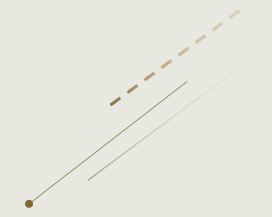


Last Shorter But Impact Stronger

- Data Science Works In The Last 20 Years



Chuanlu Chen chc303@pitt.edu





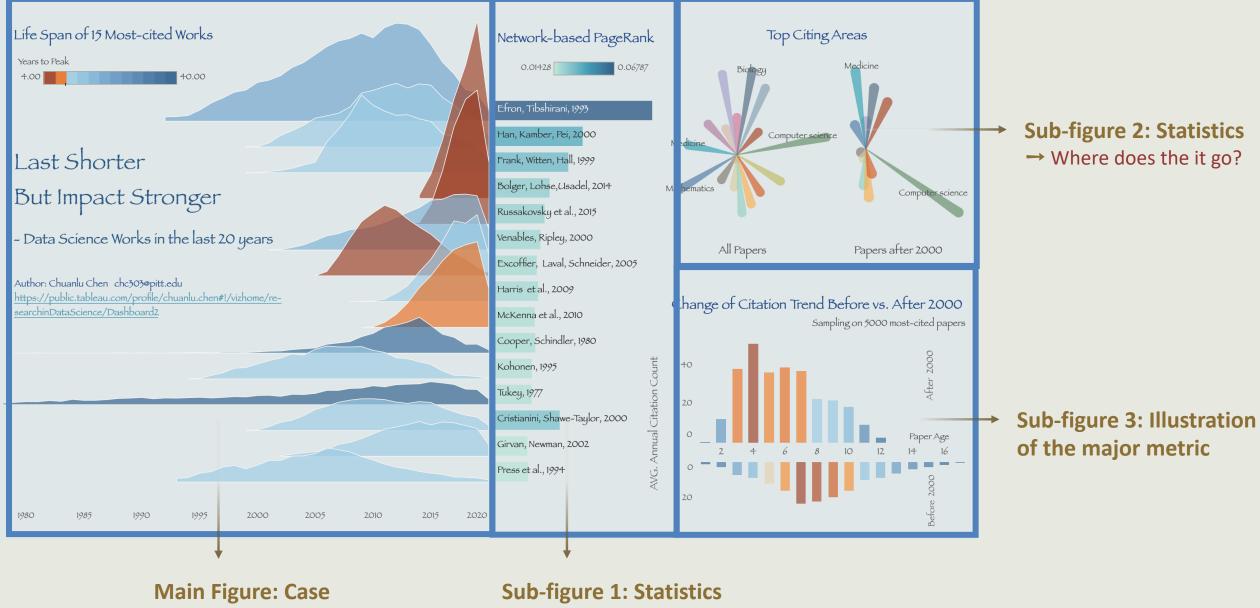
Research Question

- Look at research impact in details
 - How long does the impact last?
 - How about the quality of the impact?
 - Where does it go?
- Hidden patterns of the research impact
- Research Scope: Data Science







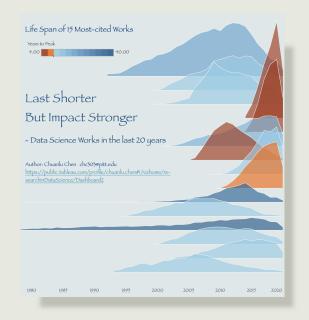


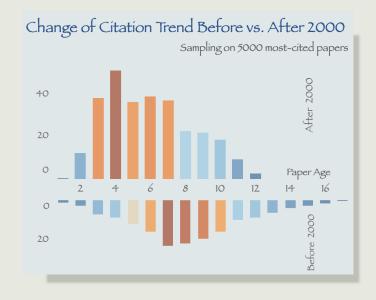
→ how long does it last?

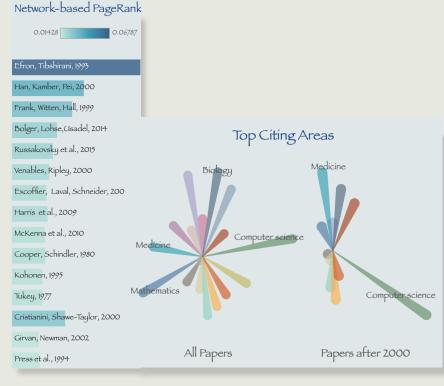
→ how deep the impact is?

Roles of Panels









Two distinct patterns of life span

- Long-lived, and gently growing
- Short-last, and fast-growing

On average, papers after 2000 have a shorter life span, stronger impact and reach a peak rapidly longer life span ≠ high-quality impact
Papers after 2000 contribute more to its own
area





Discussion



Significance

- Explore research impact in details
- Special patterns in Data Science

