

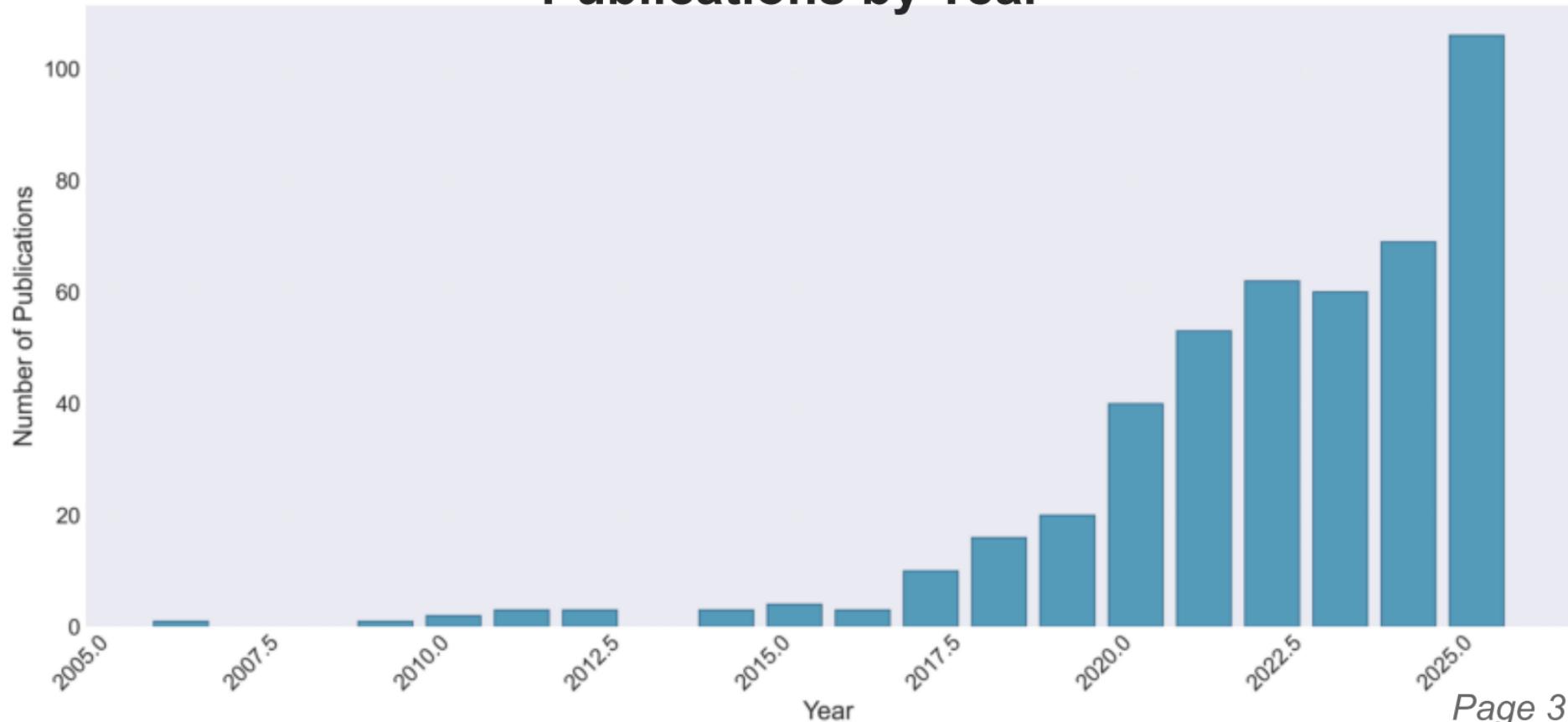
Meta-Analysis Graphical Abstract

**Total Papers: 