|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Clarity1-5,5 clearest  | Usefulness1-5, 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 HeZhehao 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 4:40-5:10pmZiqi 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 ZhuJui-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 MaFeng 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%22%20%5Cl%20%22IDX37.mht)[IDX37.mht](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/SASOutput_htm%22%20%5Cl%20%22IDX37.mht) |
|  |  | 3/30/20 | Yufan Shu, Aolan LiRuinan 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%26Aolan_Li.pptx)[RuinanWang-BoWu.pdf](http://merlot.stat.uconn.edu/~lynn/3494_5099_web/2020s/RuinanWang_BoWu.pdf) |
|  |  | 4/6/20 | John Rothen, Ian WeykampJingxian 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 XiaoZiyue 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 ChenShujun 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%26ChangZhou.pdf) |