <https://doi.org/10.14710/jkm.v10i3.33243>
- Banerjee, C., Moon, Y.P., Paik, M.C., Rundek, T., Mora-Mclaughlin, C., Vieira, J.R., Sacco, R.L., Elkind, M.S.V., 2012. Duration of diabetes and risk of ischemic stroke: The Northern Manhattan Study. *Stroke* 43, 1212–1217. <https://doi.org/10.1161/STROKEAHA.111.641381>
- Barbro B Johansson, 1999. Hypertension mechanism causing stroke. *Clin Exp Pharmacol Physiol* 26, 563–565.
- Bo Norrving, 2014. *Oxford Textbook of Stroke and Cerebrovascular Disease*, 1st ed. Oxford University Press, USA.
- Boehme, A.K., Esenwa, C., Elkind, M.S.V., 2017. Stroke Risk Factors, Genetics, and Prevention. *Circ Res.* <https://doi.org/10.1161/CIRCRESAHA.116.308398>
- Bororing, F.D., Kandou, G.D., Rombot, D.V., 2014. Gambaran Kebiasaan Makan Etnis Minahasa. *Jurnal kedokteran Komunitas dan Tropik II*, 25–30.
- BPJS Kesehatan, 2021. Penyakit Katastropik Berbiaya Mahal : Tetap Dijamin Program JKN-KIS, Info BPJS Kesehatan.
- BPS Sulut, 2023. Provinsi Sulawesi Utara Dalam Angka 2023.
- BPS Sulut, 2019a. Provinsi Sulawesi Utara Dalam Angka.
- BPS Sulut, 2019b. Profil Ketenagakerjaan Provinsi Sulawesi Utara Tahun 2018.
- Budi, H., Bahar, I., Sasmita Poltekkes Kemenkes Padang Jl Raya Siteba, H., Gadang, S., Nanggalo, K., Padang, K., 2018. Faktor Risiko Stroke pada Usia Produktif di Rumah Sakit Stroke Nasional (RSSN) Bukit Tinggi. *Jurnal Persatuan Perawat Nasional Indonesia* 03, 130–140.
- Che, B., Shen, S., Zhu, Z., Wang, A., Xu, T., Peng, Y., Li, Q., Ju, Z., Geng, D., Chen, J., He, J., Zhang, Y., Zhong, C., 2020. Education level and long-term mortality, recurrent stroke, and cardiovascular events in patients with ischemic stroke. *J Am Heart Assoc* 9. <https://doi.org/10.1161/JAHA.120.016671>
- Chen, G.C., Lu, D.B., Pang, Z., Liu, Q.F., 2013. Vitamin C intake, circulating vitamin C and risk of stroke: a meta-analysis of prospective studies. *J Am Heart Assoc* 2, 1–11. <https://doi.org/10.1161/JAHA.113.000329>
- Chen, R., Ovbiagele, B., Feng, W., 2016a. Diabetes and Stroke: Epidemiology, Pathophysiology, Pharmaceuticals and Outcomes. *American Journal of the Medical Sciences* 351, 380–386. <https://doi.org/10.1016/j.amjms.2016.01.011>

Lia Mulyani, 2023

ANALISIS FAKTOR RISIKO KEJADIAN STROKE PADA KELOMPOK USIA ≥ 35 TAHUN DI SULAWESI UTARA (ANALISIS DATA RISKESDAS 2018)

