

Md. Shafiur Rahman

2. 学術論文

- 1) Original Papers, First Author, Rahman, M. M., Rahman, M. S. (co-first author), Islam, M. R., Gilmour, S., Haruyama, R., Budukh, A., Shankar, A., Mishra, G., Mehrotra, R., Matsuda, T., Inoue, M., Abe, S. K., March 2025, English, Regional variations and inequalities in testing for early detection of breast and cervical cancer: evidence from a nationally representative survey in India., peer-reviewed, Journal of Epidemiology, 35(3), 129-140, 10.2188/jea.JE20240065, Co-first author
- 2) Original Papers, First and Responsible Author, Rahman, M. S., Rahman, M. M., Acharya, K., Haruyama, R., Shah, R., Matsuda, T., Inoue, M., & Abe, S. K., August 2024, English, Disparities and determinants of testing for early detection of cervical cancer among Nepalese women: evidence from a population-based survey., peer-reviewed, Cancer Epidemiol Biomarkers Prev, 33 (8), 1046-1056, 10.1158/1055-9965.EPI-24-0037
- 3) Review Papers, Co-author, Nagata, A., Rahman, M. S., Rahman, M. M., Nakagawa, T., Sharmin, S., Onishi, K., & Rahman, M., November 2024, English, Prenatal exposure to antibiotics and the risk of orofacial clefts: a protocol for a systematic review and meta-analysis., peer-reviewed, BMJ Open, 14(11), e092019, 10.1136/bmjopen-2024-092019
- 4) Original Papers, Co-author, Egami, H., Rahman, M. S., Yamamoto, T., Egami, C., & Wakabayashi, T., August 2024, English, Causal effect of video gaming on mental wellbeing in Japan 2020-2022., peer-reviewed, Nature Human Behaviour, 8(10), 1943-1956, 10.1038/s41562-024-01948-y
- 5) Others (reports, etc.), Co-author, Gilmour, S., & Rahman, M. S., November 2024, English, Time for The Lancet to speak up for the children of Gaza., non-refereed, The Lancet, 404(10464), 1726-1727, 10.1016/S0140-6736(24)02291-8, Correspondence
- 6) Original Papers, Co-author, Islam, M. R., Rahman, M. M., Rahman, M. S., Abe, S. K., Akmatov, M. K., & Hashizume, M., May 2024, English, Trends and projections of age-appropriate vaccination coverage in 41 low-and middle-income countries in Asia and Sub-Saharan Africa, 2000-2030., peer-reviewed, Frontiers in Public Health, 12, 1371258, 10.3389/fpubh.2024.1371258
- 7) Original Papers, Co-author, Ho, N. T., Abe, S. K., Rahman, M. S., Islam, R., Saito, E., Gupta, P. C., Pednekar, M. S., Sawada, N., Tsugane, S., Tamakoshi, A., Kimura, T., Shu, X. O., Gao, Y. T., Koh, W. P., Cai, H., Wen, W., Sakata, R., Tsuji, I., Malekzadeh, R., Pourshams, A., Kanemura, S., Kim, J., Chen, Y., Ito, H., Oz

