



Marissa Reitsma

Assistant Professor of Health Policy

Bio

BIO

Marissa Reitsma, PhD, is an Assistant Professor of Health Policy at Stanford University School of Medicine. She obtained her PhD in Health Policy at Stanford in 2024, during which time she was a Knight-Hennessy Scholar, Stanford Data Science Scholar, and NSF Graduate Research Fellow. Previously, she worked on the Global Burden of Disease Study at the Institute for Health Metrics and Evaluation. Reitsma develops computational models to quantify disease burden, evaluate the benefits and costs of interventions, and support evidence-based policies across a range of priorities in public health, with a focus on health equity.

Reitsma aims to build simulation models that integrate the overlapping risk factors, social determinants, and syndemic conditions that disproportionately impact marginalized populations and contribute to health inequities. She also investigates the potential for multimodal data synthesis to inform these models, improve population health decision-making, and reduce health disparities. Her work spans multiple communicable and non-communicable conditions linked to behavioral risk factors, including tobacco use, drug use, and obesity. During the COVID-19 pandemic, she collaborated closely with state and local public health agencies to inform their decision-making.

ACADEMIC APPOINTMENTS

- Assistant Professor, Health Policy
- Member, Bio-X

PROFESSIONAL EDUCATION

- PhD, Stanford University , Health Policy (2024)
- ScB, Brown University , Biology (2014)

Teaching

COURSES

2025-26

- Introduction to Cost-Effectiveness Analysis: Evaluating Benefits and Costs of Health Interventions: BMDS 236, HRP 392 (Aut)

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Zongbo Li

Doctoral Dissertation Advisor (AC)

Assel Ibadulla

Publications

PUBLICATIONS

- **Algorithms to Improve Fairness in Medicare Risk Adjustment.** *JAMA health forum*
Reitsma, M. B., McGuire, T. G., Rose, S.
2025; 6 (8): e252640
- **Estimated Savings From Extending Prescription Drug Inflationary Rebates To All Commercial Plans.** *Health affairs (Project Hope)*
Reitsma, M. B., Dusetzina, S. B., Ballreich, J. M., Trujillo, A. J., Mello, M. M.
2025; 44 (3): 256-264
- **Forecasting the effects of smoking prevalence scenarios on years of life lost and life expectancy from 2022 to 2050: a systematic analysis for the Global Burden of Disease Study 2021.** *The Lancet. Public health*
2024; 9 (10): e729-e744
- **Bias-Adjusted Predictions of County-Level Vaccination Coverage from the COVID-19 Trends and Impact Survey.** *Medical decision making : an international journal of the Society for Medical Decision Making*
Reitsma, M. B., Rose, S., Reinhart, A., Goldhaber-Fiebert, J. D., Salomon, J. A.
2023: 272989X231218024
- **Examining Opportunities to Increase Savings From Medicare Price Negotiations.** *JAMA internal medicine*
Reitsma, M. B., Dusetzina, S. B., Ballreich, J. M., Trujillo, A. J., Mello, M. M.
2023
- **Racial/Ethnic Disparities In COVID-19 Exposure Risk, Testing, And Cases At The Subcounty Level In California.** *Health affairs (Project Hope)*
Reitsma, M. B., Claypool, A. L., Vargo, J. n., Shete, P. B., McCorvie, R. n., Wheeler, W. H., Rocha, D. A., Myers, J. F., Murray, E. L., Bregman, B. n., Dominguez, D. M., Nguyen, A. D., Porse, et al
2021: 101377hlthaff202100098
- **Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019.** *Lancet (London, England)*
2021
- **Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and initiation among young people in 204 countries and territories, 1990-2019.** *The Lancet. Public health*
Reitsma, M. B., Flor, L. S., Mullany, E. C., Gupta, V., Hay, S. I., Gakidou, E.
2021
- **Fully Automated Abstraction of Longitudinal Breast Oncology Records with Off-The-Shelf Large Language Models.** *medRxiv : the preprint server for health sciences*
Dickerson, J. C., McClure, M. B., Shaw, M., Reitsma, M. B., Dalal, N. H., Kurian, A. W., Caswell-Jin, J. L.
2026
- **Health Benefits, Costs, and Cost-Effectiveness of Jail-Based Hepatitis C Elimination Strategies.** *JAMA internal medicine*
Zhu, L., Magaldi, L. N., Wagh, I. A., Ennis, E. R., Reitsma, M. B., Kuncio, D. E., Addish, E., Varghese, S. R., Furukawa, N. W., Honeycutt, A. A., Chen, Y., Linas, B. P., Salomon, et al
2026
- **Potential impact of frequent testing for hepatitis C virus among people who inject drugs toward hepatitis C elimination in the United States.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Zhu, L., Furukawa, N. W., Thompson, W. W., Reitsma, M. B., Randall, L. M., Asher, A. K., Valverde, E., Linas, B. P., Salomon, J. A.
2025
- **Health and Economic Impact of Periodic Hepatitis C Virus Testing Among People Who Inject Drugs.** *JAMA health forum*
Zhu, L., Furukawa, N. W., Thompson, W. W., Reitsma, M. B., Randall, L. M., Van Handel, M., Asher, A. K., Valverde, E., Linas, B. P., Salomon, J. A.
2025; 6 (7): e251870

