Stanford



Ying Lu

Professor of Biomedical Data Science and, by courtesy, of Epidemiology

Department of Biomedical Data Science

NIH Biosketch available Online

Bio

ACADEMIC APPOINTMENTS

- Professor, Department of Biomedical Data Science
- Member, SPARK at Stanford
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Director, US VA Cooperative Studies Program Palo Alto Coordinating Center, (2009-2016)
- Co-Director, Center for Innovative Study Design, (2015- present)
- Co-Director, Biostatistics Core, Stanford Cancer Institute, (2016- present)

HONORS AND AWARDS

- The Evelyn Fix Memorial Award, Department of Statistics, University of California, Berkeley (May, 1990)
- Healthstar Osteoporosis Medical Research Award (HOMA) for Achievements in Osteoporosis Research, The Chinese Development Foundation for Science and Technology (October, 2003)
- Advisory Committee Service Award, U.S. Food and Drug Administration (2010)
- Elected Fellow, American Statistical Association (2011)
- ICSA Outstanding Service Award, International Chinese Statistical Association (June 2016)
- Elected Fellow, American Association for the Advancement of Science (2020)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- President Elect (2019), President (2020), Past President (2021), WNAR (2019 - 2021)
- Associate Editor, JCO Precision Oncology (http://po.jco.org) (2016 - present)
- President, The International Chinese Statistical Association (President-Elect, 2013 and Past-President, 2015) (2014 - 2014)

PROFESSIONAL EDUCATION

- BS, Fudan University , Mathematics (1982)
- MS, Shanghai Jiaotong University , Applied Mathematics (1984)
- Ph.D., UC, Berkeley , Biostatistics (1990)

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Biostatistics, clinical trials, statistical evaluation of medical diagnostic tests, radiology, osteoporosis, meta-analysis, medical decision making

CLINICAL TRIALS

- Limiting AAA With Metformin (LIMIT) Trial, Recruiting

Teaching

COURSES

2026-27

- Clinical Trial Design in the Age of Precision Medicine: BMDS 250 (Win)
- Data Studio: Consulting Workshop on Biomedical Data Science: BMDS 291A (Aut)
- Data Studio: Consulting Workshop on Biomedical Data Science: BMDS 291B (Win)
- Data Studio: Consulting Workshop on Biomedical Data Science: BMDS 291C (Spr)
- Students Seminar in Biomedical Data Science: BMDS 201A, BMDS 201B (Win)

2025-26

- Data Studio: Consulting Workshop on Biomedical Data Science: BMDS 291A (Aut)
- Data Studio: Consulting Workshop on Biomedical Data Science: BMDS 291B (Win)
- Data Studio: Consulting Workshop on Biomedical Data Science: BMDS 291C (Spr)
- Survival Analysis: BMDS 252, STATS 331 (Win)
- Workshop in Biomedical Data Science: BMDS 280C, STATS 260C (Spr)

2024-25

- Biomedical Data Science Student Seminar: BIOMEDIN 201 (Win)
- Causal Inference in Clinical Trials and Observational Studies: BIODS 251, STATS 251 (Win)
- Consulting Workshop on Biomedical Data Science: BIODS 232 (Aut, Win, Spr)

2023-24

- Clinical Trial Design in the Age of Precision Medicine: BIODS 250, STATS 251 (Win)
- Consulting Workshop on Biomedical Data Science: BIODS 232 (Aut, Win, Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Bryan Bunning, Selina Pi, Max Schuessler, Maggie Wang

Master's Program Advisor

Sheng-Yong Niu

Doctoral (Program)

Negin Ashrafi, Jeddy Bennett, Bowen Chen, Elizabeth Miller

Postdoctoral Research Mentor

Dehua Bi

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Data Science (PhD Program)
- Biomedical Data Science (Masters Program)