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Chen, R., Ovbiagele, B., Feng, W., 2016b. Diabetes and Stroke: Epidemiology, Pathophysiology, Pharmaceuticals and Outcomes. *American Journal of the Medical Sciences* 351, 380–386. <https://doi.org/10.1016/j.amjms.2016.01.011>
- Chen, R.L., Balami, J.S., Esiri, M.M., Chen, L.K., Buchan, A.M., 2010. Ischemic stroke in the elderly: An overview of evidence. *Nat Rev Neurol*. <https://doi.org/10.1038/nrneurol.2010.36>
- Chung, J., Lee, S.-R., Choi, E.-K., Park, S.-H., Lee, H., Choi, J., Han, M., Ahn, H.-J., Kwon, S., Lee, S., Han, K., Kim, S., Oh, S., Lip, G.Y.H., 2023. Cumulative Alcohol Consumption Burden and the Risk of Stroke in Young Adults. *Neurology* 100, e505–e515. <https://doi.org/10.1212/WNL.0000000000201473>
- Cong, X., Liu, S., Wang, W., Ma, J., Li, J., 2022. Combined consideration of body mass index and waist circumference identifies obesity patterns associated with risk of stroke in a Chinese prospective cohort study. *BMC Public Health* 22. <https://doi.org/10.1186/s12889-022-12756-2>
- Eshak, E.S., Honjo, K., Iso, H., Ikeda, A., Inoue, M., Sawada, N., Tsugane, S., 2017. Changes in the Employment Status and Risk of Stroke and Stroke Types. *Stroke* 48, 1176–1182. <https://doi.org/10.1161/STROKEAHA.117.016967>
- Fadhilah, N., 2019. Konsumsi Makanan Berisiko Faktor Penyebab Penyakit Tidak Menular. *Jurnal Ilmiah Kesehatan* 8.
- Farra Ramadany, A., Asist Pujarini, L., Candrasari, A., 2013. Hubungan Diabetes Melitus Dengan Kejadian Stroke Iskemik Di RSUD Dr. Moewardi Surakarta Tahun 2010 5.
- Feigin, V.L., Krishnamurthi, R. v., Theadom, A.M., Abajobir, A.A., Mishra, S.R., Ahmed, M.B., Abate, K.H., Mengistie, M.A., Wakayo, T., Abd-Allah, F., Abdulle, A.M., Abera, S.F., Mohammed, K.E., Abyu, G.Y., Asgedom, S.W., Atey, T.M., Betsu, B.D., Mezgebe, H.B., Tuem, K.B., Woldu, M.A., Aichour, A.N., Aichour, I., Aichour, M.T., Akinyemi, R.O., Alabed, S., Al-Raddadi, R., Alvis-Guzman, N., Amare, A.T., Ansari, H., Anwar, P., Ärnlöv, J., Fereshtehnejad, S., Weiderpass, E., Havmoeller, R., Asayesh, H., Avila-Burgos, L., Avokpaho, E.F.G.A., Afrique, L.E.R.A.S., Azarpazhooh, M.R., Barac, A., Barboza, M., Barker-Collo, S.L., Bärnighausen, T., Farvid, M.S., Mohammed, S., Bedi, N., Beghi, E., Giussani, G., Bennett, D.A., Hay, S.I., Goulart, A.C., Santos, I.S., Bensenor, I.M., Lotufo, P.A., Berhane, A., Jeemon, P., Bhaumik, S., Dandona, L., Dandona, R., Kumar, G.A., Birlik, S.M., Biryukov, S., Casey, D., Foreman, K.J., Goldberg, E.M., Khalil, I.A., Kyu, H.H., Manhertz, T., Mokdad, A.H., Naghavi, M., Nguyen, G., Nichols, E., Smith, M., Murray, C.J.L., Roth, G.A., Stanaway, J.D., Vos, T., Ellenbogen, R.G., Jakovljevic, M., Tirschwell, D.L., Zunt, J.R., Boneya, D.J., Hambisa, M., Bulto, L.N.B., Carabin, H., Castañeda-Orjuela, C.A., Catalá-López, F.,

Lia Mulyani, 2023

ANALISIS FAKTOR RISIKO KEJADIAN STROKE PADA KELOMPOK USIA ≥35 TAHUN DI SULAWESI UTARA (ANALISIS DATA RISKESDAS 2018)

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

Tabarés-Seisdedos, R., Chen, H., Chitheer, A.A., Chowdhury, R., Christensen, H., Deveber, G.A., Dharmaratne, S.D., Do, H.P., Nguyen, C.T., Nguyen, Q.L., Nguyen, T.H., Nong, V.M., Dokova, K., Dorsey, E.R., Eskandarieh, S., Fischer, F., Majeed, A., Steiner, T.J., Rawaf, S., Shakir, R., Shoman, H., Geleijnse, J.M., Gillum, R.F., Gona, P.N., Gughani, H.C., Gupta, R., Hachinski, V., Hamadeh, R.R., Hankey, G.J., Hareri, H.A., Heydarpour, P., Sahraian, M.A., Kasaeian, A., Malekzadeh, R., Roshandel, G., Sepanlou, S.G., Hotez, P.J., Javanbakht, M., Jonas, J.B., Kalkonde, Y., Kandel, A., Karch, A., Kastor, A., Rahman, M., Keiyoro, P.N., Khader, Y.S., Khan, E.A., Khang, Y., Khoja, A.T.A., Tran, B.X., Khubchandani, J., Kim, D., Kim, Y.J., Kivimaki, M., Kokubo, Y., Kosen, S., Kravchenko, M., Piradov, M.A., Varakin, Y.Y., Defo, B.K., Kulkarni, C., Kumar, R., Larsson, A., Lavados, P.M., Li, Y., Liang, X., Liben, M.L., Lo, W.D., Logroscino, G., Loy, C.T., Mackay, M.T., Meretoja, A., Szoeki, C.E.I., Abd El Razek, H.M., Mantovani, L.G., Massano, J., Mazidi, M., McAlinden, C., Mehata, S., Mehndiratta, M.M., Memish, Z.A., Mendoza, W., Mensah, G.A., Wijeratne, T., Miller, T.R., Mohamed Ibrahim, N., Mohammadi, A., Moradi-Lakeh, M., Velasquez, I.M., Musa, K.I., Ngunjiri, J.W., Ningrum, D.N.A., Norrving, B., Stein, D.J., Noubiap, J.J.N., Ogbo, F.A., Renzaho, A.M.N., Owolabi, M.O., Pandian, J.D., Parmar, P.G., Pereira, D.M., Petzold, M., Phillips, M.R., Poulton, R.G., Pourmalek, F., Qorbani, M., Rafay, A., Rai, R.K., Rajsic, S., Ranta, A., Rezai, M.S., Rubagotti, E., Sachdev, P., Safiri, S., Sahathevan, R., Samy, A.M., Santalucia, P., Sartorius, B., Satpathy, M., Sawhney, M., Saylan, M.I., Shaikh, M.A., Shamsizadeh, M., Sheth, K.N., Shigematsu, M., Silva, D.A.S., Sobngwi, E., Sposato, L.A., Stovner, L.J., Stovner, L.J., Abdulkader, R.S., Tanne, D., Thrift, A.G., Topor-Madry, R., Truelsen, T., Ukwaja, K.N., Uthman, O.A., Vasankari, T., Venketasubramanian, N., Vlassov, V. v., Wadilo, F., Wallin, M.T., Westerman, R., Wiysonge, C.S., Wolfe, C.D., Xavier, D., Xu, G., Yano, Y., Yimam, H.H., Yonemoto, N., Yu, C., Zaidi, Z., Zaki, M.E., 2017. Global, regional, and national burden of neurological disorders during 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet Neurol* 16, 877–897. [https://doi.org/10.1016/S1474-4422\(17\)30299-5](https://doi.org/10.1016/S1474-4422(17)30299-5)

