Southeastern Partnership for Integrated Biomass Supply Systems

Effects of Feedstock Variations in Thermochemical Conversion

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IBSS Mission and Goals

1

Breaking Barriers

Demonstrate real world solutions to barriers limiting deployment of advanced biofuels in the southeastern U.S.

2

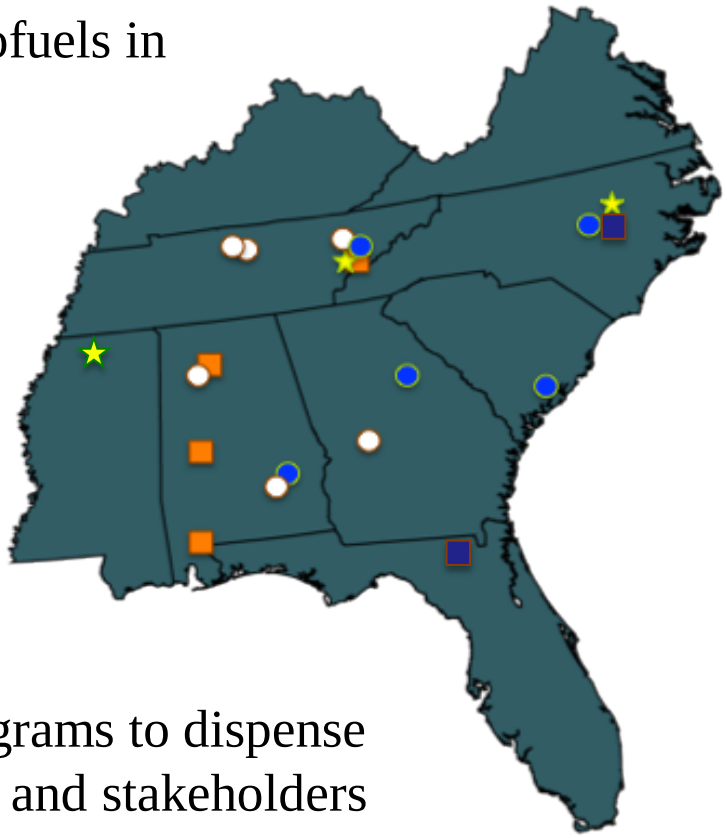
Advanced Metrics

Create, validate, and use new metrics for improved decision-making for regional biorefinery development

3

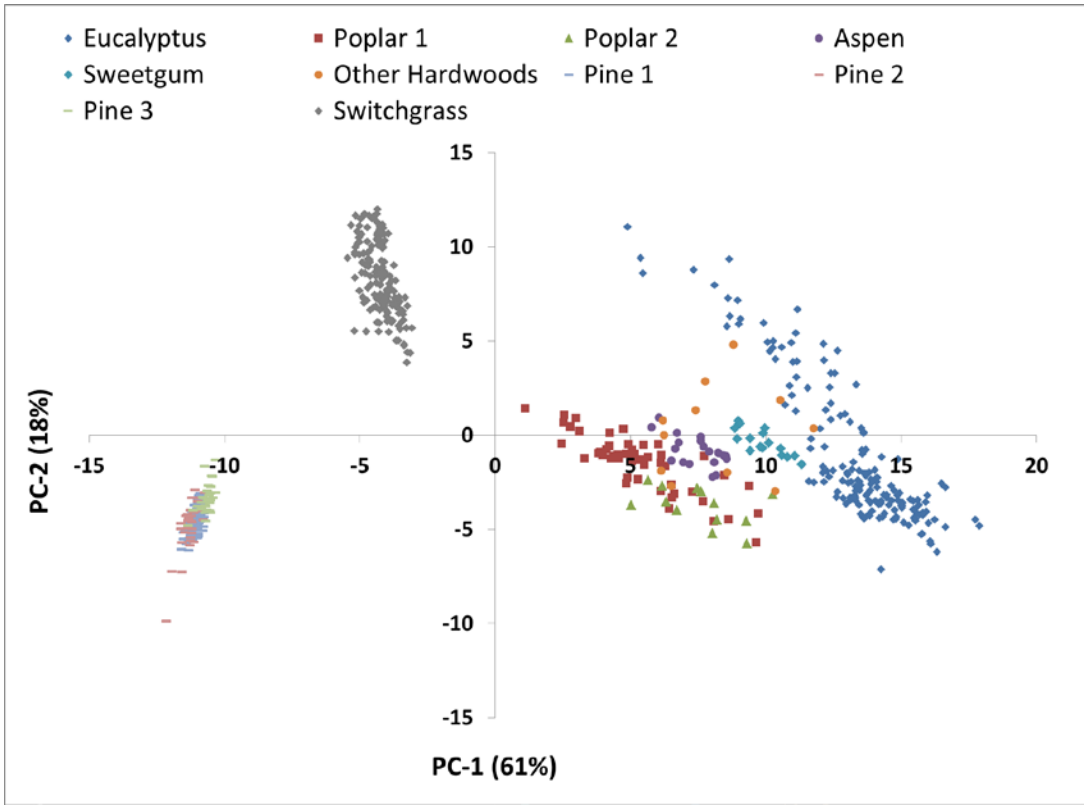
Education & Outreach

Provide credible and relevant programs to dispense new knowledge for the workforce and stakeholders