Publications

PUBLICATIONS

- **Comparing Missing Data Strategies for Generalized Pairwise Comparisons in Randomized Clinical Trials: A Simulation Study.** *Statistics in medicine*
  van Eijk, R. P., Lu, Y.
  2026; 45 (20-22): e70737
- **Comments on: Randomized clinical trials and the proportional hazards model for recurrent events** *TEST*
  Tian, L., Lu, Y.
  2026
- **Design of MOSAAIC (Multi-Ethnic Observational Study in American Asian and Pacific Islander Communities).** *JACC. Asia*
  Ahn, J., Ahsan, H., Anderson, G. L., Aschebrook-Kilfoy, B., Beery, D., Carrick, W., Celedón, J. C., Chan, K. C., Chen, Y., Đoàn, L. N., Fang, C. Y., Floyd, J. S., Hayes, et al
  2026
- **Stroke Risk After Ischemic Ocular Events: A Real-World Study of an Electronic Health Record Database.** *Ophthalmology. Retina*
  Vought, V., Vought, R., Yu, Z., Zeng, Z., Pei, A., Wang, H., Lu, Y., Iyer, P. G.
  2026
- **Statistical modeling of dependencies in medicine** *JOURNAL OF APPLIED STATISTICS*
  Stehlik, M., Filus, J., Filus, L., Hermann, P., Jordanova, P., Stehlikova, S., Mozos, I., Arnold, B. C., Lu, Y., Lopez Fidalgo, J.
  2026
- **Balancing the effective sample size in prior across different doses in the curve-free Bayesian decision-theoretic design for dose-finding trials.** *Journal of biopharmaceutical statistics*
  Xu, J., Bi, D., Fan, S. K., Lee, B. L., Lu, Y.
  2026: 1-19
- **On the Two-Step Hybrid Design for Augmenting Randomized Trials Using Real-World Data.** *Statistics in biopharmaceutical research*
  Xu, J., van Eijk, R. P., Ellis, A., Pan, T., Nelson, L. M., Roes, K. C., van Dijk, M., Sarno, M., van den Berg, L. H., Tian, L., Lu, Y.
  2025
- **Prademagene zamikeracel for recessive dystrophic epidermolysis bullosa wounds (VIITAL): a two-centre, randomised, open-label, intrapatient-controlled phase 3 trial.** *Lancet (London, England)*
  Tang, J. Y., Marinkovich, M. P., Wiss, K., McCarthy, D., Truesdale, A., Chiou, A. S., Eid, E., McIntyre, J. K., Bailey, I., Furukawa, L. K., Gorell, E. S., Harris, N., Khosla, et al
  2025
- **Decentralized Clinical Trials in the Era of Real-World Evidence: A Statistical Perspective.** *Clinical and translational science*
  Chen, J., Di, J., Daizadeh, N., Lu, Y., Wang, H., Shen, Y. L., Kirk, J., Rockhold, F. W., Pang, H., Zhao, J., He, W., Potter, A., Lee, et al
  2025; 18 (2): e70117
- **Patient-Selectionof a Clinical Trial Primary Outcome: The ENHANCE-AF OutcomesSurvey.** *PloS one*
  Stafford, R. S., Rice, E. N., Shah, R., Hills, M. T., Nunes, J. C., DeSutter, K., Lin, A., Lhamo, K., Lin, B., Lu, Y., Wang, P. J.
  2025; 20 (3): e0318858
- **Additional Considerations for Single-Arm Trials to Support Accelerated Approval of Oncology Drugs** *N Engl J STAT DATA SCI*
  Lu, F., Wang, T., Lu, Y., Chen, J.
  2025; 3 (2): 164-166
- **Special issue dedicated to the memory of Professor Tze-Leung Lai** *ANNALS OF MATHEMATICAL SCIENCES AND APPLICATIONS*
  Liu, J. S., Lu, Y.

2025; 10 (2): 275-276

- **Phase II study of novel CXCR2 agonist and Plerixafor for rapid stem cell mobilization in patients with multiple myeloma.** *Blood cancer journal*
  Sidana, S., Bankova, A. K., Hosoya, H., Kumar, S. K., Holmes, T. H., Tamaresis, J., Le, A., Muffly, L. S., Maysel-Auslender, S., Johnston, L., Arai, S., Lowsky, R., Meyer, et al
  2024; 14 (1): 173

- **On approximate equality of Z-values of the statistical tests for win statistics (win ratio, win odds, and net benefit).** *Journal of biopharmaceutical statistics*
  Dong, G., Cui, Y., Gamalo-Siebers, M., Liao, R., Liu, D., Hoaglin, D. C., Lu, Y.
  2024: 1-8

