Measuring Grant Productivity

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The National Institutes of Health

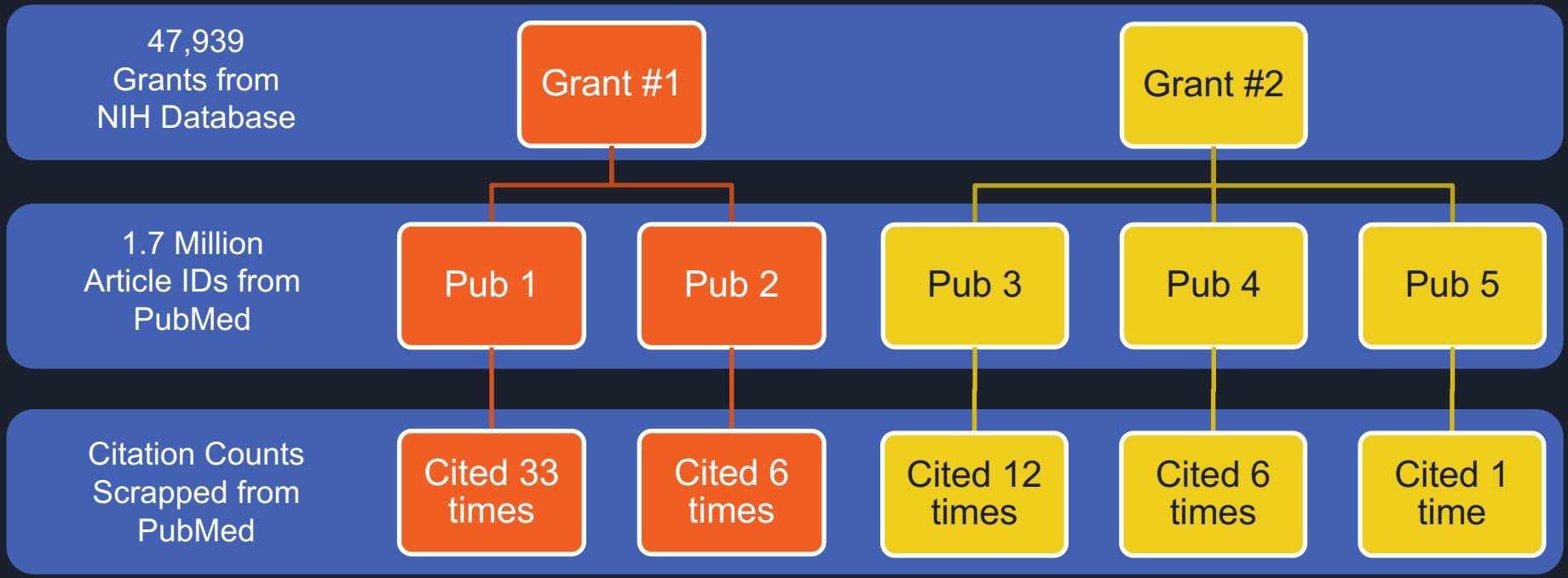
NIH Budget:

- In 2018: $37 Billion
- 90+ Grant Mechanism

2016-2020 Strategic Plan:

- "...enhance scientific stewardship by recruiting and retaining an outstanding biomedical research workforce, enhancing workforce diversity and impact through partnerships, ensuring rigor and reproducibility, optimizing approaches to inform funding decisions, encouraging innovation, and engaging in proactive risk management practices"

