



Kristin Sainani (n e Cobb)

Professor (Teaching) of Epidemiology and Population Health

Bio

ACADEMIC APPOINTMENTS

- Professor (Teaching), Epidemiology and Population Health

HONORS AND AWARDS

- Biosciences Award for Excellence in Graduate Teaching, Stanford University (2018)
- Teaching Award, Div of Epidemiology (HRP) (2005, 2007, 2009)
- Rennie Taylor/Alton Blakeslee Fellowship for Science Writing, Council for the Advancement of Science Writing (2001-2002)
- Howard Hughes Predoctoral Fellow in the Biological Sciences, Howard Hughes Medical Institute (1997-2002)

PROFESSIONAL EDUCATION

- Certificate, UC-Santa Cruz , Science Writing (2002)
- PhD, Stanford , Epidemiology (2002)
- MS, Stanford , Statistics (1999)

LINKS

- My home page: <https://web.stanford.edu/~kcobb/>
- Statistics Podcast: <https://www.normalcurves.com>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Science writing, science communication, biostatistics. Research areas: osteoporosis, stress fractures, sports injuries, female athlete triad.

Teaching

COURSES

2025-26

- Beyond the Dashboard: Foundations in Healthcare Statistics: CIM 203 (Sum)
- Intermediate Biostatistics: Analysis of Discrete Data: BMDS 241, EPI 261, STATS 261 (Win)
- Intermediate Biostatistics: Regression, Prediction, Survival Analysis: EPI 262, STATS 262 (Spr)
- Introduction to Health Sciences Statistics: HUMBIO 89 (Aut)
- Introduction to Probability and Statistics for Clinical Research: EPI 258 (Spr)

- Introduction to Probability and Statistics for Epidemiology: EPI 159, EPI 259 (Aut, Sum)
- Scientific Writing: EPI 214 (Win)

2024-25

- Beyond the Dashboard: Foundations in Healthcare Statistics: CIM 203 (Sum)
- Introduction to Health Sciences Statistics: HUMBIO 89 (Aut)
- Introduction to Probability and Statistics for Epidemiology: EPI 159, EPI 259 (Aut, Sum)

2023-24

- Intermediate Biostatistics: Analysis of Discrete Data: BIOMEDIN 233, EPI 261, STATS 261 (Win)
- Intermediate Biostatistics: Regression, Prediction, Survival Analysis: EPI 262, STATS 262 (Spr)
- Introduction to Probability and Statistics for Clinical Research: EPI 258 (Spr)
- Introduction to Probability and Statistics for Epidemiology: EPI 259, HUMBIO 89X (Aut, Sum)
- Quality & Safety in U.S. Healthcare: CIM 203 (Sum)
- Scientific Writing: EPI 214 (Win)

2022-23

- Intermediate Biostatistics: Analysis of Discrete Data: BIOMEDIN 233, EPI 261, STATS 261 (Win)
- Intermediate Biostatistics: Regression, Prediction, Survival Analysis: EPI 262, STATS 262 (Spr)
- Introduction to Health Sciences Statistics: HUMBIO 89 (Aut)
- Introduction to Probability and Statistics for Clinical Research: EPI 258 (Spr)
- Introduction to Probability and Statistics for Epidemiology: EPI 259, HUMBIO 89X (Aut, Sum)
- Preparation and Practice: Scientific Communication and Media I: EPI 271 (Sum)
- Quality & Safety in U.S. Healthcare: BIOMEDIN 254 (Spr, Sum)
- Scientific Writing: EPI 214 (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Jonathan Altamirano, Aubrey Roberts

Doctoral Dissertation Advisor (AC)

Beau Nguyen

Master's Program Advisor

Ian Miller

Doctoral (Program)

Jonathan Altamirano, Cesar Baeta, Sylvie Dobrota Lai, Michael Hittle, Richard Liang, Anna Nguyen, Beau Nguyen, Rishi Parikh, Amadeia Rector, Aubrey Roberts, Simon John Christoph Soerensen, Shamsi Soltani

