2025 Conference on Applied Statistics in Agriculture and Natural Resources | Poster Directory
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1	Nicolas	Caram	Universidad de la República	Paysandu	Paysandu	Uruguay	Reporting and Analyzing Agricultural and Ecological Levels as Continuous Data: The Case of Grass-Legume Mixtures	
2	Kevin	Carrillo Montoya	University of Arkansas	Fayetteville	Arkansas	United States	Rice Monitoring Using Multispectral sUAS Imaging in Breeding Trials	
12	Susan	Durham	Utah State University	Logan	Utah	United States	Modeling Considerations and Challenges for Overdispersed Count Data in a Generalized Linear Mixed Model	
13	Conor	Fair	University of Georgia	Griffin	Georgia	United States	Zero-Inflated Models: Best Practices for Diagnostics and Model Fitting Across Software Platforms	
5	Wesley	France	University of Arkansas	Fayetteville	Arkansas	United States	Assessment of Crop Herbicide Injury With Image Segmentation, Probability Density Functions, and Machine Learning	
6	Alexandre	Heinemann	Embrapa Arroz e Feijão	Santo Antônio de Goiás	GO	Brazil	Envirotyping-Informed Mixed Models to Study the Climatic Drivers and Yield Seasonal Variation for Common Beans in Brazil	
7	Harpreet	Kaur	University of Idaho	Moscow	Idaho	United States	A Guide for Implementing Linear Mixed Models in R for Common Agricultural Experimental Designs	
8	Bärbel	Kroschewski	Humboldt-Universität zu Berlin	Berlin	Berlin	Germany	Aggregation of Yield Data from Thyrow Long-Term Experiments as a Basis for a Meta-Analysis using Winter Rye (Secale Cereale L.)	[PDF](#)
9	Josefina	Lacasa	Kansas State University	Manhattan	Kansas	United States	Handling Within-Block Heterogeneity Using Smoothing Splines	
10	Josefina	Lacasa	Kansas State University	Manhattan	Kansas	United States	Best Practices for GLMM Implementation: Setting the Stage	
11	Raúl	Macchiavelli	University of Puerto Rico	Mayaguez	Puerto Rico	United States	Analysis of Repeated Measures Revisited: Are Recommended Best Practices Applied Consistently Across and Within Software Platforms?	
3	Pablo	Paccioretti	University of Nebraska-Lincoln	Lincoln	Nebraska	United States	Developing paar: An R Package for Yield Data Filtering and Management Zone Delineation in Precision Agriculture	

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4	Aurelie	Poncet	University of Arkansas	Fayetteville	Arkansas	United States	Soybean Classification Using Time-Series Satellite Remote Sensing	
14	Simon	Riley	University of Florida	Washington	DC	United States	The Modifiable Areal Unit Problem and the Use of Frame Independent Analytical Methods in Studies of Crop Root System Distribution	
15	Shili	Wu	Texas A&M University	College Station	Texas	United States	Identifying Key Regulatory Genes in Sorghum Tillering Through Fused Graphical Lasso	PDF