

Dr. Evrim Oral
Associate Professor - Biostatistics

Education

Doctor of Philosophy in Statistics: Hacettepe University, 2002

Master of Science in Statistics: Hacettepe University, 1998

Bachelor of Science in Statistics: Hacettepe University, 1995

(Summa cum laude; ranked 2nd among statistics department graduates)



Dr. Oral is currently a co-investigator on several National Institutes of Health-funded projects such as the Quality of Life in Prostate Cancer Project (QPCaP) and the Women and Their Children's Health (WaTCH) study. She also provides statistical consulting services to Louisiana State University's nursing school, ENT and emergency departments. Her current methodology research specifically focuses on proposing robust estimators in generalized linear models and in survey sampling. She also develops novel estimators which utilize randomized response techniques in surveying sensitive topics. She does methodological research on the effects of unit nonresponse and attrition in health-related studies as well.

Dr. Oral completed her PhD at Hacettepe University, Department of Statistics, and her post-doctoral fellowships at the University of Washington, in the Departments of Biostatistics and Epidemiology from 2004 to 2006. During that period, she was also affiliated with both Fred Hutchinson Cancer Research Center and Group Health Research Institute (now Kaiser Permanente Washington Research Institute) in Seattle. She joined Louisiana State University, School of Public Health in 2008.

She served as an officer of the American Statistical Association - Louisiana Chapter since 2012 and currently is the President of the Chapter. She is also currently serving as an associate editor for the Scandinavian Journal of Statistics.

Research Interests

Statistical inference - Robust statistical inference, Generalized linear models,
Statistical inference with censored, skewed or heavy tailed distributions

Survey Sampling - Robust ratio estimators, Randomized response techniques, Unit nonresponse, Attrition, Propensity score weighting, Ranked Set Sampling