- e, I., Nagata, C., Wada, K., Sugawara, Y., Park, S. K., Shin, A., Yuan, J. M., Wang, R., Kweon, S. S., Shin, M. H., Poustchi, H., Vardanjani, H. M., Ahsan, H., Chia, K. S., Matsuo, K., Qiao, Y. L., Rothman, N., Zheng, W., Inoue, M., Kang, D., & Boffetta, P., April 2024, English, Diabetes is associated with increased liver cancer incidence and mortality in adults: A report from Asia Cohort Consortium, peer-reviewed, *International Journal of Cancer*, 155(5), 854-870, 10.1002/ijc.34965
- 8) Original Papers, Co-author, Kishida, R., Yin, X., Abe, S. K., Rahman, M. S., Saito, E., Islam, M. R., Lan, Q., Blechter, B., Rothman, N., Sawada, N., Tamakoshi, A., Shu, X. O., Hozawa, A., Kanemura, S., Kim, J., Sugawara, Y., Park, S. K., Kweon, S. S., Ahsan, H., Boffetta, P., Chia, K. S., Matsuo, K., Qiao, Y. L., Zheng, W., Inoue, M., Kang, D., & Seow, W. J., October 2024, English, Association between family history with lung cancer incidence and mortality risk in the Asia Cohort Consortium, peer-reviewed, *International Journal of Cancer*, 156(4), 723-733, doi.org/10.1002/ijc.35191
- 9) Original Papers, Co-author, Wada, K., Kuboyama, K., Abe, S. K., Rahman, M. S., Islam, M. R., Saito, E., Nagata, C., Sawada, N., Tamakoshi, A., Shu, X.-O., Sakata, R., Hozawa, A., Kanemura, S., Ito, H., Sugawara, Y., Park, S. K., Kweon, S. S., Ono, A., Kimura, T., Wen, W., Oze, I., Shin, M. H., Shin, A., Kim, J., Lee, J. E., Matsuo, K., Rothman, N., Qiao, Y. L., Zheng, W., Boffetta, P., & Inoue, M., November 2024, English, Body mass index and breast cancer risk in premenopausal and postmenopausal East Asian women: a pooled analysis of 13 cohort studies., peer-reviewed, *Breast Cancer Research*, 26(1), 158, 10.1186/s13058-024-01907-5
- 10) Original Papers, Co-author, Merritt, M. A., Abe, S. K., Islam, M. R., Rahman, M. S., Saito, E., Katagiri, R., Shin, A., Choi, J.-Y., Le Marchand, L., Killeen, J. L., Gao, Y. T., Tamakoshi, A., Koh, W. P., Sakata, R., Sawada, N., Tsuji, I., Sugawara, Y., Park, S. K., Kweon, S. S., Kimura, T., Yuan, J. M., Tsugane, S., Kanemura, S., Lu, Y., Shin, M. H., Wen, W., Ahsan, H., Boffetta, P., Chia, K. S., Matsuo, K., Qiao, Y. L., Rothman, N., Zheng, W., Inoue, M., & Kang, D., December 2024, English, Reproductive factors and risk of epithelial ovarian cancer: results from the Asia Cohort Consortium, peer-reviewed, *British Journal of Cancer*, 132, 361-370, 10.1038/s41416-024-02924-z
- 11) Original Papers, Co-author, Huang, D., Song, M., Abe, S. K., Rahman, M. S., Islam, M. R., Saito, E., De la Torre, K., Sawada, N., Tamakoshi, A., Shu, X.-O., Cai, H., Hozawa, A., Kanemura, S., Kim, J., Chen, Y., Ito, H., Sugawara, Y., Park, S. K., Shin, M. H., Hirabashi, M., Kimura, T., Gao, Y. T., Wen, W., Oze, I., Shin, A., Ahn, Y. O., Ahsan, H., Boffetta, P., Chia, K. S., Matsuo, K., Qiao, Y. L., Rothman, N., Zheng, W., Inoue, M., & Kang, D., April 2024, English, Family history

- and gastric cancer incidence and mortality in Asia: a pooled analysis of more than half a million participants., peer-reviewed, *Gastric Cancer*, 27(4), 701-713, 10.1007/s10120-024-01499-1
- 12) Original Papers, Co-author, De la Torre, K., Song, M., Abe, S. K., Rahman, M. S., Islam, M. R., Saito, E., Min, S., Huang, D., Chen, Y., & Gupta, P. C. et al., May 2024, English, Diabetes and gastric cancer incidence and mortality in the Asia Cohort Consortium: A pooled analysis of more than a half million participants. , peer-reviewed, *Journal of Diabetes*, 16(6), e13561, 10.1111/1753-0407.13561
 - 13) Original Papers, Co-author, Paragomi, P., Zhang, Z., Abe, S. K., Islam, M. R., Rahman, M. S., Saito, E., Shu, X.-O., Dabo, B., Pham, Y. T.-H., & Chen, Y. et al. , August 2024, English, Body mass index and risk of colorectal cancer incidence and mortality in Asia, peer-reviewed, *JAMA Network Open*, 7(8), e2429494, 10.1001/jamanetworkopen.2024.29494
 - 14) Original Papers, Co-author, Shin, A., Cho, S., Abe, S. K., Islam, M. R., Rahman, M. S., Saito, E., Kazmi, S. Z., Katagiri, R., Merritt, M., & Choi, J. Y. et al. , July 2024, English, Association of female reproductive and hormonal factors with gallbladder cancer risk in Asia: A pooled analysis of the Asia Cohort Consortium, peer-reviewed, *International Journal of Cancer*, 155(2), 240-250, 10.1002/ijc.34916
 - 15) Original Papers, Co-author, Downward, G., Hystad, P., Tasmin, S., Abe, S., Saito, E., Rahman, M. S., Islam, M., Gupta, P., Sawada, N., Malekzadeh, R., You, S. L., Ahsan, H., Park, S. K., Pednekar, M. S., Tsugane, S., Etemadi, A., Chen, C. J., Shin, A., Chen, Y., Boffetta, P., Chia, K. S., Matsuo, K., Qiao, Y.L., Rothman, N., Zheng, W., Inoue, M., Kang, D., & Vermeulen, R. C. H., June 2024, English, Long-term exposure to particulate matter and all-cause and cause-specific mortality in an analysis of multiple Asian cohorts., peer-reviewed, *Environment International*, 189, 108803, 10.1016/j.envint.2024.108803
 - 16) Original Papers, Co-author, Takahashi, N., Okumura, A., Nishimura, T., Harada, T., Iwabuchi, T., Rahman, M. S., & Tsuchiya, K. J. , November 2024, English, Association between genetic risk of attention deficit hyperactivity disorder and trajectories of daily gaming time in children, peer-reviewed, *European Neuropsychopharmacology*, 91, 54-55, 10.1016/j.euroneuro.2024.11.012
 - 17) Original Papers, Co-author, Takahashi, N., Nishimura, T., Okumura, A., Harada, T., Iwabuchi, T., Rahman, M. S., Liu, P.-H., Chuang, G.-T., Chang, Y.-C., Nomura, Y., & Tsuchiya, K. J., August 2024, English, Association between genetic risk of melatonin secretion and attention deficit hyperactivity disorder, peer-reviewed, *Psychiatry Research Communications*, 4(3), 100188, 10.1016/j.psycom.2024.100188, No Impact Factor yet as it's a new journal in ELSIVIER