Feng, D., He, J., He, F.J., Nowson, C.A., Macgregor, G.A., 2006. Articles Fruit and vegetable consumption and stroke: meta-analysis of cohort studies, *Lancet*.

Foroughi, M., Akhavanzanjani, M., Maghsoudi, Z., Ghiasvand, R., Khorvash, F., Askari, G., 2013. Stroke and Nutrition: A Review of Studies. *Int J Prev Med* 4, 165–179.

George, M.G., 2020. Risk factors for ischemic stroke in younger adults a focused update. *Stroke* 729–735. <https://doi.org/10.1161/STROKEAHA.119.024156>

George, M.G., Tong, X., Bowman, B.A., 2017. Prevalence of cardiovascular risk factors and strokes in younger adults. *JAMA Neurol* 74, 695–703. <https://doi.org/10.1001/jamaneurol.2017.0020>

- Ghani, L., Mihardja, L.K., Sumber Daya dan Pelayanan Kesehatan Jl Percetakan, P., Biomedis dan Teknologi Dasar Kesehatan Jl Percetakan, P., 2016. Faktor Risiko Dominan Penderita Stroke di Indonesia.
- Goldstein, L.B., Adams, R., Alberts, M.J., Appel, L.J., Brass, L.M., Bushnell, C.D., Culebras, A., DeGraba, T.J., Gorelick, P.B., Guyton, J.R., Hart, R.G., Howard, G., Kelly-Hayes, M., Nixon, J. V., Sacco, R.L., 2006. Primary prevention of ischemic stroke. A guideline from the American Heart Association/American Stroke Association Stroke Council: Cosponsored by the Atherosclerotic Peripheral Vascular Disease Interdisciplinary Working Group; Cardiovascular Nursing Council; Clinical Cardiology Council; Nutrition, Physical Activity, and Metabolism Council. *Stroke*. <https://doi.org/10.1161/01.STR.0000223048.70103.F1>
- Hardika, B.D., Yuwono, M., Zulkarnain, H., 2020. Faktor Risiko yang Mempengaruhi Terjadinya Stroke Non Hemoragik pada Pasien di RS RK Charitas dan RS Myria Palembang. *Jurnal Akademika Baiturrahim Jambi* 9, 268. <https://doi.org/10.36565/jab.v9i2.234>
- Harikedua, V.T., Pascoal, M.E., Ukus, H.O., Gizi Poltekkes Kemenkes Manado, J., 2018. Hubungan Pola Konsumsi Serat Makanan Cepat Saji Dan Aktivitas Fisik Dengan Aparatur Sipil Negara (ASN) Yang Obesitas Di Dinas Kesehatan Daerah Provinsi Sulawesi Utara, in: Seminar Nasional Tahun 2018 ISBN: 2549-0931. pp. 552–560.
- Hartaty, H., Haris, A., 2020. Hubungan Gaya Hidup dengan Kejadian Stroke Lifestyle Relationship with Stroke Incidence. *Jurnal Ilmiah Kesehatan Sandi Husada* 9, 976–982. <https://doi.org/10.35816/jiskh.v10i2.446>
- He, F.J., MacGregor, G.A., 2002. Effect of modest salt reduction on blood pressure: A meta-analysis of randomized trials. Implications for public health. *J Hum Hypertens*. <https://doi.org/10.1038/sj.jhh.1001459>
- Hu, D., Huang, J., Wang, Y., Zhang, D., Qu, Y., 2014. Fruit and Vegetables Consumption and Risk of Stroke A Meta-Analysis of Prospective Cohort Studies. *AHA Journals* 1613–1619. <https://doi.org/10.1161/STROKEAHA>
- Iskandar, A., Hadisaputro, S., Pudjonarko, D., Tugasworo Pramukarso, D., Muhammadiyah Aceh, U., Kesehatan Semarang, P., Kedokteran Undip, F., Kesehatan Masyarakat Undip, F., Kariadi, R., 2018. Gaya Hidup yang Berpengaruh terhadap Kejadian Stroke Iskemik pada Usia Kurang dari 45 Tahun 54–62.
- Jospeh, G.H., 2018. Analisis Pola Konsumsi Pangan di Provinsi Sulawesi Utara. *Jurnal Ilmiah Sains* 17, 176–188.
- Jx, S., David, M., Werring, J., 2020. Stroke: causes and clinical features. *Medicine* 561–566.