Publications

PUBLICATIONS

- **Response to "homeopathy: a null field or effective psychotherapy?".** *Journal of clinical epidemiology*
Sigurdson, M. K., Sainani, K. L., Ioannidis, J. P.
2024: 111266

- **Mental Health Matters: A Cross-Sectional Survey on Depression and Anxiety Symptoms and the Female and Male Athlete Triad** *CLINICAL JOURNAL OF SPORT MEDICINE*
Olson, E., Miro, E., Roche, M., Mehta, S., Sainani, K., Kraus, E.
2023; 33 (4): 368-375
- **Homeopathy can offer empirical insights on treatment effects in a null field.** *Journal of clinical epidemiology*
Sigurdson, M. K., Sainani, K. L., Ioannidis, J. P.
2023
- **With Great Power Comes Great Responsibility: Common Errors in Meta-Analyses and Meta-Regressions in Strength & Conditioning Research.** *Sports medicine (Auckland, N.Z.)*
Kadlec, D., Sainani, K. L., Nimphius, S.
2022
- **Calculating Sample Size for Reliability Studies.** *PM & R : the journal of injury, function, and rehabilitation*
Borg, D. N., Bach, A. J., O'Brien, J. L., Sainani, K. L.
2022
- **Wish List for Improving the Quality of Statistics in Sport Science.** *International journal of sports physiology and performance*
Sainani, K., Chamari, K.
2022: 1-2
- **Prevalence of Female and Male Athlete Triad Risk Factors in Ultramarathon Runners.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
Hoeg, T. B., Olson, E. M., Skaggs, K., Sainani, K., Fredericson, M., Roche, M., Kraus, E.
2021
- **Multinomial and Ordinal Logistic Regression.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2021
- **Ten common statistical errors from all phases of research, and their fixes.** *PM & R : the journal of injury, function, and rehabilitation*
Borg, D. N., Lohse, K. R., Sainani, K. L.
2020
- **Call to increase statistical collaboration in sports science, sport and exercise medicine and sports physiotherapy.** *British journal of sports medicine*
Sainani, K. L., Borg, D. N., Caldwell, A. R., Butson, M. L., Tenan, M. S., Vickers, A. J., Vigotsky, A. D., Warmenhoven, J. n., Nguyen, R. n., Lohse, K. R., Knight, E. J., Bargary, N. n.
2020
- **How to Be a Statistical Detective.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2019
- **The 2016 California policy to eliminate nonmedical vaccine exemptions and changes in vaccine coverage: An empirical policy analysis** *PLOS MEDICINE*
Nyathi, S., Karpel, H. C., Sainani, K. L., Maldonado, Y., Hotez, P. J., Bendavid, E., Lo, N. C.
2019; 16 (12)
- **Dual-energy X-ray absorptiometry per cent fat Z-score as a predictor of menstrual status in adolescent and young adult female athletes.** *British journal of sports medicine*
Keating, M., Saville, G. H., McCall, L., Sainani, K. L., Ackerman, K. E.
2026; 60 (5): 362-369
- **Sports Metaresearch: An Emerging Discipline of Sport Science and Medicine.** *Sports medicine (Auckland, N.Z.)*
Warmenhoven, J., Menaspà, P., Borg, D. N., Vazire, S., White, N., Sainani, K., Nimphius, S., Coutts, A. J., Impellizzeri, F. M.
2025
- **A Descriptive Analysis of the Seasonal Patterns of Bone Stress Injury Incidence in Division I Collegiate Distance Runners.** *The American journal of sports medicine*

Wolff, A., Kurina, L. M., Sainani, K. L., Tenforde, A. S., Nattiv, A., Fredericson, M.
2025: 3635465241307231