- **Physician Specialization and Receipt of Updated Breast Cancer Care in the United States: A SEER-Medicare Analysis.** *JCO oncology practice*
Caswell-Jin, J. L., Reitsma, M. B., Tang, H., Dickerson, J. C., Phillips, S., John, E. M., Kurian, A. W., Staiger, B., Goldhaber-Fiebert, J. D.
2025: OP2500462
- **The influence of epidemiological context on the success of partner notification programs: analysis of gonorrhea transmission dynamics.** *The Journal of infectious diseases*
Rönn, M. M., Chesson, H. W., Grad, Y. H., Reitsma, M., Zhu, L., Hsu, K., Gift, T. L., Salomon, J. A.
2025
- **Algorithms to Improve Fairness in Medicare Risk Adjustment.** *medRxiv : the preprint server for health sciences*
Reitsma, M. B., McGuire, T. G., Rose, S.
2025
- **Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021** *LANCET*
Brauer, M., Roth, G. A., Aravkin, A. Y., Zheng, P., Abate, K., Abate, Y., Abbafati, C., Abbasgholizadeh, R., Abbasi, M., Abbasian, M., Abbasifard, M., Abbasi-Kangevari, M., ElHafeez, et al
2024; 403 (10440): 2162-2203
- **Burden of disease scenarios for 204 countries and territories, 2022-2050: a forecasting analysis for the Global Burden of Disease Study 2021** *LANCET*
Vollset, S., Ababneh, H. S., Abate, Y., Abbafati, C., Abbasgholizadeh, R., Abbasian, M., Abbastabar, H., Abd Al Magied, A. H. A., Abd ElHafeez, S., Abdelkader, A., Abdelmasseh, M., Abd-Elsalam, S., Abdi, et al
2024; 403 (10440): 2204-2256
- **Hypertension care cascades and reducing inequities in cardiovascular disease in low- and middle-income countries.** *Nature medicine*
Stein, D. T., Reitsma, M. B., Geldsetzer, P., Agoudavi, K., Aryal, K. K., Bahendeka, S., Brant, L. C., Farzadfar, F., Gurung, M. S., Guwatudde, D., Houehanou, Y. C., Malta, D. C., Martins, et al
2024
- **Assessing the impact of community-based interventions on hypertension and diabetes management in three Minnesota communities: Findings from the prospective evaluation of US HealthRise programs.** *PLoS one*
Fullman, N., Cowling, K., Flor, L. S., Wilson, S., Bhatt, P., Bryant, M. F., Camarda, J. N., Colombara, D. V., Daly, J., Gabert, R. K., Harris, K. P., Johanns, C. K., Mandile, et al
2023; 18 (2): e0279230
- **Health effects associated with smoking: a Burden of Proof study.** *Nature medicine*
Dai, X., Gil, G. F., Reitsma, M. B., Ahmad, N. S., Anderson, J. A., Bisignano, C., Carr, S., Feldman, R., Hay, S. I., He, J., Iannucci, V., Lawlor, H. R., Malloy, et al
2022
- **The Burden of Proof studies: assessing the evidence of risk.** *Nature medicine*
Zheng, P., Afshin, A., Biryukov, S., Bisignano, C., Brauer, M., Bryazka, D., Burkart, K., Cercey, K. M., Cornaby, L., Dai, X., Dirac, M. A., Estep, K., Fay, et al
2022
- **Population-level risks of alcohol consumption by amount, geography, age, sex, and year: a systematic analysis for the Global Burden of Disease Study 2020** *LANCET*
Bryazka, D., Reitsma, M. B., Griswold, M. G., Abate, K., Abbafati, C., Abbasi-Kangevari, M., Abbasi-Kangevari, Z., Abdoli, A., Abdollahi, M., Abdullah, A., Abhilash, E. S., Abu-Gharbieh, E., Acuna, et al
2022; 400 (10347): 185-235
- **Global, regional, and national sex differences in the global burden of tuberculosis by HIV status, 1990-2019: results from the Global Burden of Disease Study 2019** *LANCET INFECTIOUS DISEASES*
Ledesma, J. R., Ma, J., Vongpradith, A., Maddison, E. R., Novotney, A., Biehl, M. H., LeGrand, K. E., Ross, J. M., Jahagirdar, D., Bryazka, D., Feldman, R., Abolhassani, H., Abosetugn, et al
2022; 22 (2): 222-241
- **The global burden of cancer attributable to risk factors, 2010-19: a systematic analysis for the Global Burden of Disease Study 2019.** *Lancet (London, England)*