456
Date: 2025-12-16**

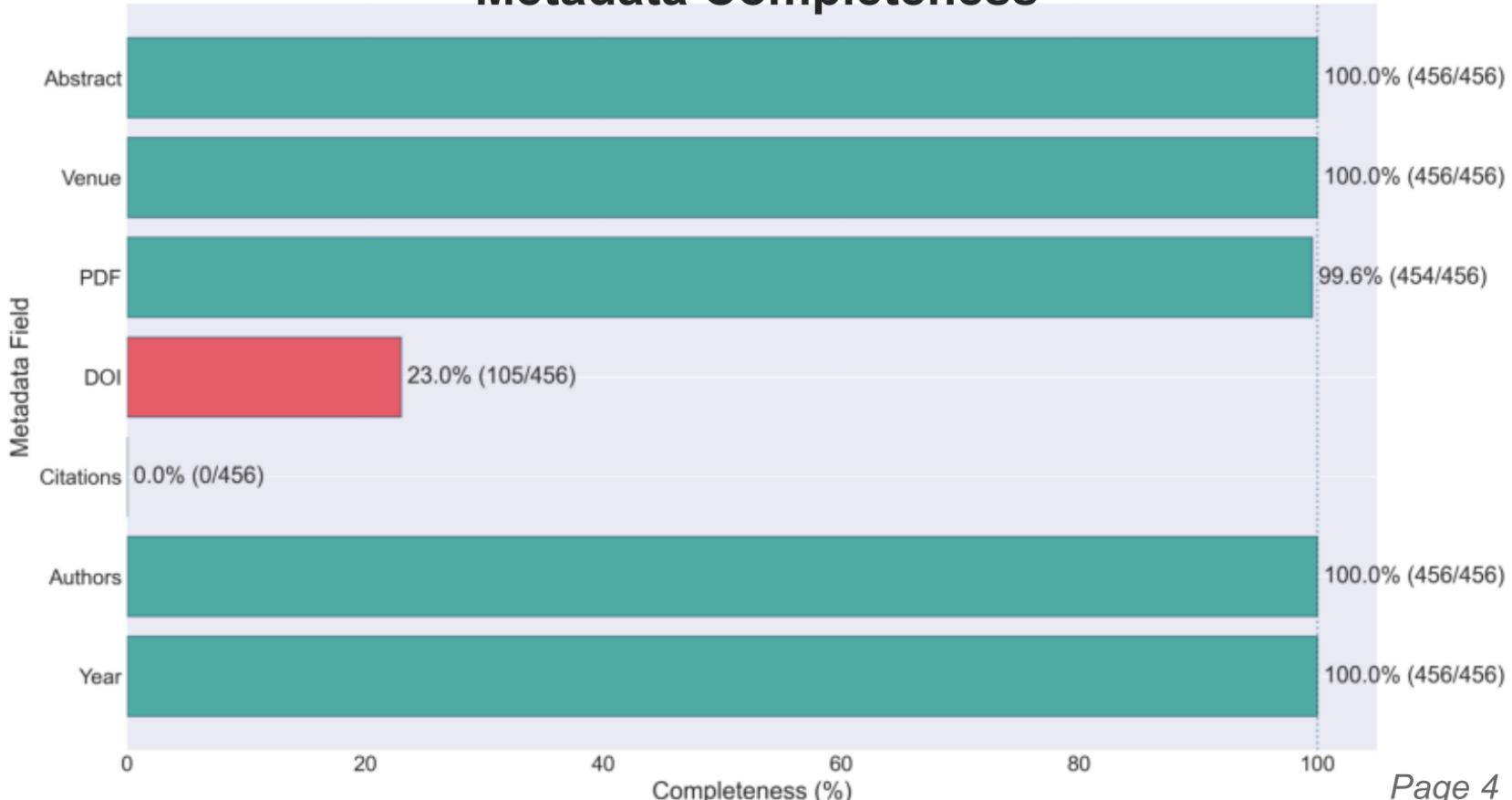
(Includes Embedding Analysis)

