

Data Dames

Paige Patrick, Dana Vera, Leigh Tanji, Yejin Hwang, Mathena Abramson

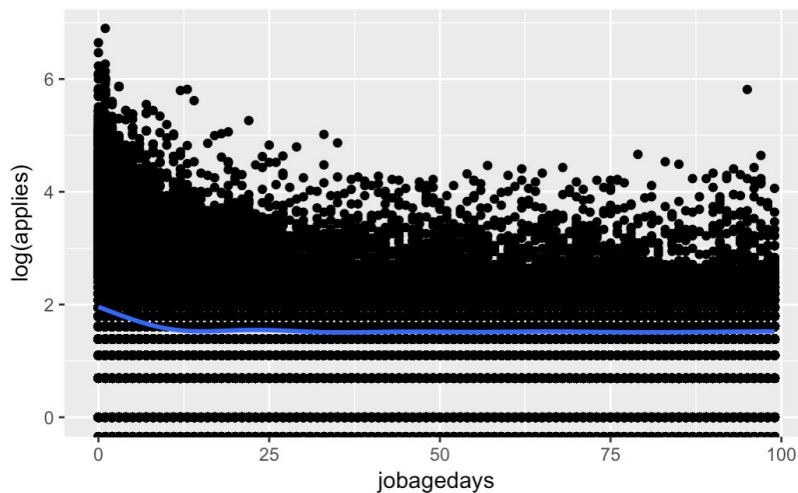
How to increase the number of applications for a specific job post?

To model or not to model?

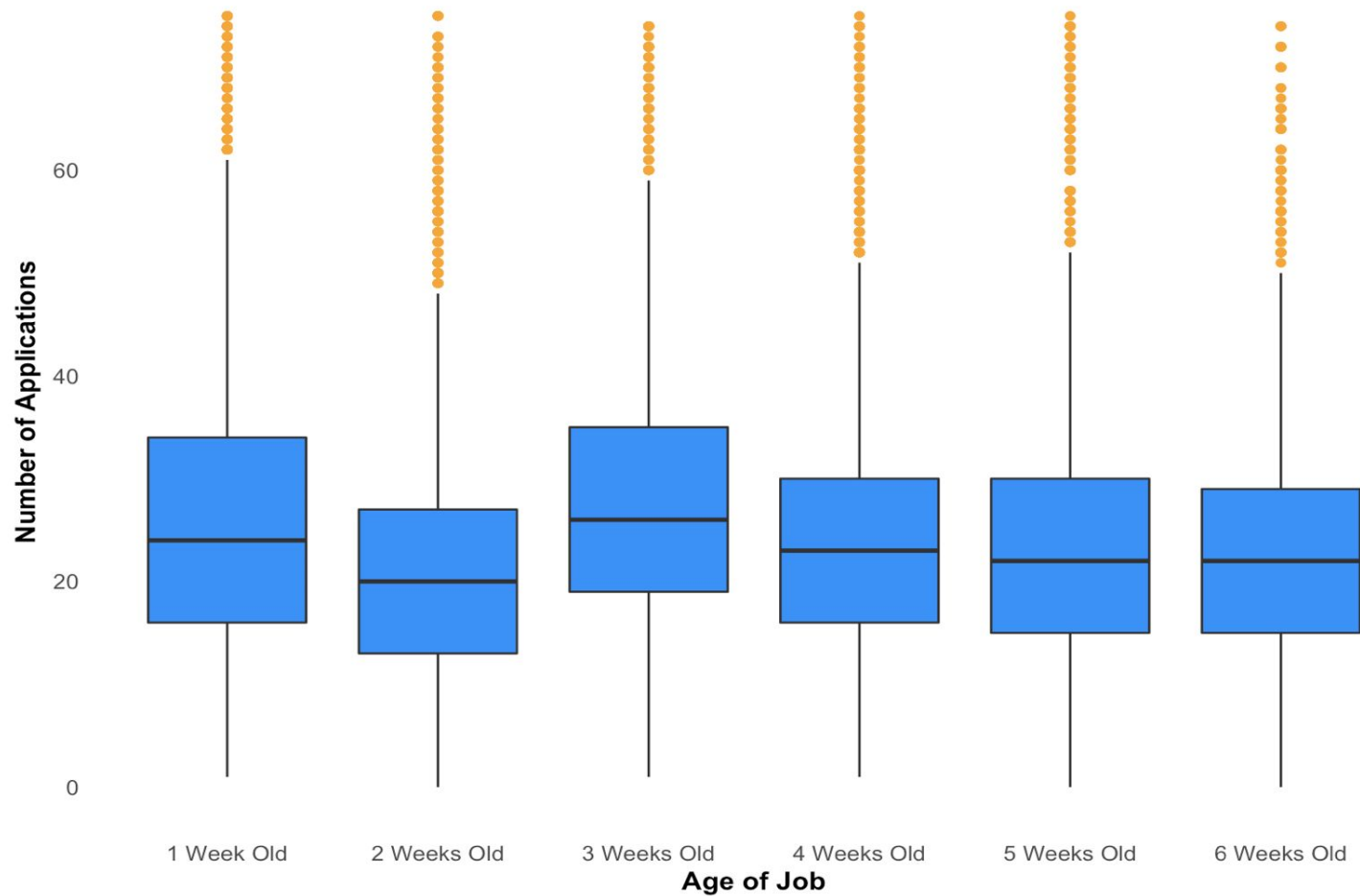
- > Simple Linear Regression
- > Multiple Linear Regression
- Transformations
- > Mixed Models

When does a job go stale?