Data from:
NIH Reporter & PubMed



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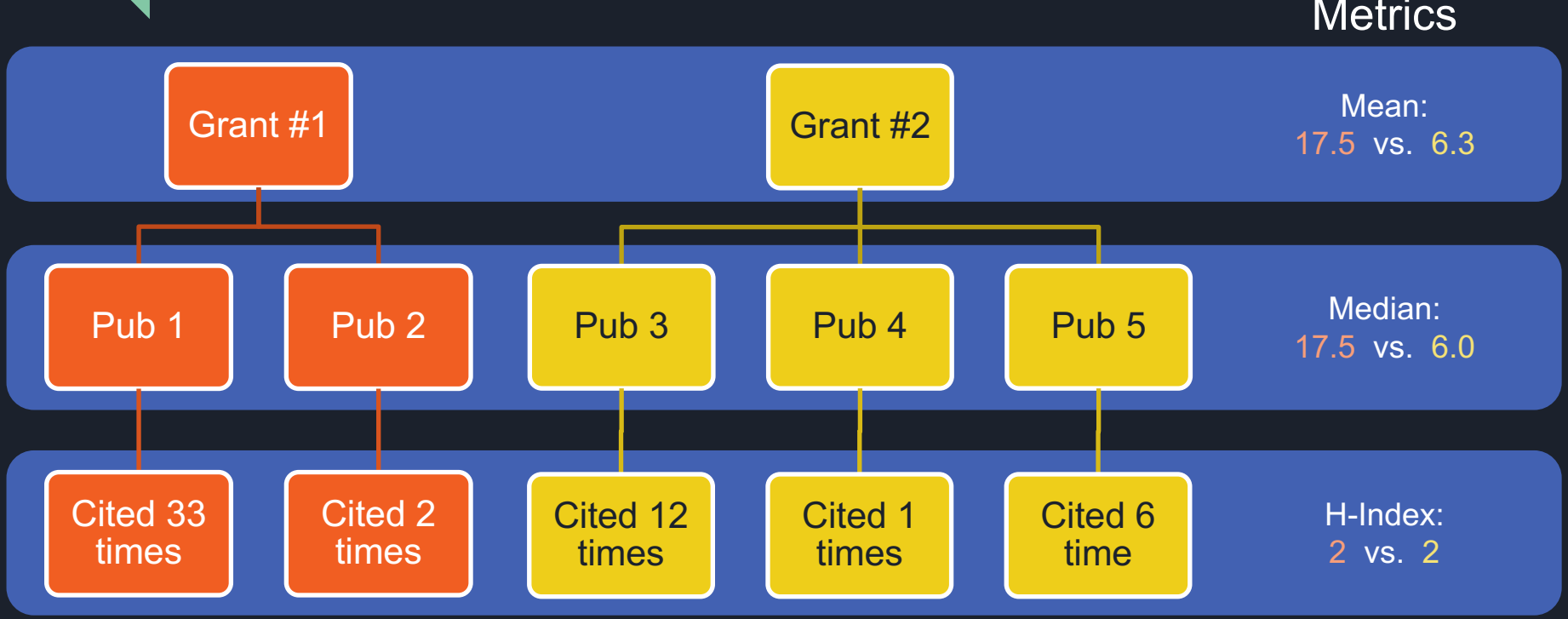
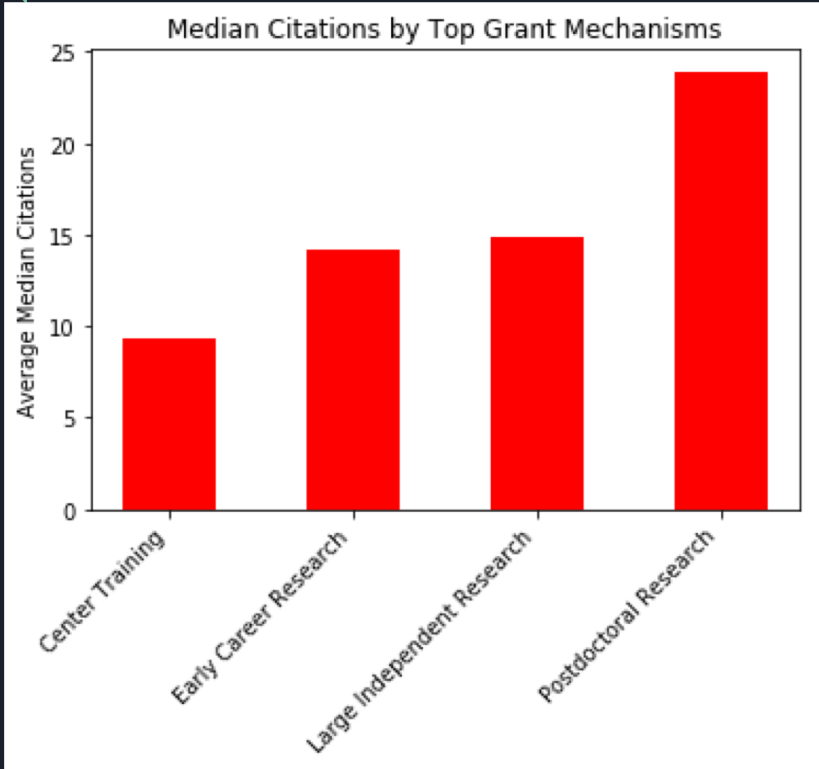
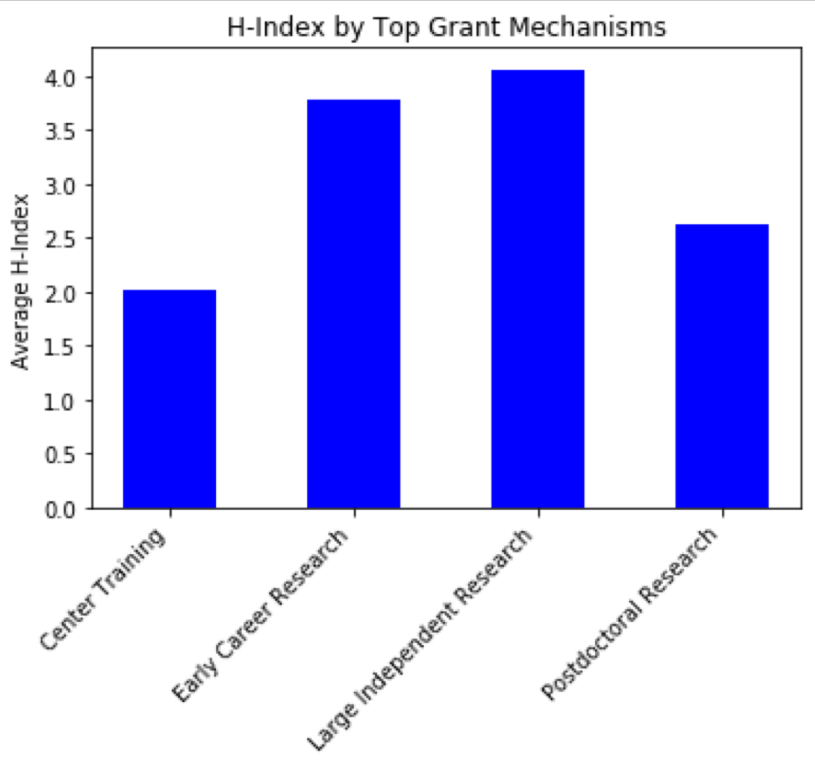
NIH Reporter & PubMed