- **An Update on Triad Prevalence and Exploratory Hormonal Biomarker Analyses in Ultramarathon Runners** *CLINICAL JOURNAL OF SPORT MEDICINE*
Roche, M., Sainani, K., Walker, M., McIntyre, A., Kelly, R., Hoeg, T., Fredericson, M., Kraus, E.
2024; 34 (5): 469-473
- **How can we better engage female athletes? A novel approach to health and performance education in adolescent athletes** *BMJ OPEN SPORT & EXERCISE MEDICINE*
Roche, M., McIntyre, A., Oliver, C., Sainani, K., Boyd, T., Stoner, A., Kraus, E.
2024; 10 (3): e001901
- **The association between overuse and musculoskeletal injuries and the female athlete triad in Division I collegiate athletes.** *PM & R : the journal of injury, function, and rehabilitation*
Miller Olson, E., Sainani, K. L., Dyrek, P., Bakal, D., Miller, K., Carlson, J. L., Fredericson, M., Tenforde, A. S.
2024
- **Healthy runner project: a 7-year, multisite nutrition education intervention to reduce bone stress injury incidence in collegiate distance runners** *BMJ OPEN SPORT & EXERCISE MEDICINE*
Fredericson, M., Roche, M., Barrack, M. T., Tenforde, A., Sainani, K., Kraus, E., Kussman, A., Olson, E., Kim, B., Fahy, K., Miller, E., Diamond, E., Meraz, et al
2024; 10 (1)
- **Higher Triad Risk Scores Are Associated With Increased Risk for Trabecular-Rich Bone Stress Injuries in Female Runners.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
Roche, M., Nattiv, A., Sainani, K., Barrack, M., Kraus, E., Tenforde, A., Kussman, A., Olson, E. M., Kim, B., Fahy, K., Miller, E., Diamond, E., Meraz, et al
2023
- **Dual-Energy X-ray Absorptiometry Percent Fat Z-score As A Predictor Of Female Athlete Menstrual Status**
Keating, M., Saville, G., McCall, L., Harris, A., Sainani, K., Ackerman, K.
LIPPINCOTT WILLIAMS & WILKINS.2023: 335
- **Perception Of Thinness Promoting Faster Running Is Associated With Lower Energy Availability In Collegiate Runners**
Barrack, M. T., Fredericson, M., Sainani, K., Kraus, E., Roche, M., Diamond, E., Lewis, T., McIntyre, A., Nattiv, A.
LIPPINCOTT WILLIAMS & WILKINS.2023: 776
- **Mental Health Matters: A Cross-Sectional Survey on Depression and Anxiety Symptoms and the Female and Male Athlete Triad.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
Olson, E. M., Miro, E., Roche, M., Mehta, S., Sainani, K., Kraus, E.
2023; 33 (4): 368-375
- **Exploratory Analyses: How to Meaningfully Interpret and Report Them.** *PM & R : the journal of injury, function, and rehabilitation*
Roberts, A., Roche, M., Sainani, K. L.
2023
- **Healthy Runner Project: a 7-year, multisite nutrition education intervention to reduce bone stress injury incidence in collegiate distance runners.** *BMJ open sport & exercise medicine*
Fredericson, M., Roche, M., Barrack, M. T., Tenforde, A., Sainani, K., Kraus, E., Kussman, A., Miller Olson, E., Kim, B. Y., Fahy, K., Miller, E., Diamond, E., Meraz, et al
2023; 9 (2): e001545
- **Perceptions Of Weight And Nutrition On Performance Among Division 1 Distance Runners, A Pilot Study**
Oberle, L., Nattiv, A., Fredericson, M., Sainani, K., Roche, M., Diamond, E., Lewis, T., Krause, E., McIntyre, A., Wang, J., Barrack, M. T.
LIPPINCOTT WILLIAMS & WILKINS.2022: 326
- **Female Athlete Triad Risk Factors Are More Strongly Associated With Trabecular-Rich Versus Cortical-Rich Bone Stress Injuries in Collegiate Athletes.** *Orthopaedic journal of sports medicine*
Tenforde, A. S., Katz, N. B., Sainani, K. L., Carlson, J. L., Golden, N. H., Fredericson, M.
2022; 10 (9): 23259671221123588

