

BACKGROUND

- In 2022, the number of people living with HIV continues to grow. However, while needs for treatment programs are only increasing, the resources dedicated to HIV is decreasing.
- Tech companies' computational knowledge and scaling ability has supported public health responses to major challenges, including COVID-19.
- This has not been the case with HIV; unfortunately, engagement with non-biomedical technologies remains sporadic and uncoordinated.

STUDY OBJECTIVE

To assess the current status of **engagement of tech companies in HIV**, we are conducting a **comprehensive landscape analysis of tech companies' existing contributions to the HIV response**.

METHODS

- Study Design:** We conducted a scoping review, querying eight databases: Development Experience Clearinghouse, EconLit, Embase, NIH Reporter, PROSPERO, PubMed, Scopus, and Web of Science
- Inclusion Criteria:**
 - Studies, abstracts, and documents related to any aspect of HIV response that included affiliation with one of the following tech companies:
 - Adobe, Amazon, Apple, Azure, Facebook, Google, IBM, Microsoft, Red Hat, Salesforce, Twitter, and Uber**
 - All countries and settings
- Exclusion Criteria:**
 - Standard use of technology
 - Non-English publication
- Statistical Analysis**
 - Descriptive statistics: frequency

LIMITATIONS

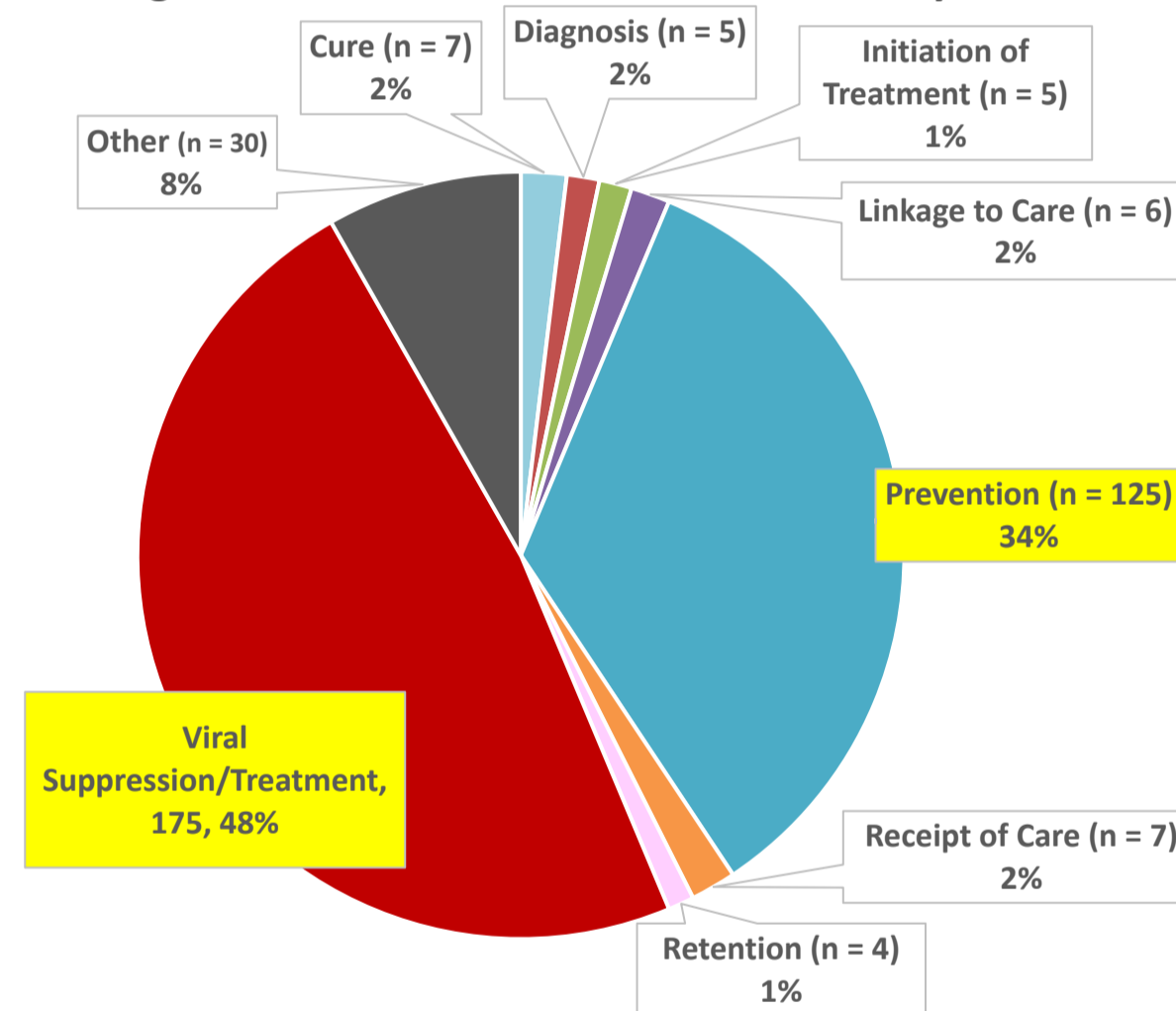
- We searched limited databases, which can limit the statistical power of our analyses.
- Companies may have engaged in the HIV response without publishing about their participation.