- **Automated patient selection and care coaches to increase advance care planning for cancer patients.** *Journal of the National Cancer Institute*
  Gensheimer, M. F., Teuteberg, W., Patel, M. I., Gupta, D., Noroozi, M., Ling, X., Fardeen, T., Seevaratnam, B., Lu, Y., Alves, N., Rogers, B., Asuncion, M. K., Denofrio, et al
  2024

- **Effects of household concrete floors on maternal and child health - the CRADLE trial: a randomised controlled trial protocol.** *medRxiv : the preprint server for health sciences*
  Rahman, M., Jahan, F., Hanif, S., Yeamin, A., Shoab, A. K., Andrews, J. R., Lu, Y., Billington, S., Pilotte, N., Shanta, I. S., Jubair, M., Rahman, M., Kabir, et al
  2024

- **Cultivating Patient Preferences in ALS Clinical Trials: Reliability and Prognostic Value of the Patient-Ranked Order of Function.** *Neurology*
  van Eijk, R. P., van den Berg, L. H., Lu, Y.
  2024; 103 (2): e209502

- **Efficacy of Chinese Medicine Treatment Based on Syndrome Differentiation for Primary Insomnia: A Randomized Placebo Controlled Triple-Blinded Trial.** *Chinese journal of integrative medicine*
  Xiong, Z. Y., Lu, Y., He, L. Y., Zhang, R. S., Zhou, X. Z., Li, P., Liu, Y. J., Zhu, J. G., Yan, S. Y., Liu, B. Y.
  2024

- **Suggestions on Using Machine Learning Models and Cautions for Analyzing Censored Time-To-Event Outcomes.** *JCO precision oncology*
  Shi, Y., Horiguchi, M., Lu, Y.
  2024; 8: e2400220

- **Collaborative Modeling to Compare Different Breast Cancer Screening Strategies: A Decision Analysis for the US Preventive Services Task Force.** *JAMA*
  Trentham-Dietz, A., Chapman, C. H., Jayasekera, J., Lowry, K. P., Heckman-Stoddard, B. M., Hampton, J. M., Caswell-Jin, J. L., Gangnon, R. E., Lu, Y., Huang, H., Stein, S., Sun, L., Gil Quessep, et al
  2024

- **CAR19 monitoring by peripheral blood immunophenotyping reveals histology-specific expansion and toxicity.** *Blood advances*
  Hamilton, M. P., Craig, E., Gentille Sanchez, C., Mina, A., Tamaresis, J., Kirmani, N., Ehlinger, Z., Syal, S., Good, Z., Sworder, B., Schroers-Martin, J., Lu, Y., Muffly, et al
  2024

- **Analysis of Breast Cancer Mortality in the US-1975 to 2019.** *JAMA*
  Caswell-Jin, J. L., Sun, L. P., Munoz, D., Lu, Y., Li, Y., Huang, H., Hampton, J. M., Song, J., Jayasekera, J., Schechter, C., Alagoz, O., Stout, N. K., Trentham-Dietz, et al
  2024; 331 (3): 233-241

- **Design and Implementation of an Electronic Health Record-Integrated Hypertension Management Application.** *Journal of the American Heart Association*
  Funes Hernandez, M., Babakhanian, M., Chen, T. P., Sarraju, A., Seninger, C., Ravi, V., Azizi, Z., Tooley, J., Chang, T. I., Lu, Y., Downing, N. L., Rodriguez, F., Li, et al
  2024; 13 (2): e030884

- **Monotonic Dose–Response and Curve-Free Designs for Phase I Dose Finding Trials.** *Dose Finding and Beyond in Biopharmaceutical Development.*
  Fan, S. K., Lee, B., Lu, Y., Xu, J.