Lia Mulyani, 2023

ANALISIS FAKTOR RISIKO KEJADIAN STROKE PADA KELOMPOK USIA ≥35 TAHUN DI SULAWESI UTARA (ANALISIS DATA RISKESDAS 2018)

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Kannel, W.B., Wolf, P.A., Verter, J., 1983. Manifestations of Coronary Disease Predisposing to Stroke The Framingham Study. *JAMA* 250, 2942–2946.
- Katan, M., Luft, A., 2018. Global Burden of Stroke. *Semin Neurol* 38, 208–211. <https://doi.org/10.1055/s-0038-1649503>
- Kelly-Hayes, M., 2010. Influence of age and health behaviors on stroke risk: Lessons from longitudinal studies. *J Am Geriatr Soc.* <https://doi.org/10.1111/j.1532-5415.2010.02915.x>
- Kemenkes, 2018. Laporan Hasil Riset Kesehatan Dasar (Riskesdas) | Badan Penelitian dan Pengembangan Kesehatan.
- Kemenkes, 2013. Laporan_riskesdas_2013_final.
- Kemenkes RI, 2018. Analisis Beban Penyakit Nasional dan Sub Nasional Indonesia Tahun 2017.
- Khairatunnisa, 2017. Faktor Risiko yang Berhubungan dengan Kejadian Stroke pada Pasien di RSUD H.Sahudin Kutacane Kabupaten Aceh Tenggara.
- Kim, J.S., 2014. Stroke in Asia: A global disaster. *International Journal of Stroke* 9, 856–857. <https://doi.org/10.1111/ijis.12317>
- Kim, W., Kim, E.J., 2018. Heart failure as a risk factor for stroke. *J Stroke.* <https://doi.org/10.5853/jos.2017.02810>
- Kivioja, R., Pietilä, A., Martinez-Majander, N., Gordin, D., Havulinna, A.S., Salomaa, V., Aarnio, K., Curtze, S., Leiviskä, J., Rodríguez-Pardo, J., Surakka, I., Kaste, M., Tatlisumak, T., Putaala, J., 2018. Risk factors for early-onset ischemic stroke: A case-control study. *J Am Heart Assoc* 7. <https://doi.org/10.1161/JAHA.118.009774>
- Krishnamurthi, R. v., Moran, A.E., Feigin, V.L., Barker-Collo, S., Norrving, B., Mensah, G.A., Taylor, S., Naghavi, M., Forouzanfar, M.H., Nguyen, G., Johnson, C.O., Vos, T., Murray, C.J.L., Roth, G.A., 2015. Stroke Prevalence, Mortality and Disability-Adjusted Life Years in Adults Aged 20-64 Years in 1990-2013: Data from the Global Burden of Disease 2013 Study. *Neuroepidemiology* 45, 190–202. <https://doi.org/10.1159/000441098>
- Kuriakose, D., Xiao, Z., 2020. Pathophysiology and treatment of stroke: Present status and future perspectives. *Int J Mol Sci.* <https://doi.org/10.3390/ijms21207609>
- Laily, S.R., 2017. Relationship Between Characteristic and Hypertension With Incidence of Ischemic Stroke. *Jurnal Berkala Epidemiologi* 5, 48–59. <https://doi.org/10.20473/jbe.v5i1>

Lia Mulyani, 2023

ANALISIS FAKTOR RISIKO KEJADIAN STROKE PADA KELOMPOK USIA ≥ 35 TAHUN DI SULAWESI UTARA (ANALISIS DATA RISKESDAS 2018)