- GBD 2019 Cancer Risk Factors Collaborators, Tran, K. B., Lang, J. J., Compton, K., Xu, R., Acheson, A. R., Henrikson, H. J., Kocarnik, J. M., Penberthy, L., Aali, A., Abbas, Q., Abbasi, B., Abbasi-Kangevari, M., et al
2022; 400 (10352): 563-591
- **The US COVID-19 Trends and Impact Survey: Continuous real-time measurement of COVID-19 symptoms, risks, protective behaviors, testing, and vaccination.** *Proceedings of the National Academy of Sciences of the United States of America*
Salomon, J. A., Reinhart, A., Bilinski, A., Chua, E. J., La Motte-Kerr, W., Ronn, M. M., Reitsma, M. B., Morris, K. A., LaRocca, S., Farag, T. H., Kreuter, F., Rosenfeld, R., Tibshirani, et al
1800; 118 (51)
 - **Quantifying and Benchmarking Disparities in COVID-19 Vaccination Rates by Race and Ethnicity.** *JAMA network open*
Reitsma, M. B., Goldhaber-Fiebert, J. D., Salomon, J. A.
2021; 4 (10): e2130343
 - **Global, regional, and national burden of stroke and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019** *LANCET NEUROLOGY*
Feigin, V. L., Stark, B. A., Johnson, C., Roth, G. A., Bisignano, C., Abady, G., Abbasifard, M., Abbasi-Kangevari, M., Abd-Allah, F., Abedi, V., Abualhasan, A., Abu-Rmeileh, N., Abushouk, et al
2021; 20 (10): 795-820
 - **The effects of tobacco control policies on global smoking prevalence.** *Nature medicine*
Flor, L. S., Reitsma, M. B., Gupta, V., Ng, M., Gakidou, E.
2021
 - **Mapping Inequality in SARS-CoV-2 Household Exposure and Transmission Risk in the USA.** *Journal of general internal medicine*
Reitsma, M. B., Salomon, J. A., Goldhaber-Fiebert, J. D.
2021
 - **Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019.** *The Lancet. Public health*
2021
 - **Dependence of COVID-19 Policies on End-of-Year Holiday Contacts in Mexico City Metropolitan Area: A Modeling Study.** *MDM policy & practice*
Alarid-Escudero, F., Gracia, V., Luviano, A., Roa, J., Peralta, Y., Reitsma, M. B., Claypool, A. L., Salomon, J. A., Studdert, D. M., Andrews, J. R., Goldhaber-Fiebert, J. D.
2021; 6 (2): 23814683211049249
 - **Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study.** *Journal of the American College of Cardiology*
Roth, G. A., Mensah, G. A., Johnson, C. O., Addolorato, G., Ammirati, E., Baddour, L. M., Barengo, N. C., Beaton, A. Z., Benjamin, E. J., Benziger, C. P., Bonny, A., Brauer, M., Brodmann, et al
2020
 - **Five insights from the Global Burden of Disease Study 2019** *LANCET*
Abbfati, C., Abbas, K. M., Abbasi, M., Abbasifard, M., Abbasi-Kangevari, M., Abbastabar, H., Abd-Allah, F., Abdelalim, A., Abdollahi, M., Abdollahpour, I., Abedi, A., Abedi, P., Abegaz, et al
2020; 396 (10258): 1135-59
 - **Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019** *LANCET*
Vos, T., Lim, S. S., Abbfati, C., Abbas, K. M., Abbasi, M., Abbasifard, M., Abbasi-Kangevari, M., Abbastabar, H., Abd-Allah, F., Abdelalim, A., Abdollahi, M., Abdollahpour, I., Abolhassani, et al
2020; 396 (10258): 1204-22
 - **Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019** *LANCET*
Murray, C. J. L., Aravkin, A. Y., Zheng, P., Abbfati, C., Abbas, K. M., Abbasi-Kangevari, M., Abd-Allah, F., Abdelalim, A., Abdollahi, M., Abdollahpour, I., Abegaz, K., Abolhassani, H., Aboyans, et al
2020; 396 (10258): 1223-49
 - **Trends in prevalence and mortality burden attributable to smoking, Brazil and federated units, 1990 and 2017.** *Population health metrics*

