

A linguistic analysis examining the impact of COVID-19 on pneumonia diagnosis and disease models

Alec Chapman, Kelly Peterson, Elizabeth Rutter, McKenna Nevers, Jian Ying, David Classen, Makoto Jones, Matthew Samore, Barbara Jones

Objective and Methods

- **Objective:** Examine trends in pneumonia documentation
- **Setting:** 314k pneumonia-positive hospitalizations in the US Department of Veterans Affairs from 1/2016 – 12/2021
- **Methods:** Segmented regression modeling proportion of hospitalizations with pneumonia-related terms

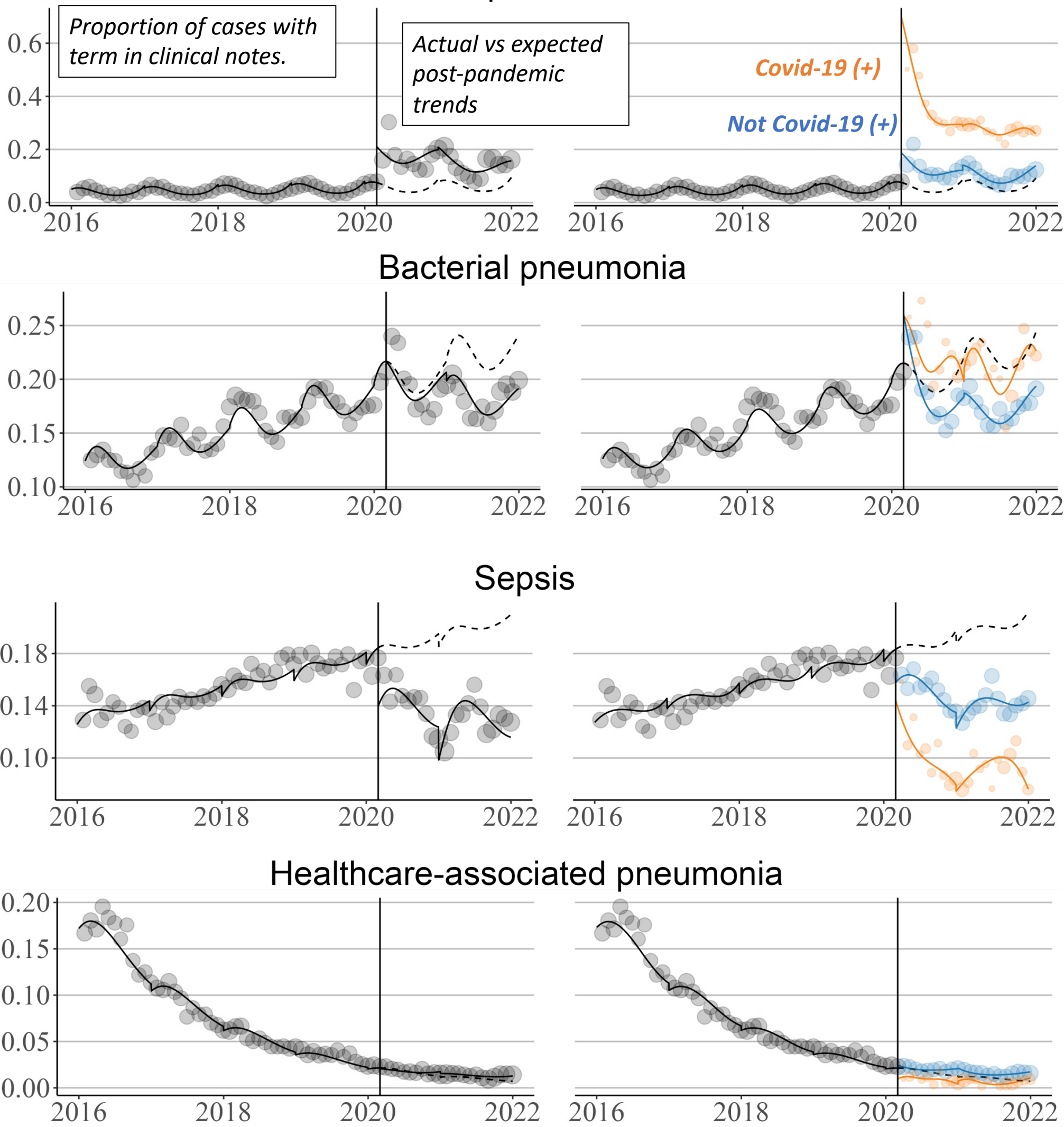


Scan for more

Results All cases

Viral pneumonia

Stratified by Covid-19 (+)



Conclusion

- Trends show an increased emphasis on pathogenic heterogeneity and decreased emphasis on sepsis and healthcare-associated pneumonia
- Future work will examine trends in treatment and outcomes