Springer.2024: 127–160

- **Personalized Accelerated ChEmoRadiation (PACER) for Lung Cancer: Protocol for a Bayesian Optimal Phase I/II Trial.** *Clinical lung cancer*
  Hui, C., Brown, E., Wong, S., Das, M., Wakelee, H., Neal, J., Ramchandran, K., Myall, N. J., Pham, D., Xing, L., Yang, Y., Kovalchuk, N., Yuan, et al
  2023

- **CAR19 Therapy Drives Expansion of Clonal Hematopoiesis and Associated Cytopenias**
  Hamilton, M. P., Sworder, B. J., Alig, S. K., Good, Z., Boegeholz, J., Schroers-Martin, J., Tamaresis, J., Esfahani, M., Lu, Y., Olsen, M., Liu, C., Ehlinger, Z., Desai, et al
  AMER SOC HEMATOLOGY.2023

- **Standardization of dual-energy x-ray visceral adipose tissue measures for comparison across clinical imaging systems.** *Obesity (Silver Spring, Md.)*
  Bennett, J. P., Fan, B., Liu, E., Kazemi, L., Wu, X. P., Zhou, H. D., Lu, Y., Shepherd, J. A.
  2023

- **Hybrid controlled clinical trials using concurrent registries in Amyotrophic Lateral Sclerosis: A feasibility study.** *Clinical pharmacology and therapeutics*
  van Eijk, R. P., van den Berg, L. H., Roes, K. C., Tian, L., Lai, T. L., Nelson, L. M., Li, C., Scowcroft, A., Garcia-Segovia, J., Lu, Y.
  2023

- **Improved outcomes for relapsed/refractory Hodgkin lymphoma after autologous transplantation in the era of novel agents.** *Blood*
  Spinner, M. A., Sica, R. A., Tamaresis, J. S., Lu, Y., Chang, C., Lowsky, R., Frank, M. J., Johnston, L. J., Miklos, D. B., Muffly, L., Negrin, R. S., Rezvani, A. R., Shiraz, et al
  2023

- **REDACS: Regional emergency-driven adaptive cluster sampling for effective COVID-19 management.** *Stochastic analysis and applications*
  Stehlík, M., Kisel'ák, J., Dinamarca, A., Alvarado, E., Plaza, F., Medina, F. A., Stehlíková, S., Marek, J., Venegas, B., Gajdoš, A., Li, Y., Katuščák, S., Bražinová, et al
  2023; 41 (3): 474-508

- **A Seasonality-Adjusted Sequential Test for Vaccine Safety Surveillance.** *Biometrics*
  Shen, R., Moll, K., Lu, Y., Tian, L.
  2023

- **Clinical Trial to Evaluate an Atrial Fibrillation Stroke Prevention Shared DecisionMaking Pathway**
  Wang, P. J., Lu, Y., Mahaffey, K. W., Lin, A., Morin, D. P., Sears, S. F., Chung, M. K., Russo, A. M., Lin, B., Piccini, J. P., Hills, M. T., Berube, C., Pundi, et al
  LIPPINCOTT WILLIAMS & WILKINS.2022: E582-E583

- **Higher Rates of Severe Infection and Persistent Cytopenias in Long-Term CAR19 Responders Than after Autologous HCT: A Single Institution Study of 139 Subjects**
  Hamilton, M. P., Liu-Fei, F. C., Alig, S. K., Tamaresis, J., Esfahani, M., Good, Z., Sworder, B., Schroers-Martin, J., Liu, C., Severinsen, F., Hanson, P. J., Lu, Y., Lowsky, et al
  AMER SOC HEMATOLOGY.2022: 7545-7547

- **A Randomized Clinical Trial to Evaluate an Atrial Fibrillation Stroke Prevention Shared Decision-Making Pathway.** *Journal of the American Heart Association*
  Wang, P. J., Lu, Y., Mahaffey, K. W., Lin, A., Morin, D. P., Sears, S. F., Chung, M. K., Russo, A. M., Lin, B., Piccini, J., Hills, M. T., Berube, C., Pundi, et al
  2022: e8009

- **Increasing patient participation in oncology clinical trials.** *Cancer medicine*
  Chen, J., Lu, Y., Kummar, S.
  2022

- **Extensions of empirical likelihood and chi-squared-based tests for ordered alternatives.** *Journal of applied statistics*
  Carmen Pardo, M., Lu, Y., Franco-Pereira, A. M.
  2022; 49 (1): 24-43

- **A Composite Endpoint for Treatment Benefit According to Patient Preference** *STATISTICS IN BIOPHARMACEUTICAL RESEARCH*
  Lu, Y., Zhao, Q., Zou, J., Yan, S., Tamaresis, J. S., Nelson, L., Tu, X. M., Chen, J., Tian, L.

