

# Improved Genetic Parameter Estimations in Zoysiagrass by Implementing Post-Hoc Blocking

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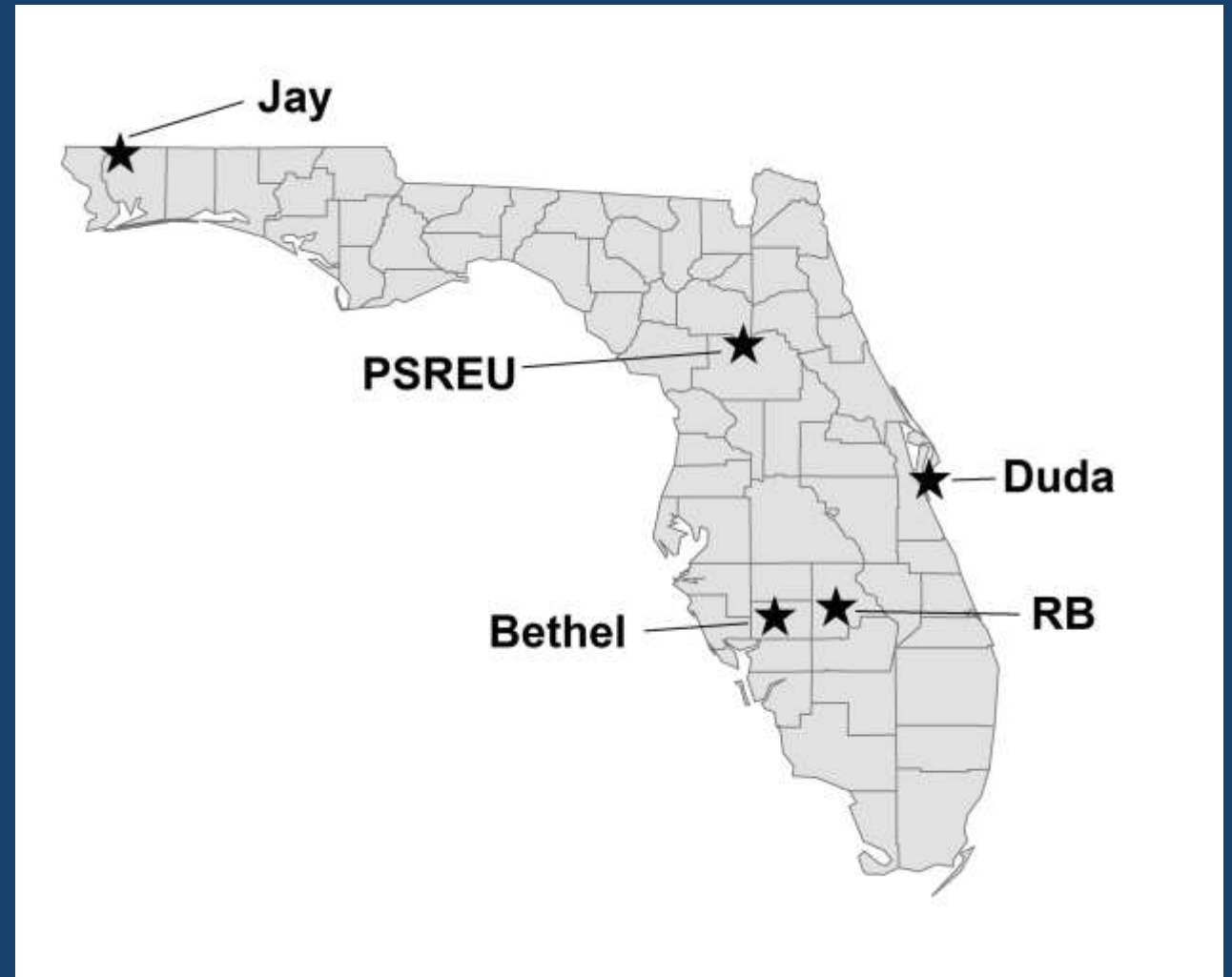
# Data