- **Evaluating Genetic Predictors Of Bone Health In Ultramarathon Runners: Are Females Overriding Their Genetic Predisposition?**
Roche, M., Sainani, K., Walker, M., Kelly, R., Fredericson, M., Kraus, E.
LIPPINCOTT WILLIAMS & WILKINS.2022: 526-527
- **Adherence to contemporary antiretroviral treatment regimens and impact on immunological and virologic outcomes in a US healthcare system.** *PloS one*
T Tchakoute, C., Rhee, S., Hare, C. B., Shafer, R. W., Sainani, K.
2022; 17 (2): e0263742
- **Impacts of COVID-19 on Mental Health and Training in US Professional Endurance Athletes.** *Clinical journal of sport medicine : official journal of the Canadian Academy of Sport Medicine*
Roche, M., Sainani, K., Noordsy, D., Fredericson, M.
2021
- **Sun Protective Behaviors and Attitudes of Runners.** *Sports (Basel, Switzerland)*
Tenforde, A. S., Fredericson, M., Toth, K. E., Sainani, K. L.
2021; 10 (1)
- **Ordinal Prediction Model of 90-Day Modified Rankin Scale in Ischemic Stroke.** *Frontiers in neurology*
Zhang, M. Y., Mlynash, M., Sainani, K. L., Albers, G. W., Lansberg, M. G.
2021; 12: 727171
- **Lower Trabecular Bone Score and Spine Bone Mineral Density Are Associated with Bone Stress Injuries and Triad Risk Factors in Collegiate Athletes.** *PM & R : the journal of injury, function, and rehabilitation*
Tenforde, A. S., Carlson, J. L., Sainani, K. L., Chang, A. O., Kim, J. H., Diaz, R., Golden, N. H., Fredericson, M.
2020
- **Identifying Triad Risk Factors In Ultramarathon Runners**
Skaggs, K. F., Fredericson, M., Miller, E. K., Roche, M., Hoeg, T. B., Sainani, K., Kraus, E.
LIPPINCOTT WILLIAMS & WILKINS.2020: 68
- **Genetic Predictions Of Bone Mineral Density In Ultramarathon Runners: For Men, But Not For Women**
Miller, E. K., Fredericson, M., Roche, M., Skaggs, K., Hoeg, T., Sainani, K., Kraus, E.
LIPPINCOTT WILLIAMS & WILKINS.2020: 783-84
- **Predictors And Prevalence Of Low Bone Mineral Density And Bone Stress Injuries In Ultramarathon Runners**
Hoeg, T. B., Fredericson, M., Sainani, K. L., Skaggs, K. F., Roche, M. D., Miller, E., Kraus, E.
LIPPINCOTT WILLIAMS & WILKINS.2020: 492
- **Systematic review of the use of "magnitude-based inference" in sports science and medicine.** *PloS one*
Lohse, K. R., Sainani, K. L., Taylor, J. A., Butson, M. L., Knight, E. J., Vickers, A. J.
2020; 15 (6): e0235318
- **Comment on: 'Moving Sport and Exercise Science Forward: A Call for the Adoption of More Transparent Research Practices'.** *Sports medicine (Auckland, N.Z.)*
Borg, D. N., Bon, J. J., Sainani, K. L., Baguley, B. J., Tierney, N. J., Drovandi, C. n.
2020
- **Virological Failure and Acquired Genotypic Resistance Associated With Contemporary Antiretroviral Treatment Regimens.** *Open forum infectious diseases*
Rhee, S. Y., Clutter, D. n., Hare, C. B., Tchakoute, C. T., Sainani, K. n., Fessel, W. J., Hurley, L. n., Slome, S. n., Pinsky, B. A., Silverberg, M. J., Shafer, R. W.
2020; 7 (9): ofaa316
- **Assessing diagnostic and severity grading accuracy of ultrasound measurements for carpal tunnel syndrome compared to electrodiagnostics.** *PM & R : the journal of injury, function, and rehabilitation*
Yin-Ting, C. n., Miller Olson, E. K., Lee, S. H., Sainani, K. n., Fredericson, M. n.
2020
- **Increase in Blood Pressure Associated With Tyrosine Kinase Inhibitors Targeting Vascular Endothelial Growth Factor.** *JACC. CardioOncology*