- 18) Original Papers, Co-author, Abe, S. K., Nishio, M., Huang, H.-L., Leung, C. Y., Islam, M. R., Rahman, M. S., Saito, E., Shin, A., Merritt, M. A., Choi, J.-Y. & Ktagiri, R. et al., October 2024, English, Age at menarche by birth cohort: A pooled analysis of half a million women in Asia, peer-reviewed, Public Health, 237, 130-134, 10.1016/j.puhe.2024.09.020

4. 学会発表等

- 1) Presentation, first person, Rahman MS., Education-based disparities in cervical cancer testing uptake among women in Bangladesh, The 83rd Annual Meeting of the Japan Cancer Association. Fukuoka, Japan. September 19-21, 2024, September 2024
- 2) Presentation, first person, Rahman MS, Inoue M, Abe SK, Saito E, Islam MR, Luu H, Boffetta P., Body mass index and risk of liver cancer in Asia: a pooled analysis of over 1 million individuals in the Asia Cohort Consortium, The Asia Cohort Consortium General Membership Meeting 2024. Seoul National University, Seoul, South Korea. October 10, 2024, October 2024
- 3) Presentation, first person, Rahman MS, Nagata A, Rahman MM., Inequality and determinants of developmental delay in Iraq and Palestine., The 83rd Annual Meeting of Japanese Society of Public Health. Hokkaido, Japan. October 30, 2024, October 2024
- 4) Poster, first person, Rahman MS, Rahman MM, Acharya K, Haruyama R, Shah R, Matsuda T, Inoue M, Abe SK., Disparities and determinants of testing for early detection of cervical cancer among Nepalese women., The 42nd Sapporo International Cancer Symposium. Sapporo, Japan. June 6-8, 2024, June 2024
- 5) Poster, first person, Rahman MS, Akinaga C, Nishimura T, Okumura A, Tsuchiya KJ., No association between labor epidural analgesia and autism symptoms in offspring: evidence from Hamamatsu Birth Cohort for Mothers and Children., Joint Congress on Global Health 2024. Okinawa, Japan. November 16-17, 2024, November 2024
- 6) Poster, first person, Rahman MS, Rahman MM, Acharya K, Svensson T, Islam Z., Association of intimate partner violence with adverse mental health among reproductive aged Nepalese women: evidence from a nationally-representative population-based survey., Health Innovation Conference Tonomachi 2025. Kawasaki, Japan. February 22, 2025, March 2025
- 7) Poster, Co-Principal Investigator, Rahman MM, Gilmour S, Rahman MS., Disparities and determinants of diabetes and hypertension among adults in Bangladesh., Health Innovation Conference Tonomachi 2025. Kawasaki, Japan. February 22, 2025, March 2025
- 8) Poster, Co-Principal Investigator, Egami H, Rahman MS, Yamamoto T, Wakabayashi T, E

gami C., Causal Impact of Video Gaming on Mental Well-being in Post-COVID Japan., Health Innovation Conference Tonomachi 2025. Kawasaki, Japan. February 22, 2025, March 2025