- Malta, D. C., Flor, L. S., Machado, I. E., Felisbino-Mendes, M. S., Brant, L. C., Ribeiro, A. L., Teixeira, R. A., Macario, E. M., Reitsma, M. B., Glenn, S., Naghavi, M., Gakidou, E.
2020; 18 (Suppl 1): 24
- **Community-based interventions for detection and management of diabetes and hypertension in underserved communities: a mixed-methods evaluation in Brazil, India, South Africa and the USA.** *BMJ global health*
Flor, L. S., Wilson, S., Bhatt, P., Bryant, M., Burnett, A., Camarda, J. N., Chakravarthy, V., Chandrashekar, C., Chaudhury, N., Cimini, C., Colombara, D. V., Narayanan, H. C., Cortes, et al
2020; 5 (6)
 - **Prevalence and attributable health burden of chronic respiratory diseases, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET RESPIRATORY MEDICINE*
Soriano, J. B., Kendrick, P. J., Paulson, K. R., Gupta, V., Vos, T., Abrams, E. M., Adedoyin, R., Adhikari, T., Advani, S. M., Agrawal, A., Ahmadian, E., Alahdab, F., Aljunid, et al
2020; 8 (6): 585-596
 - **Quantifying risks and interventions that have affected the burden of lower respiratory infections among children younger than 5 years: an analysis for the Global Burden of Disease Study 2017** *LANCET INFECTIOUS DISEASES*
Troeger, C. E., Khalil, I. A., Blacker, B. F., Biehl, M. H., Albertson, S. B., Zimsen, S. R. M., Rao, P. C., Abate, D., Admasie, A., Ahmadi, A., Ahmed, M., Akal, C., Alahdab, et al
2020; 20 (1): 60-79
 - **How do Covid-19 policy options depend on end-of-year holiday contacts in Mexico City Metropolitan Area? A Modeling Study.** *medRxiv : the preprint server for health sciences*
Alarid-Escudero, F. n., Gracia, V. n., Luviano, A. n., Peralta, Y. n., Reitsma, M. B., Claypool, A. L., Salomon, J. A., Studdert, D. M., Andrews, J. R., Goldhaber-Fiebert, J. D.
2020
 - **Reexamining Rates of Decline in Lung Cancer Risk after Smoking Cessation: A meta-analysis.** *Annals of the American Thoracic Society*
Reitsma, M. n., Kendrick, P. n., Anderson, J. n., Arian, N. n., Feldman, R. n., Gakidou, E. n., Gupta, V. n.
2020
 - **Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Stanaway, J. D., Afshin, A., Gakidou, E., Lim, S. S., Abate, D., Abate, K., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdollahpour, et al
2018; 392 (10159): 1923-94
 - **Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Kyu, H., Abate, D., Abate, K., Abay, S. M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdollahpour, I., Abdulkader, R., Abebe, et al
2018; 392 (10159): 1859-1922
 - **Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Lozano, R., Fullman, N., Abate, D., Abay, S. M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdel-Rahman, O., Abdi, A., Abdollahpour, et al
2018; 392 (10159): 2091-2138
 - **Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
Roth, G. A., Collaborators, G., Abate, D., Abate, K., Abay, S. M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, L., Abdela, J., Abdelalim, A., Abdollahpour, I., Abdulkader, et al
2018; 392 (10159): 1736-88
 - **Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017** *LANCET*
James, S. L. G., Abate, D., Abate, K., Abay, S. M., Abbafati, C., Abbasi, N., Abbastabar, H., Abd-Allah, F., Abdela, J., Abdelalim, A., Abdollahpour, I., Abdulkader, R., Abebe, et al
2018; 392 (10159): 1789-1858