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Larsson, S.C., Wallin, A., Wolk, A., Markus, H.S., 2016. Differing association of alcohol consumption with different stroke types: A systematic review and meta-analysis. *BMC Med* 14. <https://doi.org/10.1186/s12916-016-0721-4>
- Luo, J., Tang, X., Li, F., Wen, H., Wang, L., Ge, S., Tang, C., Xu, N., Lu, L., 2022. Cigarette Smoking and Risk of Different Pathologic Types of Stroke: A Systematic Review and Dose-Response Meta-Analysis. *Front Neurol*. <https://doi.org/10.3389/fneur.2021.772373>
- Manurung, R.D., 2015a. Hubungan Faktor Predisposisi Dan Faktor Pencetus Terhadap Kejadian Stroke Dipoli Neurologi Rsud Dr. Pirngadi Medan Tahun 2014 Risma Dumiri Manurung. *Jurnal Ilmiah PANNMED* 10, 227–236.
- Manurung, R.D., 2015b. Hubungan Faktor Predisposisi Dan Faktor Pencetus Terhadap Kejadian Stroke Dipoli Neurologi Rsud Dr. Pirngadi Medan Tahun 2014. *Pannmed* 10.
- Marshall, I.J., Wang, Y., Crichton, S., McKeivitt, C., Rudd, A.G., Wolfe, C.D.A., 2015. The effects of socioeconomic status on stroke risk and outcomes. *Lancet Neurol*. [https://doi.org/10.1016/S1474-4422\(15\)00200-8](https://doi.org/10.1016/S1474-4422(15)00200-8)
- Millar, C.L., Duclos, Q., Blesso, C.N., 2017. Effects of dietary flavonoids on reverse cholesterol transport, HDL metabolism, and HDL function. *Advances in Nutrition*. <https://doi.org/10.3945/an.116.014050>
- Misbach, J., Ali, W., 2001. Stroke in Indonesia: A first large prospective hospital-based study of acute stroke in 28 hospitals in indonesia. *Journal of Clinical Neuroscience* 8, 245–249. <https://doi.org/10.1054/jocn.1999.0667>
- Nelms, M., Sucher, K., 2015. Nutrition therapy and pathophysiology.
- Ngafifi, M., 2014. Kemajuan Teknologi dan Pola Hidup Manusia Dalam Perspektif Sosial Budaya. *Jurnal Pembangunan Pendidikan : Fondasi dan Aplikasi* 2, 33–47.
- O'Donnell, M.J., Chin, S.L., Rangarajan, S., Xavier, D., Liu, L., Zhang, H., Rao-Melacini, P., Zhang, X., Pais, P., Agapay, S., Lopez-Jaramillo, P., Damasceno, A., Langhorne, P., McQueen, M.J., Rosengren, A., Dehghan, M., Hankey, G.J., Dans, A.L., Elsayed, A., Avezum, A., Mondo, C., Diener, H.C., Ryglewicz, D., Czlonkowska, A., Pogosova, N., Weimar, C., Iqbal, R., Diaz, R., Yusuf, K., Yusufali, A., Oguz, A., Wang, X., Penaherrera, E., Lanus, F., Ogah, O.S., Ogunniyi, A., Iversen, H.K., Malaga, G., Rumboldt, Z., Oveisgharan, S., Al Hussain, F., Magazi, D., Nilanont, Y., Ferguson, J., Pare, G., Yusuf, S., 2016. Global and regional effects of potentially modifiable risk factors associated with acute stroke in 32 countries (INTERSTROKE): a case-control study. *The Lancet* 388, 761–775. [https://doi.org/10.1016/S0140-6736\(16\)30506-2](https://doi.org/10.1016/S0140-6736(16)30506-2)

Lia Mulyani, 2023

ANALISIS FAKTOR RISIKO KEJADIAN STROKE PADA KELOMPOK USIA ≥35 TAHUN DI SULAWESI UTARA (ANALISIS DATA RISKESDAS 2018)

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Ospel, J., Singh, N., Ganesh, A., Goyal, M., 2023. Sex and Gender Differences in Stroke and Their Practical Implications in Acute Care. *J Stroke* 25, 16–25. <https://doi.org/10.5853/jos.2022.04077>
- Palm, F., Urbanek, C., Wolf, J., Buggle, F., Kleemann, T., Hennerici, M.G., Inselmann, G., Hagar, M., Safer, A., Becher, H., Grau, A.J., 2012. Etiology, risk factors and sex differences in ischemic stroke in the ludwigshafen stroke study, a population-based stroke registry. *Cerebrovascular Diseases* 33, 69–75. <https://doi.org/10.1159/000333417>
- Pan, B., Jin, X., Jun, L., Qiu, S., Zheng, Q., Pan, M., 2019. The relationship between smoking and stroke A meta-analysis. *Medicine (United States)*. <https://doi.org/10.1097/MD.00000000000014872>
- Pandian, J.D., Sudhan, P., 2013. Stroke Epidemiology and Stroke Care Services in India. *J Stroke* 15, 128. <https://doi.org/10.5853/jos.2013.15.3.128>
- Paruntu, O.L., Rumagit, Fred.A., Kures, G.S., 2015. Hubungan Aktivitas Fisik, Status Gizi Dan Hipertensi Pada Pegawai Di Wilayah Kecamatan Tomohon Utara.
- Putri, A.I., 2015. Frekuensi dan Determinan Kejadian Stroke pada Penderita Hipertensi Dewasa di Wilayah Perdesaan Indonesia Tahun 2013 (Analisis Data RISKESDAS 2013). <https://doi.org/10.13140/RG.2.2.23164.16003>
- Radhika, G., Sudha, V., Mohan Sathya, R., Ganesan, A., Mohan, V., 2008. Association of fruit and vegetable intake with cardiovascular risk factors in urban south Indians. *British Journal of Nutrition* 99, 398–405. <https://doi.org/10.1017/S0007114507803965>
- Redon, J., Olsen, M.H., Cooper, R.S., Zurriaga, O., Martinez-Beneito, M.A., Laurent, S., Cifkova, R., Coca, A., Mancia, G., 2011. Stroke mortality and trends from 1990 to 2006 in 39 countries from Europe and Central Asia: Implications for control of high blood pressure. *Eur Heart J* 32, 1424–1431. <https://doi.org/10.1093/eurheartj/ehr045>
- Reeves, M.J., Bushnell, C.D., Howard, G., Gargano, J.W., Duncan, P.W., Lynch, G., Khatiwoda, A., Lisabeth, L., 2008. Review Sex differences in stroke: epidemiology, clinical presentation, medical care, and outcomes. www.thelancet.com/neurology 7. <https://doi.org/10.1016/S1474>
- Roger, V.L., Go, A.S., Lloyd-Jones, D.M., Adams, R.J., Berry, J.D., Brown, T.M., Carnethon, M.R., Dai, S., De Simone, G., Ford, E.S., Fox, C.S., Fullerton, H.J., Gillespie, C., Greenlund, K.J., Hailpern, S.M., Heit, J.A., Michael Ho, P., Howard, V.J., Kissela, B.M., Kittner, S.J., Lackland, D.T., Lichtman, J.H., Lisabeth, L.D., Makuc, D.M., Marcus, G.M., Marelli, A., Matchar, D.B., McDermott, M.M., Meigs, J.B., Moy, C.S., Mozaffarian, D., Mussolino, M.E.,

