Goals for today (wk 5)

- Presentation - class discussion
  - Tell us about data
  - Prediction/forecast goals
  - Models/analyses
- Hackathon
  - Review best practices
  - Begin simple models

Best practices

- Compare multiple models
- Use time-series data when possible
- Account for uncertainty
- Use sensible predictors
- Model unknowns as random effects
- Forecast and assess for different horizons
- Account for observation uncertainty
- Validate via hindcasts
- Publicly archive forecasts

Harris et al. 2018