- 9) Poster, Co-Principal Investigator, Rahman MM, Acharya K, Rahman MS, Gilmour S., Disparities in respectful maternity care in Nepal: Evidence from a nationally representative survey., The 35th Annual Scientific Meeting of the Japan Epidemiological Association, Kochi, Japan. February 12 - 14, 2025., February 2025
- 10) Poster, Co-Principal Investigator, Nagata A, Rahman MM, Kubota Y, Rahman MS., Inequalities in Dental Service Utilization: Evidence from Bangladesh, Bhutan, and Nepal., The 35th Annual Scientific Meeting of the Japan Epidemiological Association, Kochi, Japan. February 12 - 14, 2025., February 2025
- 11) Poster, Co-Principal Investigator, Rahman MM, Abe SK, Acharya K, Rahman MS, Gilmour S., Socioeconomic disparities in early cancer testing among Nepalese women aged 30-49 years., The 83rd Annual Meeting of the Japanese Cancer Association, Fukuoka, Japan, September 19-21, 2024., September 2024
- 12) Poster, Co-Principal Investigator, Rahman MM, Rahman MS, Acharya K, Gilmour S., Determinants of Respectful Maternity Care in Nepal., The 83rd Annual Meeting of Japanese Society of Public Health. Hokkaido, Japan. October 29-31, 2024, October 2024
- 13) Presentation, Co-Principal Investigator, Rahman MM, Rahman MS, Gilmour S., Determinants of Respectful Maternity Care in Tanzania: Evidence from a Nationally Representative Survey., The 55th Asia-Pacific Academic Consortium for Public Health Conference, BEXCO, Busan, Korea, October 23 - 25, 2024., October 2024
- 14) Presentation, Co-Principal Investigator, Islam MR, Rahman MS., Disparity in the prevalence of anemia among non-pregnant women in 49 low- and middle-income countries from 2011-2021., The 3rd International Conference on Japan-Bangladesh Research and Practice, coordinated from the University of the Ryukyus, Japan. November 29-30, 2024., November 2024
- 15) Presentation, Co-Principal Investigator, Egami H, Rahman MS, Yamamoto T, Wakabayashi T, Egami C., Sleep duration as a mediator of the causal relationship between video gaming and mental health., 映像表現・芸術科学フォーラム2025 (Expressive Japan 2025). March 10, 2025., March 2025

5. 学会，協会，公的団体の委員など

- 1) Frontiers in Public Health (section: Life-Course Epidemiology and Social Inequalities in Health), Associate Editor, September 2022, Editorial role in international

journal.

- 2) Japan Epidemiological Association, Member, February 2016
- 3) Japan Society for Public Health, Member, June 2024
- 4) Japan Cancer Association, Member, September, 2023
- 5) American Association for Cancer Research, Associate member, April 2017
- 6) Asia Cohort Consortium, Member, October 2016
- 7) International Society for Environmental Epidemiology, Early Career Member, November 1, 2023

6. 社会貢献

- 1) As a member of the International and Local Contributions Committee at SHI, I have been actively engaged in all committee meetings and activities. I contributed to the planning and organization of the SHI Summer School for Junior High and Senior High School students, scheduled for July 30-31, 2025, where I am also scheduled to deliver two lectures., October, 2024 to March 2025

7. 講演, 放送

- 1) I delivered an oral presentation titled “Overview of cancer burden and screening in Asia through an equity lens” and participated in a panel discussion at the digital session “Toward an Asian Code Against Cancer” of the World Cancer Congress 2024, September 17-19, 2024, <https://wcc2024.process.y-congress.com/ScientificProcess/schedule/?sessionId=04548538-af8e-428e-a563-a013d520e18c&setLng=en>
- 2) I was invited to deliver a lecture titled “Inequality in suspected developmental delays among children in Bangladesh and Nepal” at Asian University of Bangladesh, Dhaka, Bangladesh, July 5, 2024
- 3) I was invited to deliver a lecture at the Satellite Seminar “Applications of Big Data in Cohort and Registry Studies” during the Japan Epidemiological Association Annual Meeting, held in Kochi Prefecture. The title of my talk was “Asia Cohort Consortium: Harnessing Big Data for Epidemiological Insights Across Asia.”, February 13, 2025