2022

- **A Composite Endpoint for Treatment Benefit According to Patient Preference.** *Statistics in biopharmaceutical research*
  Lu, Y., Zhao, Q., Zou, J., Yan, S., Tamaresis, J. S., Nelson, L., Tu, X. M., Chen, J., Tian, L.
  2022; 14 (4): 408-422
- **Nervous system drugs taken by future fathers and birth defects in offspring: a prospective registry-based cohort study.** *BMJ open*
  Wensink, M., Lu, Y., Tian, L., Jensen, T. K., Skakkebak, N. E., Lindahl-Jacobsen, R., Eisenberg, M.
  2022; 12 (3): e053946
- **Preconception Antidiabetic Drugs in Men and Birth Defects in Offspring : A Nationwide Cohort Study.** *Annals of internal medicine*
  Wensink, M. J., Lu, Y., Tian, L., Shaw, G. M., Rizzi, S., Jensen, T. K., Mathiesen, E. R., Skakkebæk, N. E., Lindahl-Jacobsen, R., Eisenberg, M. L.
  2022
- **Joint modelling of endpoints can be used to answer various research questions in randomized clinical trials.** *Journal of clinical epidemiology*
  van Eijk, R. P., Roes, K. C., van den Berg, L. H., Lu, Y.
  2022
- **REDACS: Regional emergency-driven adaptive cluster sampling for effective COVID-19 management** *STOCHASTIC ANALYSIS AND APPLICATIONS*
  Stehlik, M., Dinamarca, A., Alvarado, E., Plaza, F., Medina, F. A., Stehlikova, S., Marek, J., Venegas, B., Gajdos, A., Li, Y., Katuscak, S., Brazinova, A., Zeintl, et al
  2022
- **Functional loss and mortality in randomized clinical trials for amyotrophic lateral sclerosis: to combine, or not to combine - that is the estimand.** *Clinical pharmacology and therapeutics*
  van Eijk, R. P., Roes, K. C., de Greef-van der Sandt, I., van den Berg, L. H., Lu, Y.
  1800
- **Evaluation of Surrogate Endpoints Using Information-Theoretic Measure of Association Based on Havrda and Charvat Entropy** *Mathematics*
  Pardo, M. d., Zhao, Q., Jin, H., Lu, Y.
  2022; 10 (3): 465
- **The ENHANCE-AF Clinical Trial to Evaluate an Atrial Fibrillation Shared Decision-Making Pathway: Rationale and Study Design.** *American heart journal*
  Baykaner, T., Pundi, K., Lin, B., Lu, Y., DeSutter, K., Lhamo, K., Garay, G., Nunes, J. C., Morin, D. P., Sears, S. F., Chung, M. K., Paasche-Orlow, M. K., Sanders, et al
  2022
- **Composite endpoint for ALS clinical trials based on patient preference: Patient-Ranked Order of Function (PROOF).** *Journal of neurology, neurosurgery, and psychiatry*
  van Eijk, R. P., van den Berg, L. H., Lu, Y.
  1800
- **N-Terminal Pro-B-Type Natriuretic Peptide as a Biomarker for the Severity and Outcomes With COVID-19 in a Nationwide Hospitalized Cohort.** *Journal of the American Heart Association*
  O'Donnell, C., Ashland, M. D., Vasti, E. C., Lu, Y., Chang, A. Y., Wang, P., Daniels, L. B., de Lemos, J. A., Morrow, D. A., Rodriguez, F., O'Brien, C. G.
  2021: e022913
- **Prevalence of Multimorbidity of Chronic Noncommunicable Diseases in Brazil: Population-Based Study.** *JMIR public health and surveillance*
  Shi, X., Lima, S. M., Mota, C. M., Lu, Y., Stafford, R. S., Pereira, C. V.
  2021; 7 (11): e29693
- **Validation of Deep Learning-based Augmentation for Reduced 18F-FDG Dose for PET/MRI in Children and Young Adults with Lymphoma.** *Radiology. Artificial intelligence*
  Theruvath, A. J., Siedek, F., Yerneni, K., Muehe, A. M., Spunt, S. L., Pribnow, A., Moseley, M., Lu, Y., Zhao, Q., Gulaka, P., Chaudhari, A., Daldrup-Link, H. E.
  2021; 3 (6): e200232
- **In-Stent Restenosis in Saphenous Vein Grafts (from the DIVA Trial).** *The American journal of cardiology*