Lia Mulyani, 2023

ANALISIS FAKTOR RISIKO KEJADIAN STROKE PADA KELOMPOK USIA ≥35 TAHUN DI SULAWESI UTARA (ANALISIS DATA RISKESDAS 2018)

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- Nichol, G., Paynter, N.P., Rosamond, W.D., Sorlie, P.D., Stafford, R.S., Turan, T.N., Turner, M.B., Wong, N.D., Wylie-Rosett, J., 2011. Heart disease and stroke statistics-2011 update: A report from the American Heart Association. *Circulation* 123. <https://doi.org/10.1161/CIR.0b013e3182009701>
- Sacco, R.L., Kasner, S.E., Broderick, J.P., Caplan, L.R., Connors, J.J., Culebras, A., Elkind, M.S.V., George, M.G., Hamdan, A.D., Higashida, R.T., Hoh, B.L., Janis, L.S., Kase, C.S., Kleindorfer, D.O., Lee, J.M., Moseley, M.E., Peterson, E.D., Turan, T.N., Valderrama, A.L., Vinters, H. V., 2013. An updated definition of stroke for the 21st century: A statement for healthcare professionals from the American heart association/American stroke association. *Stroke* 44, 2064–2089. <https://doi.org/10.1161/STR.0B013E318296AECA/FORMAT/EPUB>
- Sarfo, Fred S., Mobula, L.M., Plange-Rhule, J., Ansong, D., Ofori-Adjei, D., 2018. Incident stroke among Ghanaians with hypertension and diabetes: A multicenter, prospective cohort study. *J Neurol Sci* 395, 17–24. <https://doi.org/10.1016/j.jns.2018.09.018>
- Sarfo, Fred Stephen, Ovbiagele, B., Gebregziabher, M., Wahab, K., Akinyemi, R., Akpalu, A., Akpa, O., Obiako, R., Owolabi, L., Jenkins, C., Owolabi, M., 2018. Stroke among young West Africans: Evidence from the SIREN (stroke investigative research and educational network) large multisite case-control study. *Stroke* 49, 1116–1120. <https://doi.org/10.1161/STROKEAHA.118.020783>
- Sari, I.E., Kaunang, W.P.J., Ratag, B.T., Kesehatan, F., Universitas, M., Ratulangi, S., Abstrak, M., 2019. Hubungan Antara Kebiasaan Mengonsumsi Minuman Beralkohol Dan Aktivitas Fisik Dengan Kejadian Hipertensi Di Desa Karumenga Kecamatan Langowan Utara Kabupaten Minahasa, *Jurnal Kesmas*.
- Sauvaget, C., Nagano, J., Allen, N., Kodama, K., 2003. Vegetable and fruit intake and stroke mortality in the Hiroshima/Nagasaki life span study. *Stroke* 34, 2355–2360. <https://doi.org/10.1161/01.STR.0000089293.29739.97>
- Setiawan, Y., 2018. Faktor-Faktor Yang Berhubungan Dengan Kejadian Stroke Pada Usia Muda Di Ruang Wijaya RSUD Kota Bekasi. *Jurnal Ilmiah Keperawatan* 7.
- Sierra, C., Coca, A., Schiffrin, E.L., 2011. Vascular mechanisms in the pathogenesis of stroke. *Curr Hypertens Rep* 13, 200–207. <https://doi.org/10.1007/s11906-011-0195-x>
- Smyth, A., O'Donnell, M., Rangarajan, S., Hankey, G.J., Oveisgharan, S., Canavan, M., McDermott, C., Xavier, D., Zhang, H., Damasceno, A., Avezum, A., Pogosova, N., Oguz, A., Ryglewicz, D., Iversen, H.K., Lanan, F., Rosengren,

