Course and degree: Course and degree

Year	Student's name	title	Supervisors
2019	Roya Nikbakht	Determination of epidemic threshold parameters in communicable disease with compartmental model by applying branching process and Bayesian methods and compare them with existing epidemic threshold parameters	Dr Abbas Bahrampour Dr Mohammad Reza Baneshi
2019	Abolfazl Hossein Nataj	Bayesian Lasso Logistic Regression with prior distribution for tuning parameter in high dimensional data	Dr Mohammad Reza Baneshi Dr Abbas Bahrampour
2020	Ali Karamoozian	Bayesian mixture cure rate models induced by hyper poisson frailty distribution in survival analysis based on the generalized modified weibull distribution with an application to gastric cancer and simulation data	Dr Abbas Bahrampour Dr Mohammad Reza Baneshi
2020	Shideh Rafati	Applying the Random Survival Forest Model in low-dimensional data with few events and compare it with Cox Regression analysis under Penalized Regression methods, and Bayesian Parametric Cure Model	Dr Abbas Bahrampour Dr Mohammad Reza Baneshi
2021	Navisa Sadat Seyed Ghasemi	Applying Lasso and adaptive Lasso in Joint modeling of longitudinal measurement and time to event data based on conditional joint likelihood on shared-parameter in the estimating of Excess mortality in Hemodialysis patients	Dr Mohammad Reza Baneshi Dr Abbas Bahrampour Dr Abbas Etminan Dr AliAkbar Haghdoost
2021	Sara Javadi	Comparison of performance of recursive partitioning models and parametric imputation models based on predictive mean matching in multiple imputation by chained equations, in order to impute the missing values of the outcome at missing at random mechanism, in the presence of an interaction effect	Dr Mohammad Reza Baneshi Dr Abbas Bahrampour

2022	Marzieh Mahmudimanesh	Forecasting of time series regression by deep learning	Dr Abbas Bahrampour Dr Moghaddameh Mirzaee
2022	Zeynab-Al-Sadat Avazzadeh	Statistical methods for determination of variability of skin diseases by testing the ratio of the coefficients of variation of the two independent non-normal variables.	Dr Abbas Bahrampour Dr Mohammad Reza Mahmoudi
2022	Mehran Nakhaeizadeh	Uncertainty analysis SEISINQR dynamical system using fuzzy system and probabilistic method	Dr Yunes Jahani Dr Mohammad Reza Baneshi Dr hamid sharifi
2023	Zahra Zamaninasab	Cluster-wise Survival Regression Modeling	Dr Moghaddameh Mirzaei Dr Abbas Bahrampour