Using Models to Estimate Hog Production: A Workshop

Committee

Eric V. Slud

Chair

Is professor in the statistics program of the Department of Mathematics at the University of Maryland, College Park, and area chief for mathematical statistics in the Center for Statistical Research and Methodology at the U.S Census Bureau. His areas of expertise, include: small area estimation via the Fay Herriot model (especially the Census Bureau's Small Area Income and Poverty Estimates (SAIPE model); demographic modeling of nonresponse to national surveys with particular application to weighting adjustment and small area estimation; and large scale data problems. Professor Slud has served on NASEM planning committees that have planned workshops in the past. He has an A.B. degree in mathematics from Harvard University, and a Ph.D. in mathematics from the Massachusetts Institute of Technology.

Katherine Bennett Ensor

Member

Is Noah G. Harding professor of statistics in the George R. Brown School of Engineering at Rice University where she also serves as director of the Center for Computational Finance and Economic Systems (CoFES). Currently, professor Ensor also oversees the development of the Kinder Institute Urban Data Platform, a resource for the greater Houston area. She is an expert in many areas of modern statistics, and develops innovative statistical techniques to answer important questions in science, engineering, and business with a focus on the environment, energy, and finance. Her research interests, include: methods for dependent data including time series/spatial and spatial-temporal; unique applications of Bayesian hierarchical modeling and approximate Bayesian computation; and stochastic process modeling and information integration. Professor Ensor is a fellow of the American Statistical Association, American Association for the Advancement of Science, and has been recognized for her leadership, scholarship, and mentoring. She serves as vice president of the American Statistical Association and as a member of the National Academies Committee on Applied and Theoretical Statistics. She has B.S.E. and M.S. degrees in mathematics from Arkansas State University, and a Ph.D. in statistics from Texas A&M University.

Ronald L. Plain

Member

Is professor emeritus in the Department of Agricultural and Applied Economics at the University of Missouri-Columbia. Prior to retiring, he served as D. Howard Doane professor and extension economist. His areas of expertise include livestock marketing, farm business management, and swine production. Professor Plain is a frequent contributor to the National Hog Farmer magazine and has received their Master of the Pork Industry Award. He has made over 2,100 presentations to farm audiences across the country and has authored over 500 published materials. He has served as president of the extension section of the American Agricultural Economics Association, and has had agricultural experience in 16 foreign countries. Professor Plain has been honored by receiving 19 awards of excellence including the Governor's Award for Quality and Productivity, and being named 5 times as the outstanding State Extension Specialist by the College of Agriculture, the Missouri Association of County Agricultural Agents, Gamma Sigma Delta and Epsilon Sigma Phi honorary societies, and by the University of Missouri Extension. He served as first director of the Agricultural Leaders of Tomorrow Program in Missouri and was selected as agricultural leader of the Year in 1999. Professor Plain has B.S. and M.A. degrees in agricultural education from the University of Missouri, and a Ph.D. in agricultural economics from Oklahoma State University.

Lee L. Schulz

Member

Is associate professor in the Department of Economics at Iowa State University and serves as the statewide specialist on livestock economics and markets. His integrated extension, research, and teaching program provides leadership in the study of, and educational programming for, critical problems facing the livestock and meat industry, including marketing and risk management, agricultural and trade policies, animal health and biosecurity, and production, management, and regulatory issues. Professor Schulz regularly collaborates with Farm Management Extension, the Iowa Beef Center and Iowa Pork Industry Center, the Center for Agricultural and Rural Development, and industry stakeholders. He has published in professional journals, extension publications, and the popular press and has spoken at numerous professional and agricultural conferences. He has been recognized by the Agricultural & Applied Economics Association and by Iowa State University for early achievement in extension and outreach programming. Professor Schulz has received premier forecaster awards from the Agricultural & Applied Economics Association Extension Section for crop prices and livestock production and prices. He has a B.S. degree in agricultural business from the University of Wisconsin-River Falls, an M.S. degree in agricultural economics from Michigan State University, and a Ph.D. in economics from Kansas State University.

Christopher K. Wikle

Member

Is Curators’ distinguished professor and department chair in the statistics department at the University of Missouri. He also serves as professor in the Truman School of Public Affairs at the University of Missouri. His research interests include spatio-temporal models, dynamical models, Bayesian hierarchical methods, and environmental and ecological statistics. Professor Wikle currently serves as fellow of the American Statistical Association and in 2018 was elected fellow of the International Statistical Institute. He also serves in an editorial capacity for numerous journals including Science, Journal of Time Series Analysis, and Statistica Sinica. He has authored and/or coauthored numerous articles on topics including Bayesian models and spatio-temporal statistical models. Professor Wikle has B.S. and M.S. degrees in atmospheric science from the University of Kansas, an M.S. degree in statistics from Iowa State University, and a Ph.D. in statistics/meteorology from Iowa State University.