KEY TAKEAWAYS

- This is the first review to landscape the work large tech companies have done in HIV.
- We have identified gaps and opportunities where tech company can engage with the HIV care continuum, including linkage/receipt of care, retention, diagnosis, and prevention.

RESULTS

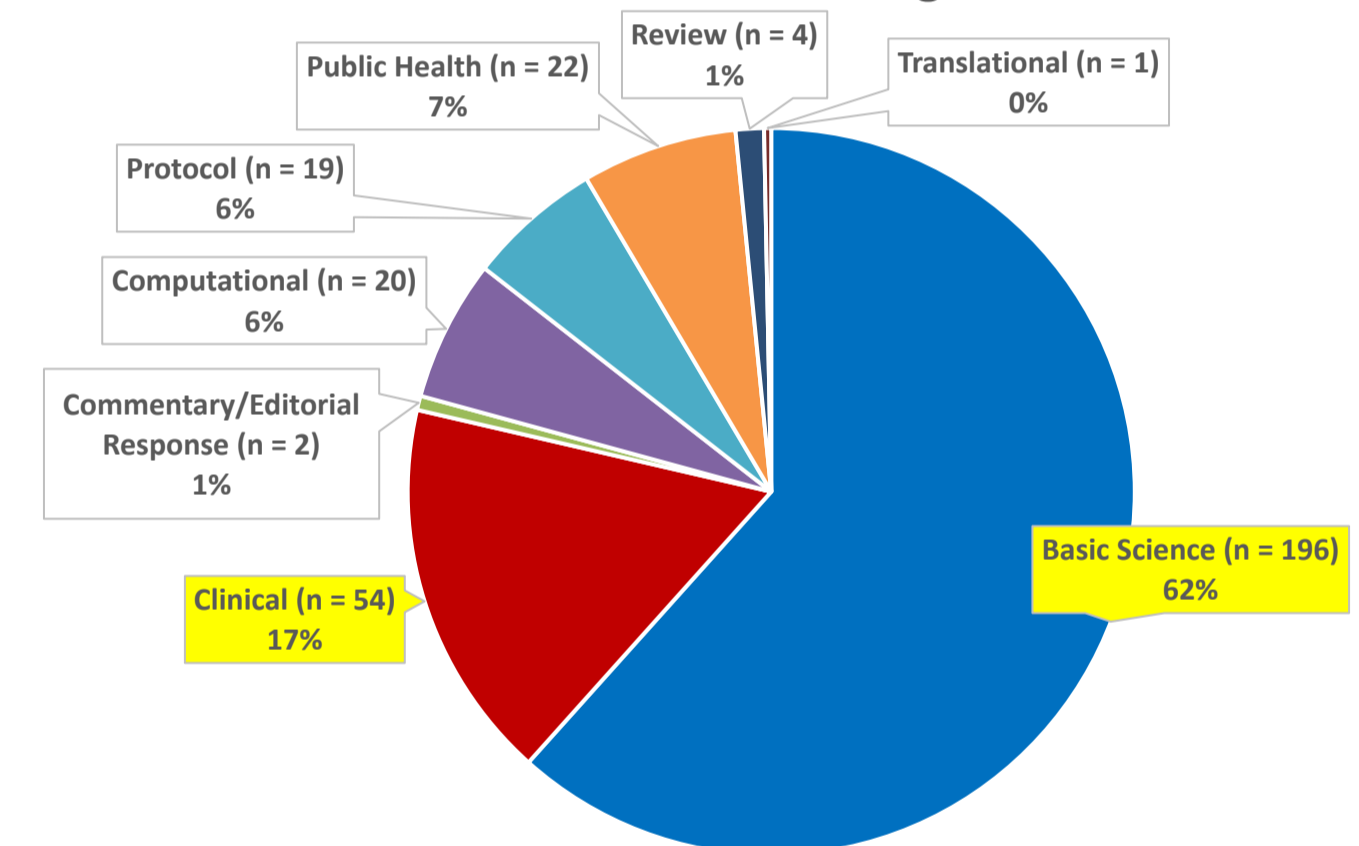
Stages of HIV Care Continuum Addressed by Articles