- Waliyany, S., Sainani, K. L., Park, L. S., Zhang, C. A., Srinivas, S., Witteles, R. M.
2019; 1 (1): 24-36
- **Case Studies in Statistics** *PM&R*
Sainani, K. L.
2019; 11 (6): 654–56
 - **Case Studies in Statistics.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2019
 - **The 2016 California policy to eliminate nonmedical vaccine exemptions and changes in vaccine coverage: An empirical policy analysis.** *PLoS medicine*
Nyathi, S. n., Karpel, H. C., Sainani, K. L., Maldonado, Y. n., Hotez, P. J., Bendavid, E. n., Lo, N. C.
2019; 16 (12): e1002994
 - **Magnitude-Based Inference is Not Bayesian and is Not a Valid Method of Inference.** *Scandinavian journal of medicine & science in sports*
Sainani, K. L., Lohse, K. R., Jones, P. R., Vickers, A. n.
2019
 - **Lack of Diagnostic Utility of "Amino Acid Dysregulation Metabotypes".** *Biological psychiatry*
Sainani, K. L., Goodman, S. N.
2018
 - **Bone stress injuries in male distance runners: higher modified Female Athlete Triad Cumulative Risk Assessment scores predict increased rates of injury.** *British journal of sports medicine*
Kraus, E., Tenforde, A. S., Nattiv, A., Sainani, K. L., Kussman, A., Deakins-Roche, M., Singh, S., Kim, B. Y., Barrack, M. T., Fredericson, M.
2018
 - **The Burden of Caring for a Child or Adolescent With Pediatric Acute-Onset Neuropsychiatric Syndrome (PANS): An Observational Longitudinal Study.** *The Journal of clinical psychiatry*
Frankovich, J., Leibold, C. M., Farmer, C., Sainani, K., Kamalani, G., Farhadian, B., Willett, T., Park, J. M., Sidell, D., Ahmed, S., Thienemann, M.
2018; 80 (1)
 - **Response.** *Medicine and science in sports and exercise*
Sainani, K. L.
2018; 50 (12): 2611
 - **Dealing With Binary Repeated Measures Data** *PM&R*
Tchakoute, C., Sainani, K. L.
2018; 10 (12): 1412–16
 - **Response.** *Medicine and science in sports and exercise*
Sainani, K. L.
2018
 - **A Checklist for Analyzing Data.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2018; 10 (9): 963–65
 - **Breastfeeding mitigates the effects of maternal HIV on infant infectious morbidity in the Option B+ era: A multicenter prospective cohort study.** *AIDS (London, England)*
Tchakoute, C. T., Sainani, K. L., Osawe, S., Datong, P., Kiravu, A., Rosenthal, K. L., Gray, C. M., Cameron, D. W., Abimiku, A., Jaspan, H. B., INFANT study team*
2018
 - **Sport and Triad Risk Factors Influence Bone Mineral Density in Collegiate Athletes.** *Medicine and science in sports and exercise*
Tenforde, A. S., Carlson, J. L., Sainani, K. L., Chang, A. O., Kim, J. H., Golden, N. H., Fredericson, M.
2018
 - **Re: Sainani K. Interpreting "null" results Reply** *PM&R*

