STUDENT SEMINAR

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Title

Solving the model representation problem with broom

Speaker

Alex Hayes

(First-year Ph.D. student in Statistics, UW-Madison)

Time & Place

Friday, Nov 30, 3pm, SMI **133**

Snacks @2:45pm, SMI **133**

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Abstract

The R objects used to represent model fits are notoriously inconsistent, making data analysis inconvenient and frustrating. The broom package resolves this issue by defining a consistent way to represent model fits. By summarizing essential information about fits in tidy tibbles, broom makes it easy to programmatically work with model objects. Combining broom with list-columns results in an especially powerful way to work with many model fits at once. This talk will feature several case studies demonstrating how broom resolves common problems in data analysis. I'll conclude with some thoughts on the future of broom and how broom might fit into an overall grammar of statistical modeling.