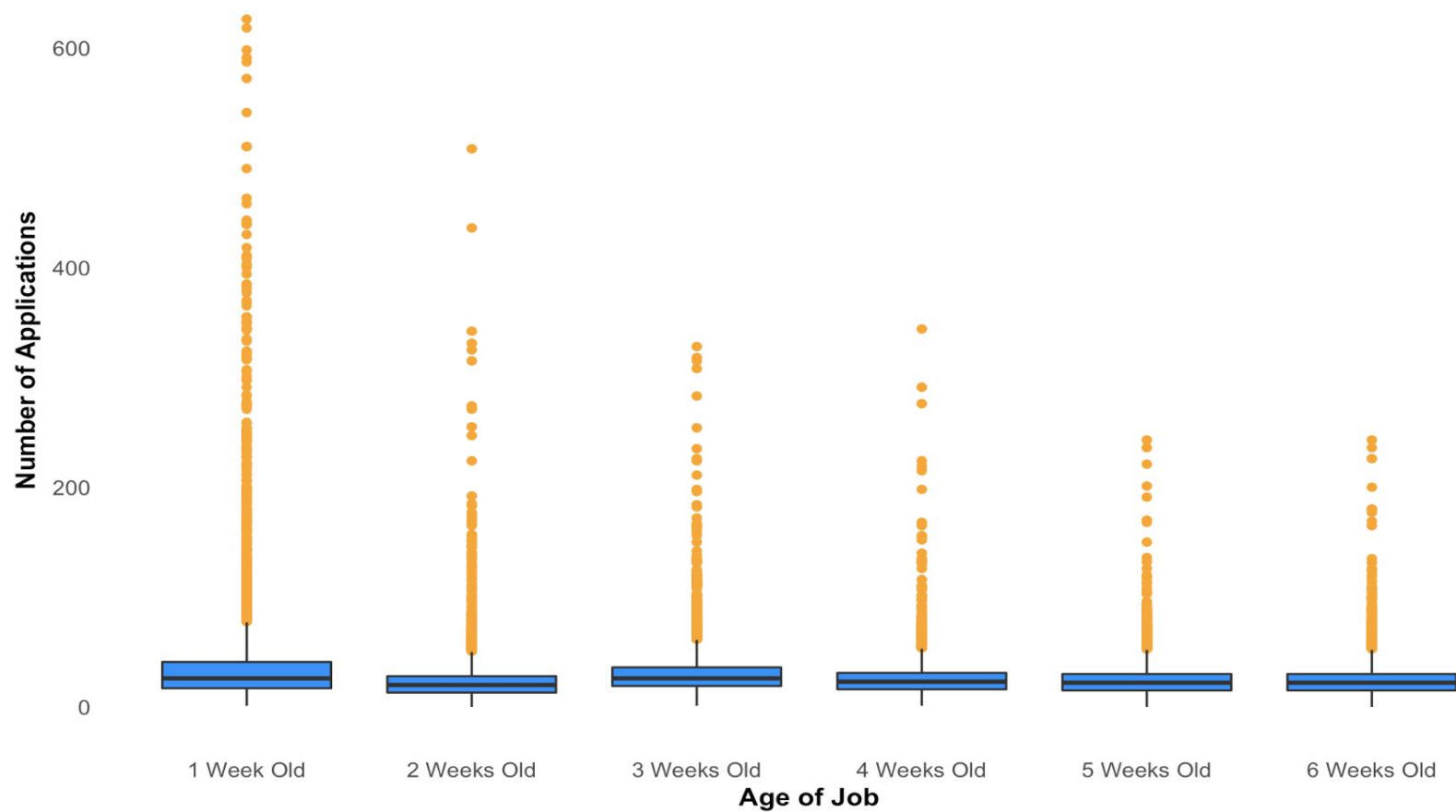
> Relationship between Number of Applications with Time



Number of Applications Per Week



Number of Applications Per Week



What's going on?

Confounding Variables

- > Profile companies
- > Sponsorship
- > New Users to Indeed

Outliers

- > Most likely sponsored jobs
- > Application rate is decreasing across weeks
- > Need more variables

The screenshot displays the Indeed job search interface. At the top, the search bar shows 'Recent Graduate' as the keyword and 'CT' as the location. The results are filtered to 'Recent Graduate jobs in Connecticut'. The main list of jobs includes 'Scout for Admissions' and 'CLINICAL NURSE'. The 'Sponsored' label for the first job is circled in red. The sidebar on the left shows 'Recommended Jobs' and 'My Recent Searches'. The right-hand panel contains an email subscription form with the text 'Be the first to see new Recent Graduate jobs in CT'.