- Sainani, K. L.
2018; 10 (5): 563
- **Youth Multi-sport Participation Is Associated With Higher Bone Mineral Density In Female Collegiate Distance Runners**
Miller, E., Fredericson, M., Kussman, A., Krauss, E., Singh, S., Deakins-Roche, M., Kim, B., Tenforde, A., Sainani, K., Nattiv, A.
LIPPINCOTT WILLIAMS & WILKINS.2018: 490
 - **The Problem with "Magnitude-Based Inference".** *Medicine and science in sports and exercise*
Sainani, K. L.
2018
 - **Instrumental Variables: Uses and Limitations** *PM&R*
Sainani, K. L.
2018; 10 (3): 303–8
 - **Type of Sports Participation Modulates Risk For Low BMD in Athletes With Female Athlete Triad**
Tenforde, A., Sainani, K., Carlson, J., Golden, N., Fredericson, M.
WILEY.2017: S102
 - **Getting the Right Answer: Four Statistical Principles.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2017; 9 (9): 933-937
 - **Semantic Memory in the Clinical Progression of Alzheimer Disease** *COGNITIVE AND BEHAVIORAL NEUROLOGY*
Tchakoute, C. T., Sainani, K. L., Henderson, V. W.
2017; 30 (3): 81–89
 - **Reliability Statistics.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2017; 9 (6): 622-628
 - **Evaluation of Evidence of Statistical Support and Corroboration of Subgroup Claims in Randomized Clinical Trials.** *JAMA internal medicine*
Wallach, J. D., Sullivan, P. G., Trepanowski, J. F., Sainani, K. L., Steyerberg, E. W., Ioannidis, J. P.
2017
 - **Association of the Female Athlete Triad Risk Assessment Stratification to the Development of Bone Stress Injuries in Collegiate Athletes.** *American journal of sports medicine*
Tenforde, A. S., Carlson, J. L., Chang, A., Sainani, K. L., Shultz, R., Kim, J. H., Cutti, P., Golden, N. H., Fredericson, M.
2017; 45 (2): 302-310
 - **The Value of Scatter Plots** *PM&R*
Sainani, K. L.
2016; 8 (12): 1213-1217
 - **Introduction to Survival Analysis.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2016; 8 (6): 580-5
 - **Supply and Perceived Demand for Teleophthalmology in Triage and Consultations in California Emergency Departments** *JAMA OPHTHALMOLOGY*
Wedekind, L., Sainani, K., Pershing, S.
2016; 134 (5): 537-543
 - **Supply and Perceived Demand for Teleophthalmology in Triage and Consultations in California Emergency Departments.** *JAMA ophthalmology*
Wedekind, L., Sainani, K., Pershing, S.
2016
 - **Raloxifene for women with Alzheimer disease: A randomized controlled pilot trial.** *Neurology*
Henderson, V. W., Ala, T., Sainani, K. L., Bernstein, A. L., Stephenson, B. S., Rosen, A. C., Farlow, M. R.
2015; 85 (22): 1937-1944

- **What is Computer Simulation?** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2015; 7 (12): 1290-1293
- **Obstructive Sleep Apnea Is an Independent Predictor of Postoperative Atrial Fibrillation in Cardiac Surgery** *JOURNAL OF CARDIOTHORACIC AND VASCULAR ANESTHESIA*
Wong, J. K., Maxwell, B. G., Kushida, C. A., Sainani, K. L., Lobato, R. L., Woo, J., Pearl, R. G.
2015; 29 (5): 1140-1147
- **Dealing With Missing Data.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2015; 7 (9): 990-994
- **Identifying Sex-Specific Risk Factors for Low Bone Mineral Density in Adolescent Runners** *AMERICAN JOURNAL OF SPORTS MEDICINE*
Tenforde, A. S., Fredericson, M., Sayres, L. C., Cutti, P., Sainani, K. L.
2015; 43 (6): 1494-1504
- **Dealing With Longitudinal Data.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2015; 7 (6): 649-53
- **Running habits of competitive runners during pregnancy and breastfeeding.** *Sports health*
Tenforde, A. S., Toth, K. E., Langen, E., Fredericson, M., Sainani, K. L.
2015; 7 (2): 172-176
- **Participation in Ball Sports May Represent a Prehabilitation Strategy to Prevent Future Stress Fractures and Promote Bone Health in Young Athletes** *PM&R*
Tenforde, A. S., Sainani, K. L., Sayres, L. C., Milgrom, C., Fredericson, M.
2015; 7 (2): 222-225
- **Logistic Regression** *PM&R*
Sainani, K. L.
2014; 6 (12): 1157-1162
- **Explanatory Versus Predictive Modeling** *PM&R*
Sainani, K. L.
2014; 6 (9): 841-844
- **Explanatory versus predictive modeling.** *PM & R : the journal of injury, function, and rehabilitation*
Sainani, K. L.
2014; 6 (9): 841-4
- **Bonferroni, Holm, and Hochberg Corrections: Fun Names, Serious Changes to P Values** *PM&R*
McLaughlin, M. J., Sainani, K. L.
2014; 6 (6): 544-546
- **Bonferroni, Holm, and Hochberg corrections: fun names, serious changes to p values.** *PM & R : the journal of injury, function, and rehabilitation*
McLaughlin, M. J., Sainani, K. L.
2014; 6 (6): 544-546
- **Introduction to Principal Components Analysis** *PM&R*
Sainani, K. L.
2014; 6 (3): 275-278
- **Eczema and sensitization to common allergens in the United States: a multiethnic, population-based study.** *Pediatric dermatology*
Fu, T., Keiser, E., Linos, E., Rotatori, R. M., Sainani, K., Lingala, B., Lane, A. T., Schneider, L., Tang, J. Y.
2014; 31 (1): 21-26
- **Understanding Linear Regression** *PM&R*