- Locations: 5

- RCBD

Blocks: 3

Genotypes: 80



# Post-Hoc Blocking



# Post-Hoc Blocking



# Results

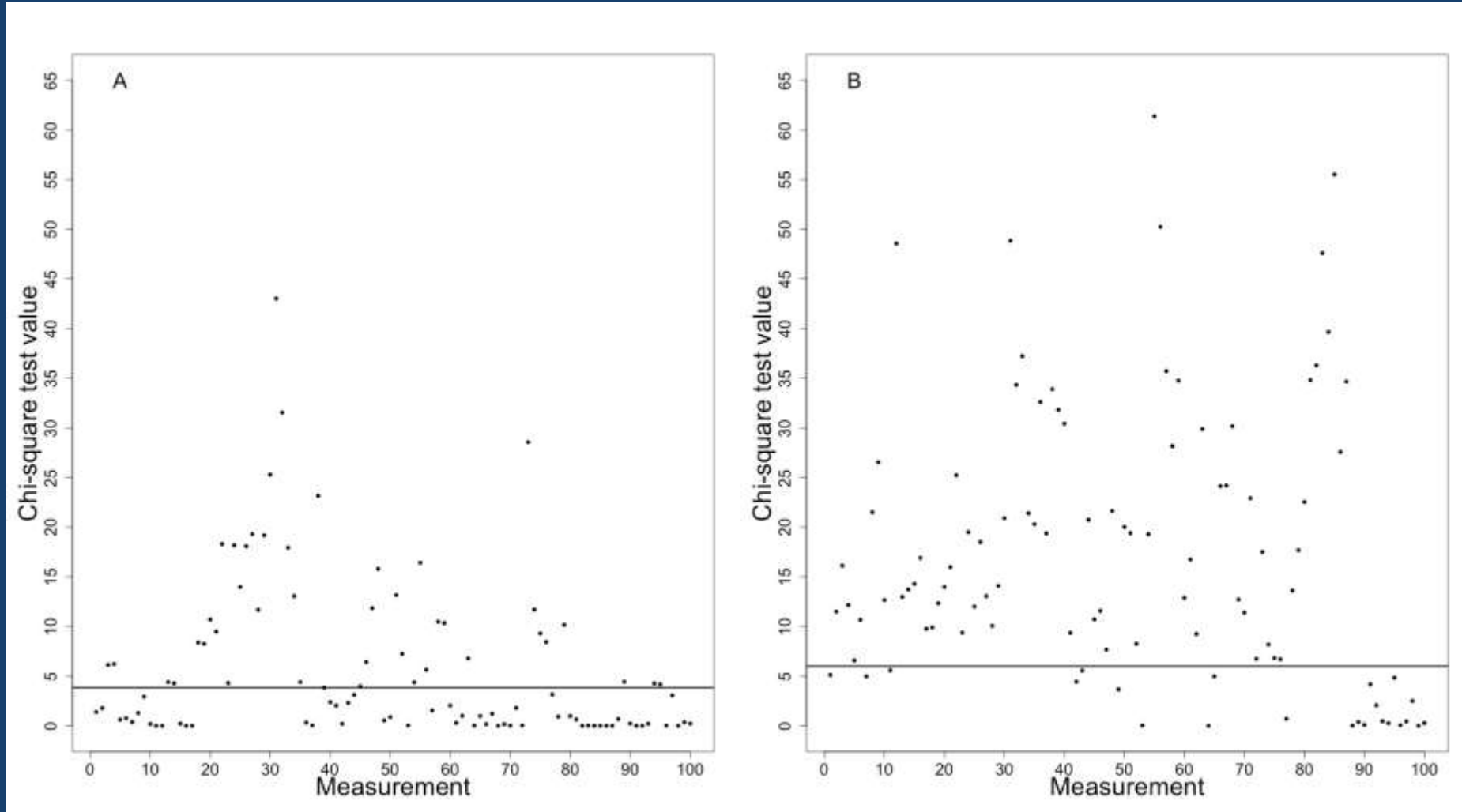


Figure 1. Determine model performance by log-likelihood ratio test.