- **Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016.** *Lancet (London, England)*
2018; 391 (10136): 2236–71
- **The Burden of Cardiovascular Diseases Among US States, 1990-2016.** *JAMA cardiology*
Roth, G. A., Johnson, C. O., Abate, K. H., Abd-Allah, F. n., Ahmed, M. n., Alam, K. n., Alam, T. n., Alvis-Guzman, N. n., Ansari, H. n., Ärnlöv, J. n., Atey, T. M., Awasthi, A. n., Awoke, et al
2018; 3 (5): 375–89
- **Danger ahead: the burden of diseases, injuries, and risk factors in the Eastern Mediterranean Region, 1990-2015.** *International journal of public health*
2018; 63 (Suppl 1): 11–23
- **Burden of obesity in the Eastern Mediterranean Region: findings from the Global Burden of Disease 2015 study.** *International journal of public health*
2018; 63 (Suppl 1): 165–76
- **Forecasting life expectancy, years of life lost, and all-cause and cause-specific mortality for 250 causes of death: reference and alternative scenarios for 2016-40 for 195 countries and territories.** *Lancet (London, England)*
Foreman, K. J., Marquez, N. n., Dolgert, A. n., Fukutaki, K. n., Fullman, N. n., McGaughey, M. n., Pletcher, M. A., Smith, A. E., Tang, K. n., Yuan, C. W., Brown, J. C., Friedman, J. n., He, et al
2018; 392 (10159): 2052–90
- **HIV-1 second-line failure and drug resistance at high-level and low-level viremia in Western Kenya.** *AIDS (London, England)*
Kantor, R. n., DeLong, A. n., Schreier, L. n., Reitsma, M. n., Kemboi, E. n., Orido, M. n., Obonge, S. n., Boinett, R. n., Rono, M. n., Emonyi, W. n., Brooks, K. n., Coetzer, M. n., Buziba, et al
2018; 32 (17): 2485–96
- **Health Effects of Overweight and Obesity in 195 Countries.** *The New England journal of medicine*
Afshin, A., Reitsma, M. B., Murray, C. J.
2017; 377 (15): 1496-7
- **Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016** *LANCET*
Naghavi, M., Abajobir, A., Abbafati, C., Abbas, K. M., Abd-Allah, F., Abera, S., Aboyans, V., Adetokunboh, O., Arnlov, J., Afshin, A., Agrawal, A., Kiadaliri, A., Ahmadi, et al
2017; 390 (10100): 1151–1210
- **Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016** *LANCET*
Gakidou, E., Afshin, A., Abajobir, A., Abate, K., Abbafati, C., Abbas, K. M., Abd-Allah, F., Abdulle, A. M., Abera, S., Aboyans, V., Abu-Raddad, L. J., Abu-Rmeileh, N. M. E., Abyu, et al
2017; 390 (10100): 1345–1422
- **Health Effects of Overweight and Obesity in 195 Countries over 25 Years** *NEW ENGLAND JOURNAL OF MEDICINE*
Afshin, A., Forouzanfar, M. H., Reitsma, M. B., Sur, P., Estep, K., Lee, A., Marczak, L., Mokdad, A. H., Moradi-Lakeh, M., Naghavi, M., Salama, J. S., Vos, T., Abate, et al
2017; 377 (1): 13–27
- **Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015.** *Lancet (London, England)*
2017
- **Smoking prevalence and attributable disease burden in 195 countries and territories, 1990-2015: a systematic analysis from the Global Burden of Disease Study 2015** *LANCET*
Reitsma, M. B., Fullman, N., Ng, M., Salama, J. S., Abajobir, A., Abate, K., Abbafati, C., Abera, S., Abraham, B., Abyu, G., Adebisi, A., Al-Aly, Z., Aleman, et al
2017; 389 (10082): 1885–1906
- **Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016.** *Lancet (London, England)*