-
- Sainani, K. L.
2013; 5 (12): 1063-1068
- **Higher Caloric Intake in Hospitalized Adolescents With Anorexia Nervosa Is Associated With Reduced Length of Stay and No Increased Rate of Refeeding Syndrome** *JOURNAL OF ADOLESCENT HEALTH*
Golden, N. H., Keane-Miller, C., Sainani, K. L., Kapphahn, C. J.
2013; 53 (5): 573-578
 - **Identifying sex-specific risk factors for stress fractures in adolescent runners.** *Medicine and science in sports and exercise*
Tenforde, A. S., Sayres, L. C., McCurdy, M. L., Sainani, K. L., Fredericson, M.
2013; 45 (10): 1843-1851
 - **Multivariate Regression: The Pitfalls of Automated Variable Selection** *PM&R*
Sainani, K. L.
2013; 5 (9): 791-794
 - **Interpreting "Null" Results** *PM&R*
Sainani, K.
2013; 5 (6): 520-523
 - **Avoiding Careless Errors: Know Your Data** *PM&R*
Sainani, K. L.
2013; 5 (3): 228-229
 - **Dealing With Non-normal Data** *PM&R*
Sainani, K. L.
2012; 4 (12): 1001-1005
 - **Propensity Scores: Uses and Limitations** *PM&R*
Sainani, K. L.
2012; 4 (9): 693-697
 - **Obesity and the relationship between pre-hypertension and chronic kidney disease: can we really isolate the effect of pre-hypertension?** *KIDNEY INTERNATIONAL*
Anand, S., Arce, C. M., Sainani, K. L.
2012; 82 (4): 489-489
 - **How statistics can mislead.** *American journal of public health*
Sainani, K. L.
2012; 102 (8): e3-4
 - **Clinical Versus Statistical Significance** *PM&R*
Sainani, K. L.
2012; 4 (6): 442-445
 - **Communicating Risks Clearly: Absolute Risk and Number Needed to Treat** *PM&R*
Sainani, K. L.
2012; 4 (3): 220-222
 - **Sun protective behaviors and vitamin D levels in the US population: NHANES 2003-2006** *CANCER CAUSES & CONTROL*
Linos, E., Keiser, E., Kanzler, M., Sainani, K. L., Lee, W., Vittinghoff, E., Chren, M., Tang, J. Y.
2012; 23 (1): 133-140
 - **Reliability and prevalence of digital image skin types in the United States: Results from National Health and Nutrition Examination Survey 2003-2004** *JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY*
Keiser, E., Linos, E., Kanzler, M., Lee, W., Sainani, K. L., Tang, J. Y.
2012; 66 (1): 163-165
 - **A Closer Look at Confidence Intervals** *PM&R*
Sainani, K. L.
2011; 3 (12): 1134-1141

- **The Limitations of Statistical Adjustment** *PM&R*
Sainani, K.
2011; 3 (9): 868-872
- **Understanding Study Design** *PM&R*
Sainani, K. L., Popat, R. A.
2011; 3 (6): 573-577
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