Lia Mulyani, 2023

ANALISIS FAKTOR RISIKO KEJADIAN STROKE PADA KELOMPOK USIA ≥35 TAHUN DI SULAWESI UTARA (ANALISIS DATA RISKESDAS 2018)

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

- A., Yusuf, S., Langhorne, P., 2023. Alcohol Intake as a Risk Factor for Acute Stroke: The INTERSTROKE Study. *Neurology* 100, E142–E153. <https://doi.org/10.1212/WNL.0000000000201388>
- Strazzullo, P., D’Elia, L., Kandala, N.B., Cappuccio, F.P., 2009. Salt intake, stroke, and cardiovascular disease: Meta-analysis of prospective studies. *BMJ (Online)* 339, 1296. <https://doi.org/10.1136/bmj.b4567>
- Sukoco, O., Pandelaki, K., Pauline, G.J., Fakultas, W., Masyarakat, K., Ratulangi, S., 2022. Factors Related to the Incidence of Hypertension in Bitung City, North Sulawesi Province. *Gorontalo Journal of Public Health* 5, 24–30.
- Sumael, Z.M., Paturusi, A., Telew, D.A., Studi, P., Masyarakat, I.K., 2020. Hubungan Aktivitas Fisik dengan Kejadian Obesitas Di Puskesmas Pangolombian. *Jurnal Kesehatan Masyarakat UNIMA* 1, 30–36.
- Syauqy, A., Wiragapa, L.R., Soekatri, M.Y.E., Ernawati, F., Nissa, C., Dieny, F.F., 2023. Hubungan Antara Pola Makan Dan Kondisi Penyerta Dengan Prevalensi Strok Pada Usia Dewasa Di Indonesia: Analisis Data Riskesdas 2018. *GIZI INDONESIA* 46, 121–132. <https://doi.org/10.36457/gizindo.v46i1.785>
- Tang, X.N., Liebeskind, D.S., Towfighi, A., 2017. The Role of Diabetes, Obesity, and Metabolic Syndrome in Stroke. *Semin Neurol* 37, 267–273. <https://doi.org/10.1055/s-0037-1603753>
- Thamrin, S.A., Arsyad, D.S., Kuswanto, H., Lawi, A., Arundhana, A.I., 2022. Obesity Risk-Factor Variation Based on Island Clusters: A Secondary Analysis of Indonesian Basic Health Research 2018. *Nutrients* 14. <https://doi.org/10.3390/nu14050971>
- Threapleton, D.E., Greenwood, D.C., Evans, C.E.L., Cleghorn, C.L., Nykjaer, C., Woodhead, C., Cade, J.E., Gale, C.P., Burley, V.J., 2013. Dietary fiber intake and risk of first stroke: A systematic review and meta-analysis. *Stroke* 44, 1360–1368. <https://doi.org/10.1161/STROKEAHA.111.000151/-/DC1>
- Thun, M.J., Apicella, L.F., Henley, M.S.J., 2000. Smoking vs Other Risk Factors as the Cause of Smoking-Attributable Deaths Confounding in the Courtroom. *JAMA* 284, 706–712.
- Tsao, C.W., Aday, A.W., Almarzooq, Z.I., Alonso, A., Beaton, A.Z., Bittencourt, M.S., Boehme, A.K., Buxton, A.E., Carson, A.P., Commodore-Mensah, Y., Elkind, M.S.V., Evenson, K.R., Eze-Nliam, C., Ferguson, J.F., Generoso, G., Ho, J.E., Kalani, R., Khan, S.S., Kissela, B.M., Knutson, K.L., Levine, D.A., Lewis, T.T., Liu, J., Loop, M.S., Ma, J., Mussolino, M.E., Navaneethan, S.D., Perak, A.M., Poudel, R., Rezk-Hanna, M., Roth, G.A., Schroeder, E.B., Shah, S.H., Thacker, E.L., Vanwagner, L.B., Virani, S.S., Voecks, J.H., Wang, N.Y., Yaffe, K., Martin, S.S., 2022. Heart Disease and Stroke Statistics-2022

Lia Mulyani, 2023

ANALISIS FAKTOR RISIKO KEJADIAN STROKE PADA KELOMPOK USIA ≥35 TAHUN DI SULAWESI UTARA (ANALISIS DATA RISKESDAS 2018)

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

Update: A Report from the American Heart Association. *Circulation*.
<https://doi.org/10.1161/CIR.0000000000001052>