Xenogiannis, I., Rangan, B. V., Uyeda, L., Banerjee, S., Edson, R., Bhatt, D. L., Goldman, S., Holmes, D. R., Rao, S. V., Shunk, K., Mavromatis, K., Ramanathan, K., Bavry, et al
2021

- **Statistical Considerations for Sequential Analysis of the Restricted Mean Survival Time for Randomized Clinical Trials.** *Statistics in biopharmaceutical research*
  Lu, Y., Tian, L.
  2021; 13 (2): 210-218
- **The sunscreen for kindergarteners (SKIN) study trial protocol.** *Contemporary clinical trials*
  Lee, G. H., Bae, G. H., Barnes, L. A., Pol-Rodriguez, M. M., Ransohoff, K. J., Nord, K. M., Lu, Y., Cannell, B., Weitlauf, J. C.
  2021: 106480
- **A systematic literature review of the disease burden in patients with recessive dystrophic epidermolysis bullosa.** *Orphanet journal of rare diseases*
  Tang, J. Y., Marinkovich, M. P., Lucas, E., Gorell, E., Chiou, A., Lu, Y., Gillon, J., Patel, D., Rudin, D.
  2021; 16 (1): 175
- **Evaluating eligibility criteria of oncology trials using real-world data and AI.** *Nature*
  Liu, R., Rizzo, S., Whipple, S., Pal, N., Pineda, A. L., Lu, M., Arnieri, B., Lu, Y., Capra, W., Copping, R., Zou, J.
  2021
- **Bladder cancer risk stratification using a urinary mRNA biomarker panel - A path towards cystoscopy triaging.** *Urologic oncology*
  Shkolyar, E., Zhao, Q., Mach, K. E., Teslovich, N. C., Lee, T. J., Cox, S., Skinner, E. C., Lu, Y., Liao, J. C.
  2021
- **A Conversation with Tze Leung Lai** *STATISTICAL SCIENCE*
  Lu, Y., Small, D. S., Ying, Z.
  2021; 36 (1): 158–67
- **A statistical quality assessment method for longitudinal observations in electronic health record data with an application to the VA million veteran program.** *BMC medical informatics and decision making*
  Wang, H., Belitskaya-Levy, I., Wu, F., Lee, J. S., Shih, M. C., Tsao, P. S., Lu, Y.
  2021; 21 (1): 289
- **Parental age and preterm birth: a population-based cohort of nearly 3 million California livebirths from 2007 to 2012.** *Journal of perinatology : official journal of the California Perinatal Association*
  Mayo, J. A., Lu, Y., Stevenson, D. K., Shaw, G. M., Eisenberg, M. L.
  2020
- **"SPOCU": scaled polynomial constant unit activation function (November, 10.1007/s00521-020-05182-1, 2020)** *NEURAL COMPUTING & APPLICATIONS*
  Kiselak, J., Lu, Y., Svihra, J., Szepe, P., Stehlik, M.
  2020
- **Statistical Considerations for Sequential Analysis of the Restricted Mean Survival Time for Randomized Clinical Trials** *STATISTICS IN BIOPHARMACEUTICAL RESEARCH*
  Lu, Y., Tian, L.
  2020
- **Classification of Two Distinct Wound Types in Recessive Dystrophic Epidermolysis Bullosa: A Retrospective and Cohort Natural History Study.** *Journal of the American Academy of Dermatology*
  Solis, D. C., Teng, C., Gorell, E. S., Barriga, M., Nazaroff, J., Li, S., Lu, Y., Bruckner, A., Marinkovich, M. P., Tang, J. Y.
  2020
- **"SPOCU": scaled polynomial constant unit activation function** *NEURAL COMPUTING & APPLICATIONS*
  Kisel'ak, J., Lu, Y., Svihra, J., Szepe, P., Stehlik, M.
  2020
- **Extensions of empirical likelihood and chi-squared-based tests for ordered alternatives** *JOURNAL OF APPLIED STATISTICS*
  Carmen Pardo, M., Lu, Y., Franco-Pereira, A. M.