# Results

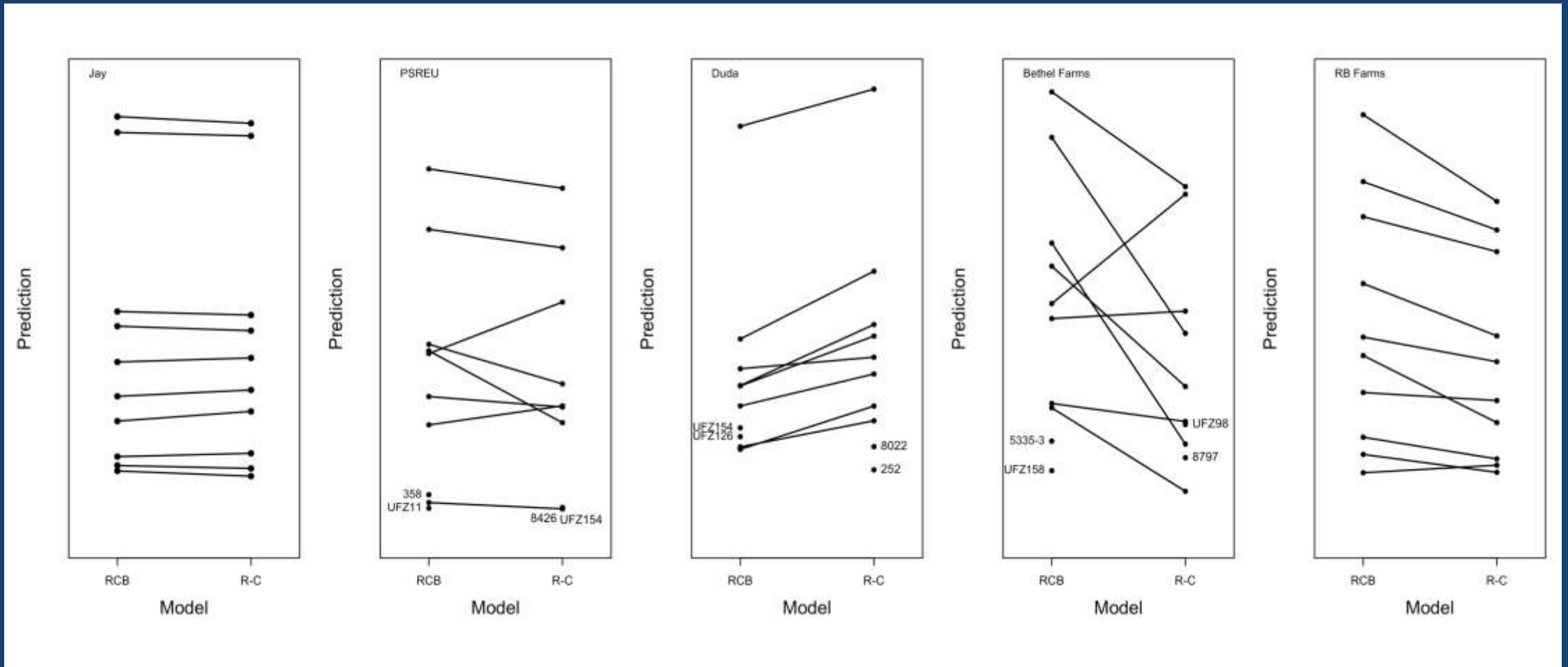


Figure 3. Alteration of genotype ranking by implementing post-hoc R-C design.

# Conclusion

- Post-hoc R-C design performs better than RCBD.
- No significant change to  $h^2$  and  $rB$ .
- Impacts on rankings of top performance genotypes.

Thank You for your time !