|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Clarity  1-5,  5  clearest | Usefulness  1-5,  5 most useful | Date | Presenter | Title | Abstract | Slide | |
|  |  | 1/27/20 | Lynn Kuo | Orientation & Notes on Writing |  | [Writing](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Writing_Kuo.pdf),  [How to](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Kuo_How.pdf) |
|  |  | 2/3/20 | Aritra Halder (Ph.D)  Songlu Li | 1. **Spatial risk estimation in Tweedie compound Poisson double generalized linear models** 2. **Detecting Factors affecting Lung Adenocarcinoma's Progression-Free Survival Time** | [Halder\_Li\_abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Halder_Li_abstract.docx) | [Halder\_slides.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Halder_slides.pdf)  [Songlu\_Li\_Present.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Songlu_Li_present.pdf) |
|  |  | 2/10/20 | Joochul Lee (Ph.D.)  Zhe Sun (Ph.D.) | 1. **Fast Optimal subsampling Probability Approximation for Generalized Linear Models** 2. **Log-Contrast Regression with Functional Compositional Predictors: Linking Preterm Infant's Gut Microbiome Trajectories to Neurobehavioral Outcome** | [Lee\_Sun\_abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Lee_Sun_abstract.docx) | [JoochulLee.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/JoochulLee.pdf)  [ZheSun.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/ZheSun.pdf) |
|  |  | 2/17/20 | Yuanyuan Wang, Ruonan He  Zhehao Cao, Kelin Zhong | 1. **Production of highly efficient activated carbons from industrial wastes for the removal of pharmaceuticals from water—A full factorial design** 2. Factorial Design | [HeWang\_CaoZhong\_abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/HeWang_CaoZhong_abstract.docx) | [Ruonan\_he Yuanyuan\_Wang.pptx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Ruonan_he%20Yuanyuan_Wang.pptx)  [FA-final ver.pptx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/FA-final%20ver.pptx)  [EFA.csv](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/EFA.csv)  [Final project code.txt](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Final%20project%20code.txt) |
|  |  | 2/24/20 | Austin Menger (Ph.D.)  Yujie Lei  4:40-5:10pm  Ziqi Yang (Ph.D.) 5:10pm-6 pm | 1. **Fitting a Flexible Model for Longitudinal Count Data** 2. **Prediction of Customer Churn** 3. **Simple Network Clustering Methods** | [Menger\_Lei\_Yang\_astract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Menger_Lei_Yang_abstract.docx) | [Menger\_2\_24\_20.pptx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Menger_2_24_20.pptx)  [Yujie\_Lei\_PPT.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Yujie_Lei_PPT.pdf)  NA |
|  |  | 3/2/20 | Yunyi Wang, Hong Zhu  Jui-Chang Ting, Xiaoqi Yue | 1. The Introduction of Variable Selection using Random Forest 2. A Data Mining Tool for Forest Fire Prediction | [WangZhu\_TingYue\_abstract. docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/WangZhu_TingYue_abstract.docx) | [Hong Zhu\_Yunyi Wang.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Hong%20Zhu_Yunyi%20Wang.pdf)  [Ting\_Yue\_V2.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Ting_Yue_V2.pdf) |
|  |  | 3/9/20 | Kun Huang, Yiwei Ma  Feng Wang, Yunqi Wang | 1. **Rejoinder to Open Challenges on Correlation of Intermediate and Final Measurements** 2. **Association of Coffee Drinking with Total and Cause-Specific Mortality** | [HuangMa\_WangWang\_abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/HuangMa_WangWang_abstract.docx) | [Kun Huang Yiwei Ma.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Kun%20Huang%20Yiwei%20Ma.pdf)  [Yunqi\_Wang.pptx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Yunqi_Wang.pptx) |
|  |  | 3/16/20 | Spring Break |  |  |  |
|  |  | 3/23/20 | Katherine Zavez (Ph.D.)  Xinyi Tang \* | 1. **Imputing race and ethnic information in health claims databases** 2. **Reducing bioassay variability by identifying sources of variation and controlling key parameters in assay protocol** | [Zavez\_Tang\_abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Zavez_Tang_abstract.docx) | NA  [Xinyi\_Tang.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Xinyi_Tang.pdf)  [Tang5099.sas](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Tang5099.sas)  [SASOutput\_htm#](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/SASOutput_htm" \l "IDX37.mht)  [IDX37.mht](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/SASOutput_htm" \l "IDX37.mht) |
|  |  | 3/30/20 | Yufan Shu, Aolan Li  Ruinan Wang, Bo Wu | 1. **Survival analysis of TCGA breast cancer data** 2. **Logistic Regression Models on Breast Cancer Patients in Nigeria-Statistical Analysis** | [Li\_Shu\_Wang\_Wu\_abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Li_Shu_Wang_Wu_abstract.docx) | [Yufan\_Shu&AolanLi.pptx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Yufan_Shu&Aolan_Li.pptx)  [RuinanWang-BoWu.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/RuinanWang_BoWu.pdf) |
|  |  | 4/6/20 | John Rothen, Ian Weykamp  Jingxian Fang, Shengyang Ni | 1. **Multifactorial Analysis of Factors Influencing Elite Australian Football Match Outcomes: A Machine Learning Approach** 2. **Introduction to Recommender Systems and Their Applications** | [Weykamp\_Rothen\_Feng\_Ni\_Abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Weykamp_Rothen_Fang_Ni_Abstract.docx) | [JohnRothen\_IanWeykamp.pptx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/JohnRothen_IanWeykamp.pptx)  [Ni\_Fang\_Recommender\_System.pptx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Ni_Fang_Recommender_System.pptx) |
|  |  | 4/13/20 | Ye Tong, Yufei Xiao  Ziyue Li, Lanyu Zhang | 1. **Introduction of Cluster Analysis with the comparison and the selection of different clustering algorithms** 2. **Air Pollution (PM2.5) Data Analysis with Nonparametric Methods** | [Tong\_Xiao\_Li\_Zhang\_Abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Tong_Xiao_Li_Zhang_Abstract.docx) | [YeTong\_YufeiXiao Cluster Analysis.pptx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/YeTong_YufeiXiao%20Cluster%20Analysis.pptx)  [Zhang\_Lanyu\_Li\_Ziyue.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Zhang_Lanyu_Li_Ziyue.pdf) |
|  |  | 4/20/20 | Michael Boyles \*  Shawn Priore, Jono Brody-Felber | 1. **Survival Analysis of NCCTG Lung Cancer Data** 2. **Introduction to Penalized Regression with Applications** | [Boyles\_Brody-FeiberPoiore\_abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Boyles_Brody-FeiberPoiore_abstract.docx) | ?  [JonoBrody-Felber\_ShawnPriore\_Penalized\_Regression.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/JonoBrody-Felber_ShawnPriore_Penalized_Regression.pdf) |
|  |  | 4/27/20 | Zehan Yang, Jinyi Chen  Shujun Ma, Chang Zhou | 1. **The Introduction of Optimal Subsampling for Large Sample Logistic Regression** 2. **Why is it difficult to accurately predict the COVID-19 epidemic**? | [Yang\_Chen\_Ma\_Zhou\_abstract.docx](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/Yang%1fChen_Ma_Zhou_abstract.docx) | ?  [ShujunMa&ChangZhou.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/ShujunMa&ChangZhou.pdf) |