2020

- **A curve free Bayesian decision-theoretic design for phase Ia/Ib trials considering both safety and efficacy outcomes.** *Statistics in biosciences*
  Fan, S., Lee, B. L., Lu, Y.
  2020; 12 (2): 146-166
- **A Curve-Free Bayesian Decision-Theoretic Design for Phase Ia/Ib Trials Considering Both Safety and Efficacy Outcomes** *STATISTICS IN BIOSCIENCES*
  Fan, S., Lee, B., Lu, Y.
  2020
- **A Qualitative Study on the Differences Between Trial Populations and the Approved Therapeutic Indications of Antineoplastic Agents by 3 Regulatory Agencies From 2010 to 2018.** *Clinical therapeutics*
  Sumi, E., Asada, R., Lu, Y., Ito-Ihara, T., Grimes, K. V.
  2020
- **Statistical Methods in Precision Oncology.** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*
  Lu, Y. n., Lee, J. J., Ford, J. M.
  2020: JCO1903173
- **Background and Proposed Design for a Metformin Abdominal Aortic Aneurysm Suppression Trial** *Vascular & Endovascular Review*
  Dalman, R. L., Lu, Y., Mahaffey, K. W., Chase, A. J., Stern, J. R., Chang, R. W.
  2020; 3: e08
- **Veterans Affairs Cooperative Studies Program Study #553: Chemotherapy After Prostatectomy for High-risk Prostate Carcinoma: A Phase III Randomized Study.** *European urology*
  Lin, D. W., Shih, M. C., Aronson, W. n., Basler, J. n., Beer, T. M., Brophy, M. n., Cooperberg, M. n., Garzotto, M. n., Kelly, W. K., Lee, K. n., McGuire, V. n., Wang, Y. n., Lu, et al
  2020
- **Association between preconception paternal health and pregnancy loss in the USA: an analysis of US claims data.** *Human reproduction (Oxford, England)*
  Kasman, A. M., Zhang, C. A., Li, S. n., Lu, Y. n., Lathi, R. B., Stevenson, D. K., Shaw, G. M., Eisenberg, M. L.
  2020
- **On the empirical choice of the time window for restricted mean survival time.** *Biometrics*
  Tian, L. n., Jin, H. n., Uno, H. n., Lu, Y. n., Huang, B. n., Anderson, K. M., Wei, L. J.
  2020
- **Exact inference for the random-effect model for meta-analyses with rare events.** *Statistics in medicine*
  Gronsbell, J., Hong, C., Nie, L., Lu, Y., Tian, L.
  2019
- **Fredholm integral relation between compound estimation and prediction (FIRCEP)** *STOCHASTIC ANALYSIS AND APPLICATIONS*
  Stehlik, M., Kisel'ak, J., Bukina, E., Lu, Y., Baran, S.
  2019
- **A Collection of Statistical Methods for Precision Oncology.** *JCO precision oncology*
  Lu, Y., Lee, J. J.
  2019; 3: 1-3
- **In-Stent Restenosis in Saphenous Vein Grafts: Insights From the DIVA trial**
  Xenogiannis, I., Rangan, B., Uyeda, L., Banerjee, S., Edson, R., Bhatt, D., Holmes, D., Rao, S., Mavromatis, K., Ramanathan, K., McFalls, E., Garcia, S., Uretsky, et al
  ELSEVIER SCIENCE INC.2019: B661
- **Disease burden in offspring is associated with changing paternal demographics in the United States.** *Andrology*
  Greenberg, D. R., Khandwala, Y. S., Lu, Y., Stevenson, D. K., Shaw, G. M., Eisenberg, M. L.
  2019

- **How to Prevent a Leaky Pipeline in Academic Radiology: Insights From a Faculty Survey** *JOURNAL OF THE AMERICAN COLLEGE OF RADIOLOGY*
  Daldrup-Link, H., Villavasso, K., Zhao, Q., Lu, Y., Ranieri, A., Simard, C., Gambhir, S.
  2019; 16 (9): 1220–24
- **ON FEATURE ENSEMBLE OPTIMIZING THE SENSITIVITY AND PARTIAL ROC CURVE** *STATISTICA SINICA*
  Zhang, Z., Lu, Y., Tian, L.
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