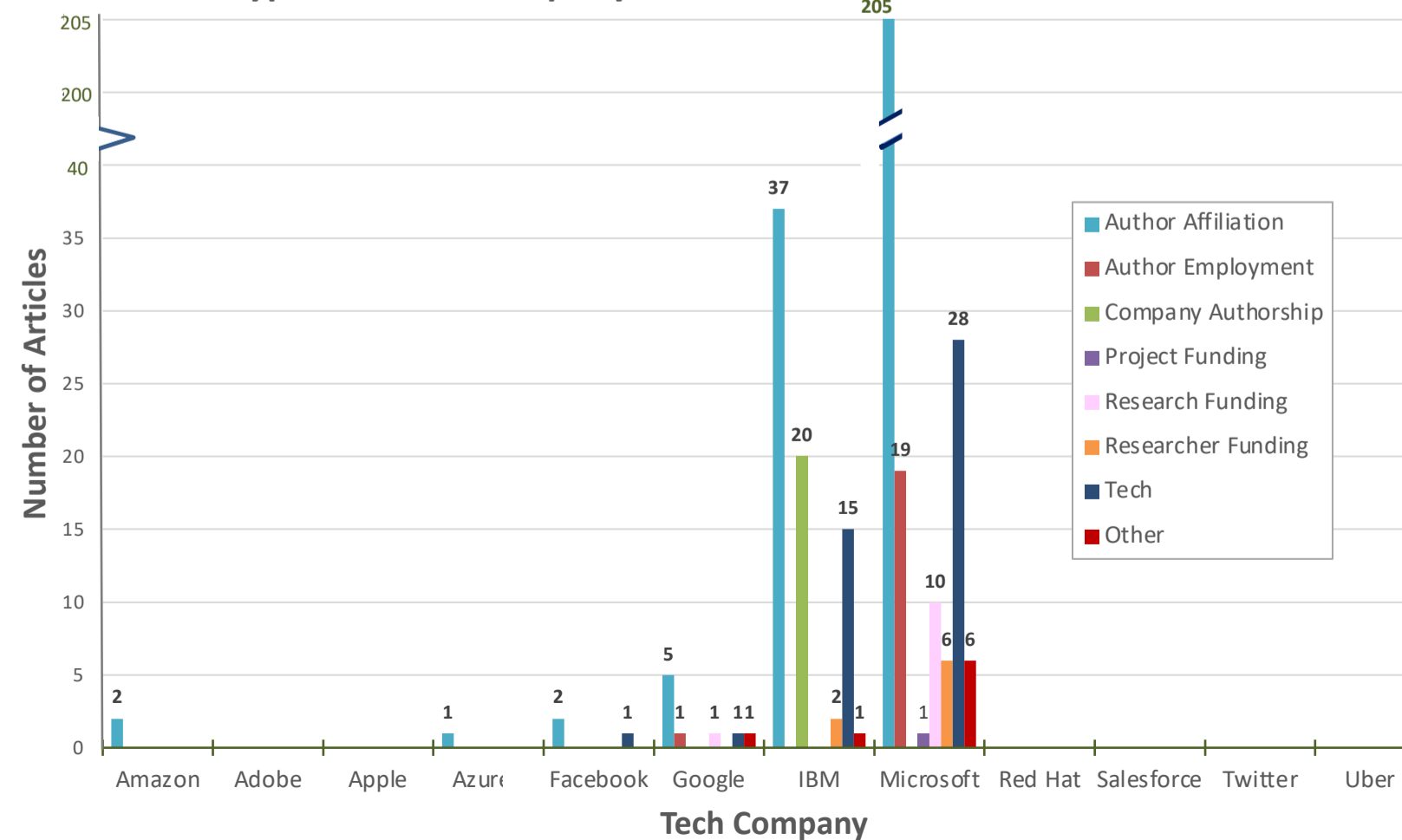
CONCLUSIONS

- Almost half of documents and papers focused on viral suppression/treatment (n = 175, 48%), while almost one third focused on prevention (34%, n = 125)
- Tech companies have primarily focused on basic science research (n = 196, 62%), followed by clinical research (n = 54, 17%).
- Company affiliations are primarily author affiliation (n = 225) and tech application/development (n = 45).

Article Research Categories



Types of Tech Company Affiliation for Selected Articles



Identification of studies via databases and registers

