Where and why are temperature forecasts faulty?
Data Expo 2018
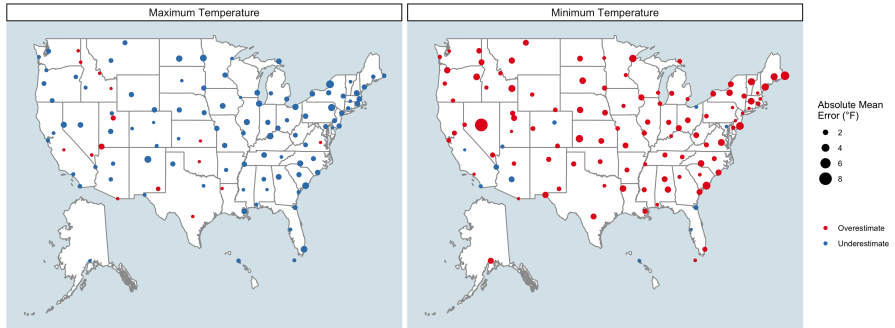
Matt Higham
Erin Howard

July 30, 2018
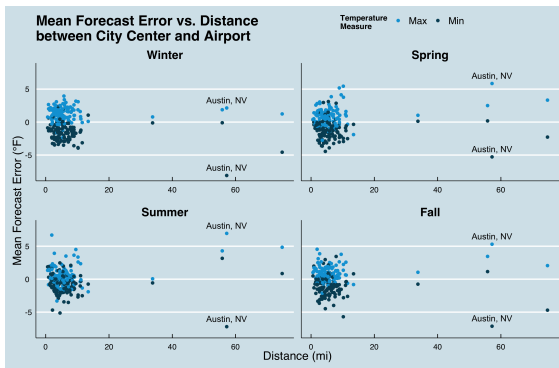
Oregon State
University

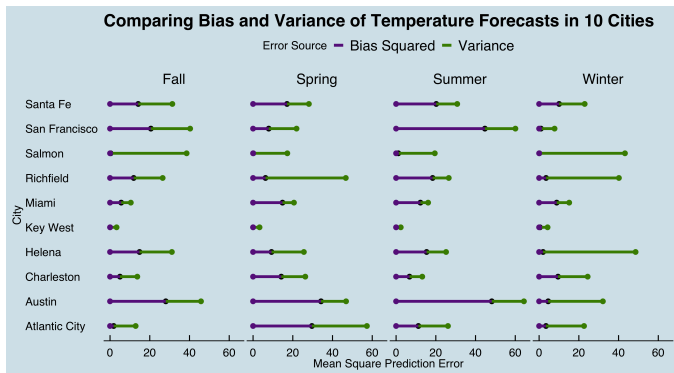# Do weather forecasts systematically bias temperature predictions?

Temperature Forecast Errors: Winter

Might the bias come from misalignment in the airport historical data and the city center forecasts?

Are cities' prediction errors large due to bias or variance? Does this depend on the city?

Comparing Bias and Variance of Temperature Forecasts in 10 Cities

Matt Higham, Erin Howard

Where and why are temperature forecasts faulty?

**Interested in seeing these patterns across different
seasons, cities, or metrics?**

Come check out our interactive tool!