Tu, W.J., Zhao, Z., Yin, P., Cao, L., Zeng, J., Chen, H., Fan, D., Fang, Q., Gao, P., Gu, Y., Tan, G., Han, J., He, L., Hu, B., Hua, Y., Kang, D., Li, H., Liu, J., Liu, Y., Lou, M., Luo, B., Pan, S., Peng, B., Ren, L., Wang, Lihua, Wu, J., Xu, Yuming, Xu, Yun, Yang, Y., Zhang, M., Zhang, S., Zhu, L., Zhu, Y., Li, Z., Chu, L., An, X., Wang, Lingxiao, Yin, M., Li, M., Yin, L., Yan, W., Li, C., Tang, J., Zhou, M., Wang, Longde, 2023. Estimated Burden of Stroke in China in 2020. *JAMA Netw Open* 6, E231455.
<https://doi.org/10.1001/jamanetworkopen.2023.1455>

Wang, T.J., Parise, H., Levy, D., D'agostino, R.B., Wolf, P.A., Vasan, R.S., Benjamin, E.J., 2004. Obesity and the Risk of New-Onset Atrial Fibrillation. *JAMA* 292, 2471–2477.

Wang, Y., Zhao, R., Wang, B., Zhao, C., Zhu, B., Tian, X., 2022. The Dose-Response Associations of Sugar-Sweetened Beverage Intake with the Risk of Stroke, Depression, Cancer, and Cause-Specific Mortality: A Systematic Review and Meta-Analysis of Prospective Studies. *Nutrients* 14.
<https://doi.org/10.3390/nu14040777>

Wang, Z.M., Zhao, D., Nie, Z.L., Zhao, H., Zhou, B., Gao, W., Wang, L.S., Yang, Z.J., 2014. Flavonol intake and stroke risk: A meta-analysis of cohort studies. *Nutrition* 30, 518–523. <https://doi.org/10.1016/J.NUT.2013.10.009>

Wayunah, Muhammad Saefulloh, 2016. Analisis Faktor Yang Berhubungan Dengan Kejadian Stroke Di RSUD Indramayu. *Jurnal Pendidikan Keperawatan Indonesia* 2, 65–76.

Wolf, P.A., D, R.B., Belanger, A.J., Kannel, W.B., 1991. Probability of Stroke: A Risk Profile From the Framingham Study. *Stroke* 22, 312–318.

WSO, 2022. WSO Global Stroke Fact Sheet 2022 | World Stroke Organization [WWW Document]. URL <https://www.world-stroke.org/news-and-blog/news/wso-global-stroke-fact-sheet-2022> (accessed 6.14.22).

Wu, S.H., Woo, J., Zhang, X.H., 2013. Worldwide socioeconomic status and stroke mortality: An ecological study. *Int J Equity Health* 12.
<https://doi.org/10.1186/1475-9276-12-42>

Xiuyun, W., Qian, W., Minjun, X., Weidong, L., Lizhen, L., 2020. Education and stroke: evidence from epidemiology and Mendelian randomization study. *Sci Rep* 10. <https://doi.org/10.1038/s41598-020-78248-8>

Yusuf, S., Joseph, P., Rangarajan, S., Islam, S., Mente, A., Hystad, P., Brauer, M., Kutty, V.R., Gupta, R., Wielgosz, A., AlHabib, K.F., Dans, A., Lopez-Jaramillo, P., Avezum, A., Lanas, F., Oguz, A., Kruger, I.M., Diaz, R., Yusoff,

Lia Mulyani, 2023

ANALISIS FAKTOR RISIKO KEJADIAN STROKE PADA KELOMPOK USIA ≥35 TAHUN DI SULAWESI UTARA (ANALISIS DATA RISKESDAS 2018)

UPN Veteran Jakarta, Fakultas Ilmu Kesehatan, Gizi Program Sarjana

[www.upnvj.ac.id – www.library.upnvj.ac.id – www.repository.upnvj.ac.id]

K., Mony, P., Chifamba, J., Yeates, K., Kelishadi, R., Yusufali, A., Khatib, R., Rahman, O., Zatonska, K., Iqbal, R., Wei, L., Bo, H., Rosengren, A., Kaur, M., Mohan, V., Lear, S.A., Teo, K.K., Leong, D., O'Donnell, M., McKee, M., Dagenais, G., 2020. Modifiable risk factors, cardiovascular disease, and mortality in 155 722 individuals from 21 high-income, middle-income, and low-income countries (PURE): a prospective cohort study. *The Lancet* 395, 795–808. [https://doi.org/10.1016/S0140-6736\(19\)32008-2](https://doi.org/10.1016/S0140-6736(19)32008-2)

Zajacova, A., Lawrence, E.M., 2018. The Relationship between Education and Health: Reducing Disparities Through a Contextual Approach. *Annu Rev Public Health*. <https://doi.org/10.1146/annurev-publhealth-031816-044628>

Zhang, F.L., Guo, Z.N., Wu, Y.H., Liu, H.Y., Luo, Y., Sun, M.S., Xing, Y.Q., Yang, Y., 2017. Prevalence of stroke and associated risk factors: A population based cross sectional study from northeast China. *BMJ Open* 7. <https://doi.org/10.1136/bmjopen-2016-015758>