2017; 390 (10100): 1423–59

- **Identifying gaps in the continuum of care for hypertension and diabetes in two Indian communities.** *BMC health services research*
Gabert, R. n., Ng, M. n., Sogarwal, R. n., Bryant, M. n., Deepu, R. V., McNellan, C. R., Mehra, S. n., Phillips, B. n., Reitsma, M. n., Thomson, B. n., Wilson, S. n., Wollum, A. n., Gakidou, et al
2017; 17 (1): 846
- **The global burden of tuberculosis: results from the Global Burden of Disease Study 2015.** *The Lancet. Infectious diseases*
2017
- **Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.** *Lancet (London, England)*
2017; 390 (10100): 1260–1344
- **Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.** *Lancet (London, England)*
2017; 390 (10100): 1211–59
- **Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Vos, T., Allen, C., Arora, M., Barber, R. M., Bhutta, Z. A., Brown, A., Carter, A., Casey, D. C., Charlson, F. J., Chen, A. Z., Coggeshall, M., Cornaby, L., Dandona, et al
2016; 388 (10053): 1545-1602
- **Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Wang, H., Naghavi, M., Allen, C., Barber, R. M., Bhutta, Z. A., Carter, A., Casey, D. C., Charlson, F. J., Chen, A. Z., Coates, M. M., Coggeshall, M., Dandona, L., Dicker, et al
2016; 388 (10053): 1459-1544
- **Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015** *LANCET*
Lim, S. S., Allen, K., Bhutta, Z. A., Dandona, L., Forouzanfar, M. H., Fullman, N., Gething, P. W., Goldberg, E. M., Hay, S. I., Holmberg, M., Kinfu, Y., Kutz, M. J., Larson, et al
2016; 388 (10053): 1813-1850
- **Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Kassebaum, N. J., Arora, M., Barber, R. M., Bhutta, Z. A., Carter, A., Casey, D. C., Charlson, F. J., Coates, M. M., Coggeshall, M., Cornaby, L., Dandona, L., Dicker, D. J., Erskine, et al
2016; 388 (10053): 1603-1658
- **Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*
Forouzanfar, M. H., Afshin, A., Alexander, L. T., Anderson, H. R., Bhutta, Z. A., Biryukov, S., Brauer, M., Burnett, R., Cercy, K., Charlson, F. J., Cohen, A. J., Dandona, L., Estep, et al
2016; 388 (10053): 1659-1724
- **Treatment failure and drug resistance in HIV-positive patients on tenofovir-based first-line antiretroviral therapy in western Kenya.** *Journal of the International AIDS Society*
Brooks, K. n., Diero, L. n., DeLong, A. n., Balamane, M. n., Reitsma, M. n., Kemboi, E. n., Orido, M. n., Emonyi, W. n., Coetzer, M. n., Hogan, J. n., Kantor, R. n.
2016; 19 (1): 20798
- **Pretreatment HIV Drug Resistance and HIV-1 Subtype C Are Independently Associated With Virologic Failure: Results From the Multinational PEARLS (ACTG A5175) Clinical Trial.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*
Kantor, R. n., Smeaton, L. n., Vardhanabhuti, S. n., Hudelson, S. E., Wallis, C. L., Tripathy, S. n., Morgado, M. G., Saravanan, S. n., Balakrishnan, P. n., Reitsma, M. n., Hart, S. n., Mellors, J. W., Halvas, et al
2015; 60 (10): 1541–49

- **Phylogenetic and geospatial evaluation of HIV-1 subtype diversity at the largest HIV center in Rhode Island.** *Infection, genetics and evolution : journal of molecular epidemiology and evolutionary genetics in infectious diseases*
Chan, P. A., Reitsma, M. B., DeLong, A. n., Boucek, B. n., Nunn, A. n., Salemi, M. n., Kantor, R. n.
2014; 28: 358–66