

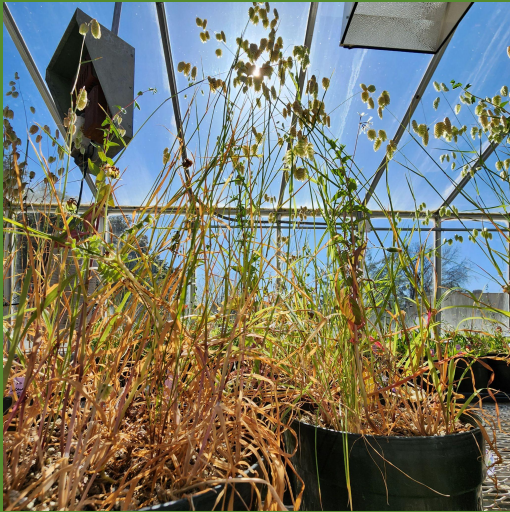


Root of the Problem:
Root Functional Traits to Determine
Grass Productivity

Karen Situ, Jennifer Funk, Justin
Luong



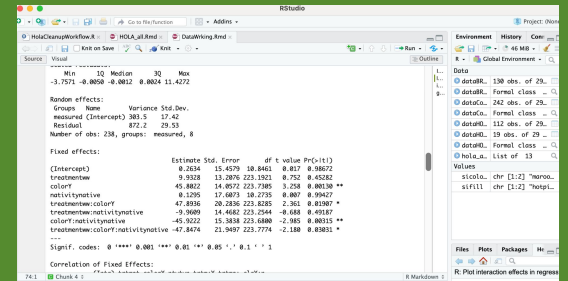
Methods



Greenhouse Experiment



Root Scan



Data Analysis

Results

Interaction between Competition and Treatment on Below Ground Biomass



Invasive Species: HOLA (*Holcus lanatus*)



Invasive Species: BRMA (*Briza maxima*)

Competition:

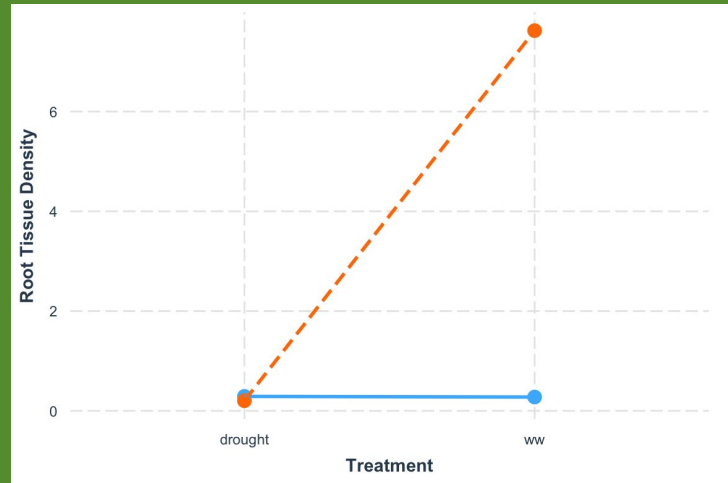
- High
- Low

Results

Interaction between Competition and Treatment on Root Tissue Density



Invasive Species: HOLA (*Holcus lanatus*)



Invasive Species: BRMA (*Briza maxima*)

Competition:

- High
- Low

Discussion



Roots!!!



Acknowledgements



Justin Luong

Assistant Professor in the Forestry,
Fire, and Rangeland Department at Cal
Poly Humboldt



USDA-NIFA



Jennifer Funk

Professor in the Department of Plant
Sciences at UC Davis