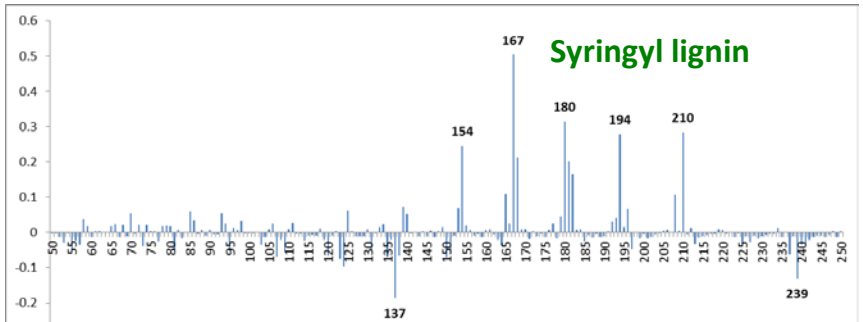
Effects of biomass source on total mass intensity

Scores plot

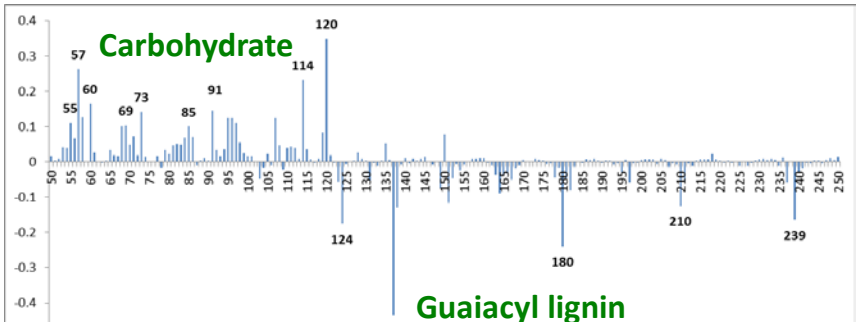


648 samples