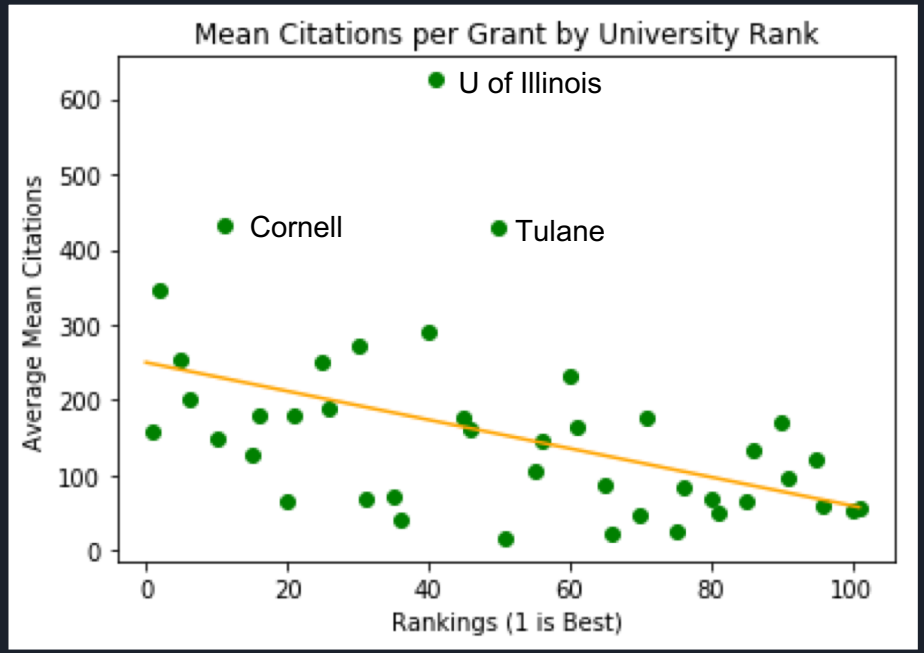


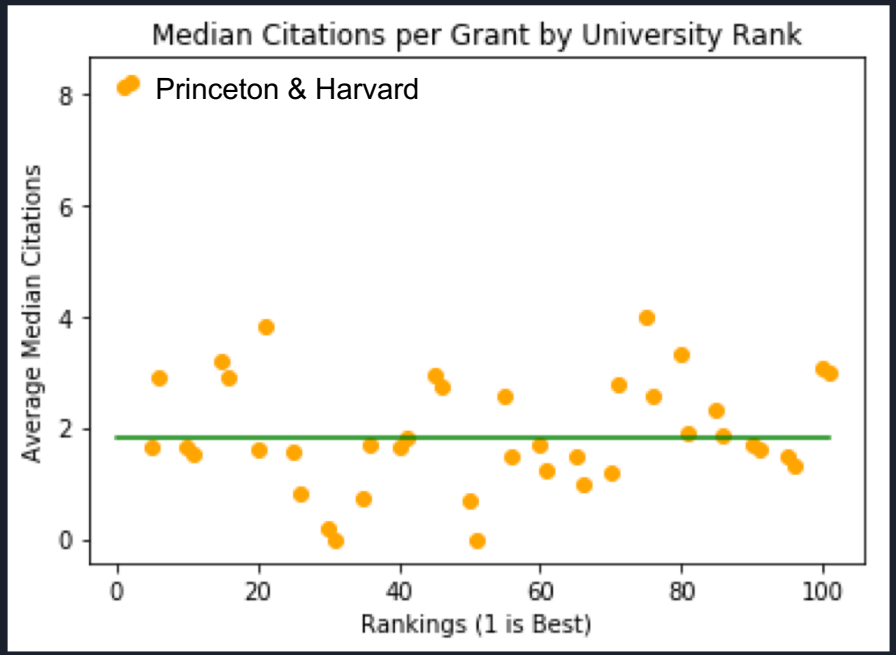
All Active Grants in 2000
Most Prevalent Mechanisms





All Active Grants in 2000 University Rankings





Use of Metrics
Inform Funding Decisions

- Identify Highly Productive:
  - Mechanism
  - Centers
  - Researchers
  - Institutions

- Answer factors that produce Influential Research :
  - Prestigious institutions
  - Collaborations