8. 学会等での活動

- 1) I served as a track advisor for the Medicine, Pharmaceuticals and Public Health track and as a session chair at the 3rd International Conference on Japan-Bangladesh Research and Practice (JBRP2024), held Online and coordinated by The University of the Ryukyus, Okinawa, Japan, November 29-30, 2024, Session chair

- 2) I facilitated a pre-seminar workshop titled “Introduction to Systematic Review and Meta-Analysis” at the Annual Meeting of the Japan Epidemiological Association, held on February 12, 2025, in Kochi Prefecture., February 12, 2025, Workshop facilitator

9. 学内教育活動

1) Graduate School of Health Innovation, Master Course

I delivered two lectures at the Global Health Policy course: 1. “Universal Health Coverage in Low- and Middle-income Countries” on October 21, 2024. 2. “Bridging the Gap: Assessing Health Service Coverage and Inequality” on November 11, 2024. , October 21, 2024 and November 11, 2024, I joined KUHS in October 2024, so I did not have full-course at that time

Teaching and course management: 1. Basic Biostatistics 2. Practice of Biostatistics 3. Statistical Programming, and 4. Global Health Policy. , October 2024 to March 2025, I have prepared lecture notes and materials for four courses that I will be teaching in the 2025 session

Thesis evaluation: I served as a sub-chief examiner for the master's theses of two students. , January-February, 2025

10. 学内各種委員会活動

- 1) International and Local Contributions Committee: I actively participated in all the meetings of the International and Local Contributions Committee. As a committee member, I was involved in organizing the SHI Summer School for Junior High School and Senior High School students (scheduled for July 30 and 31, 2025). My contributions include delivering two lectures and supporting other activities of the SHI Summer School. Additionally, as a committee member, I assisted the organization of SHI's event for the King Skyfront Open Day (March 26, 2024). , October 2024-March, 2025, The International and Local Contributions Committee arranged several meetings to decide SHI Summer School for High School Students, SHI's event for the KING Skyfront Open Day, as well as decided novelty items at SHI.
- 2) Entrance Examination Committee: I actively attended the Entrance Examination Committee meetings, and contributed to evaluating applications for entrance examinations. My responsibilities included conducting interview screenings for applicants to the MPH and PhD programs. , October 2024-March, 2025

11. 科学研究費補助金, その他の補助金などの受託

- 1) Wakatabi Research, delegate, Md. Shafiur Rahman (PI), Interaction of genetic risk and early body mass index changes on neurodevelopmental disorders among Japanese children, 4,420千円, 2021年04月, 2025年03月, I extended the grant period to four years. Grant-in-Aid for Early-career Scientists (Kakenhi Wakate)
- 2) Privare Foundation Grant, delegate, Md. Shafiur Rahman (PI), 分娩時の硬膜外鎮痛と神経発達症リスクとの関連：遺伝的リスクの役割の検討, 1,500千円, 2023年12月, 2024年11月, 令和5年度小児医学研究助成 from 公益財団法人 母子健康協会
- 3) Joint Research Grant, delegate, Md. Shafiur Rahman (PI), Association between labour epidural anesthesia and the risk of autism spectrum disorders in offspring: Pooled analysis of Asian and Western birth cohorts, 500千円, 2024年05月, 2025年03月, I received a Joint Research Grant (共同研究推進・国際ハブ化推進・拠点化基盤推進部会 令和6年度共同研究支援 採択結) from the United Graduate School of Child Development, Osaka University,
- 4) Privare Foundation Grant, contributor, Kenji Tsuchiya (PI), Md. Shafiur Rahman (Co-PI), Long-term effect of maternal smoking during pregnancy and postnatal environmental tobacco smoke on child neurodevelopment, 6,000千円, 2022年04月, 2025年03月, As a co-investigator with Professor Kenji Tsuchiya (Hamamatsu University School of Medicine), we received a General Research Grant from Smoking Research Foundation

13. 受賞

- 1) Joint Congress of Global Health, Best Poster Award, November 16-17, 2024, I received the Best Poster Award at the Joint Congress of Global Health, held in Okinawa, Japan on November 16-17, 2024. The poster was titled: No association between labour epidural analgesia and autism symptoms in offspring: evidence from Hamamatsu Birth Cohort for Mothers and Children.

15. その他

- 1) News on research findings: 心の健康に「ゲームが良い」 浜松医大・子ども発達研究センター特任講師ら分析 「子どもに悪影響」示す結果得られず静岡新聞, 2024年05月10日, 新聞・雑誌 <https://news.at-s.com/article/1569132>