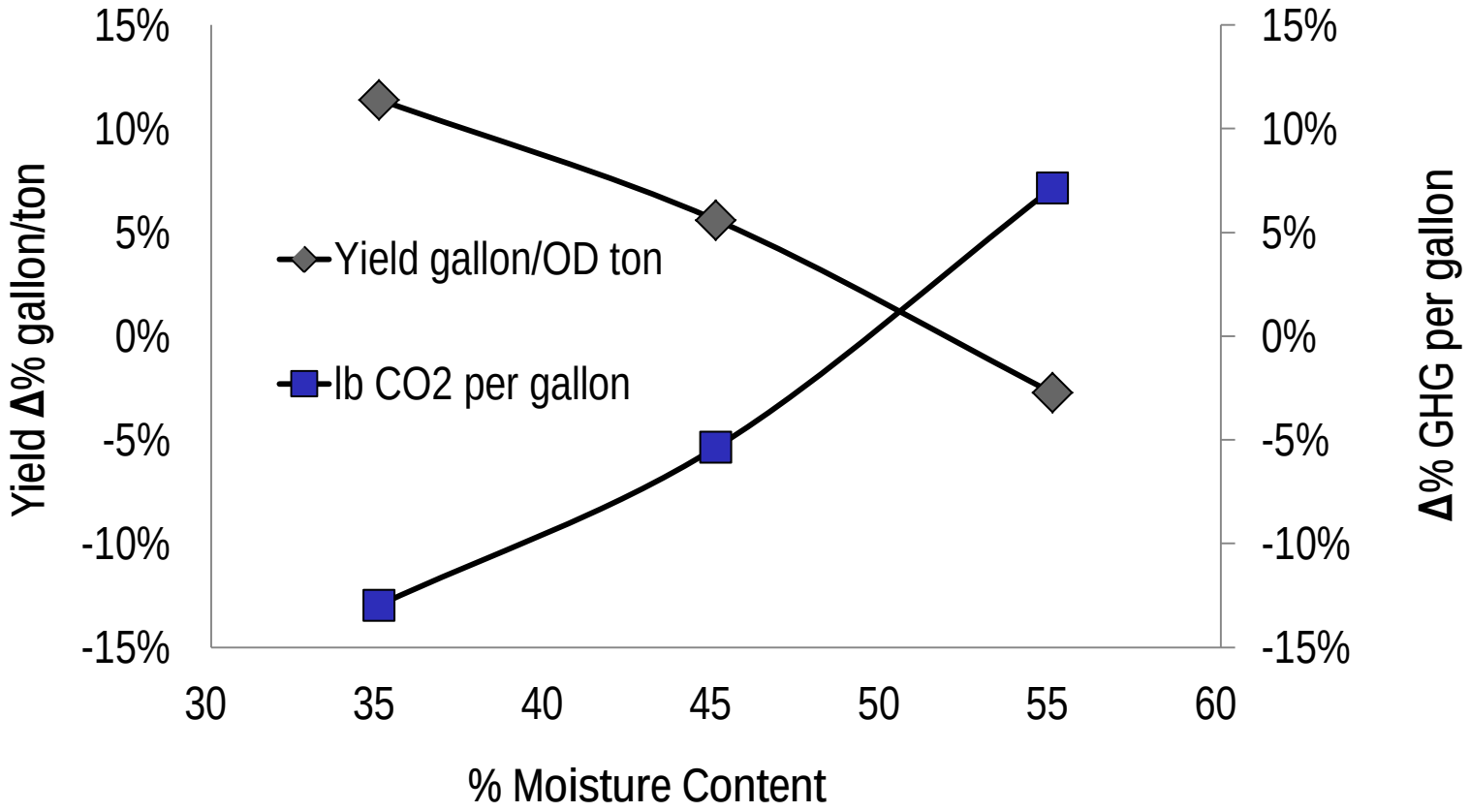
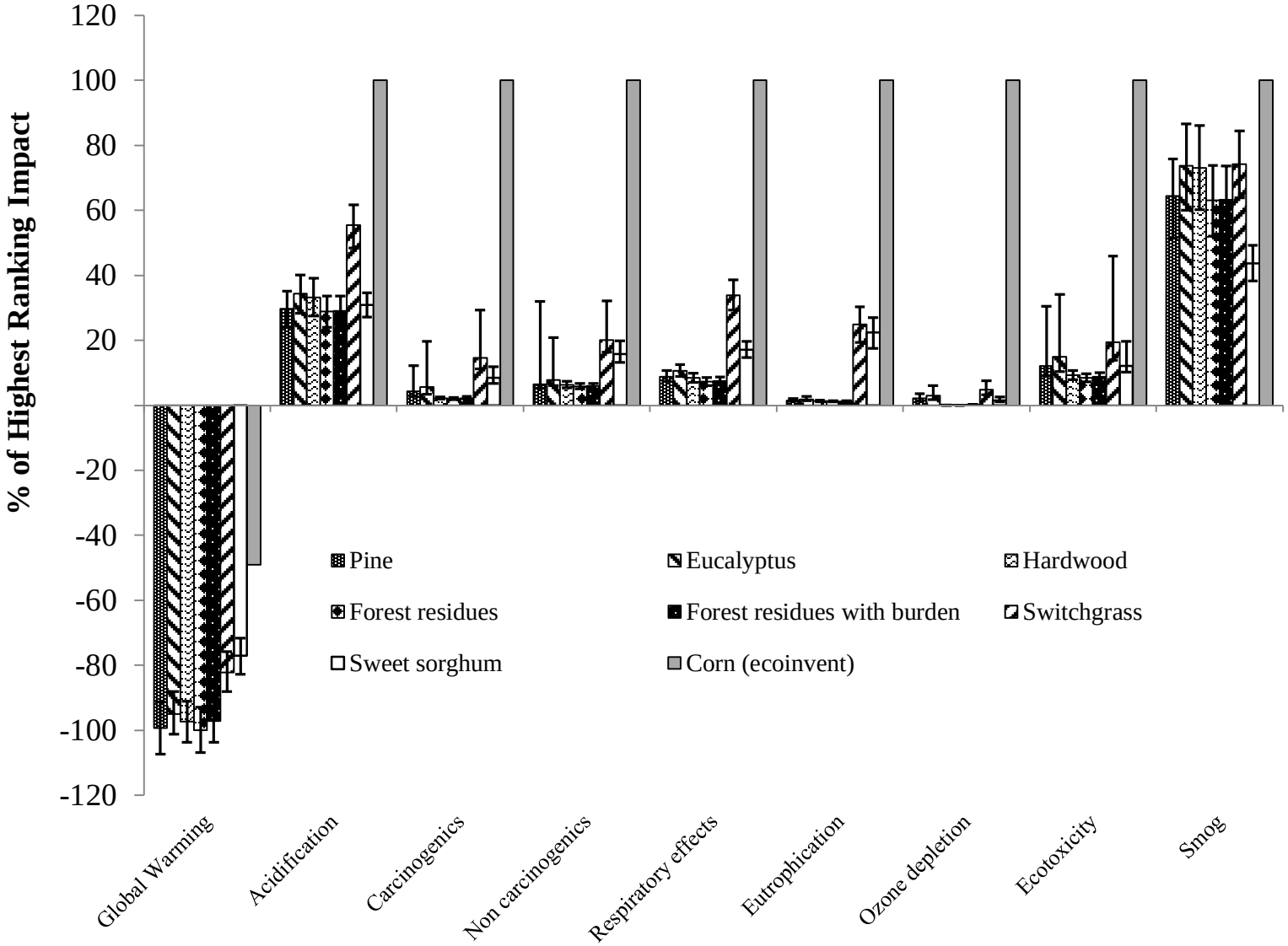
PC-1 Loadings



PC-2 Loadings



Process Modeling – Moisture content is a big deal for TC processes



TRACI impacts