Overview

Publications by Year

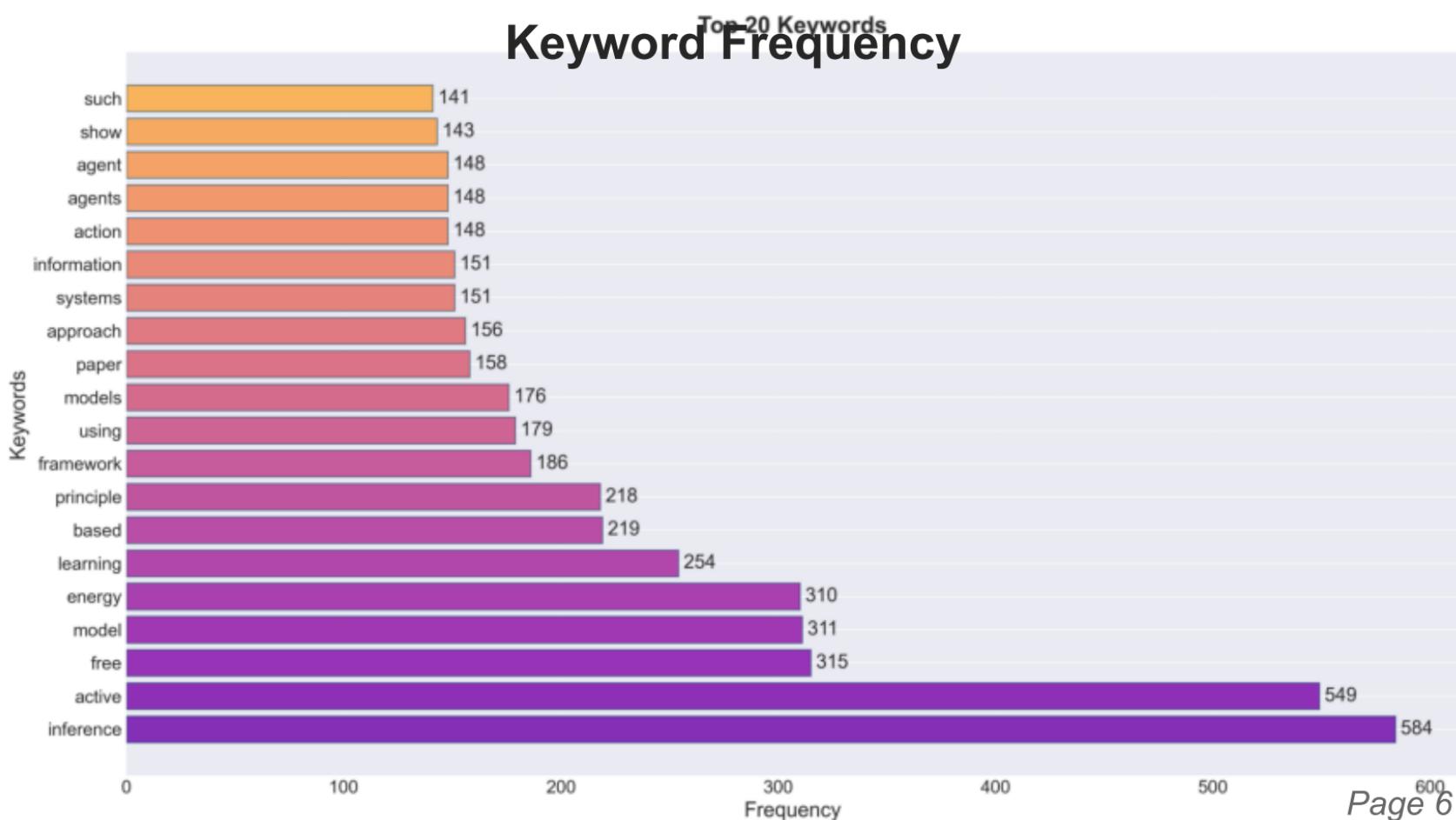


Metadata Completeness

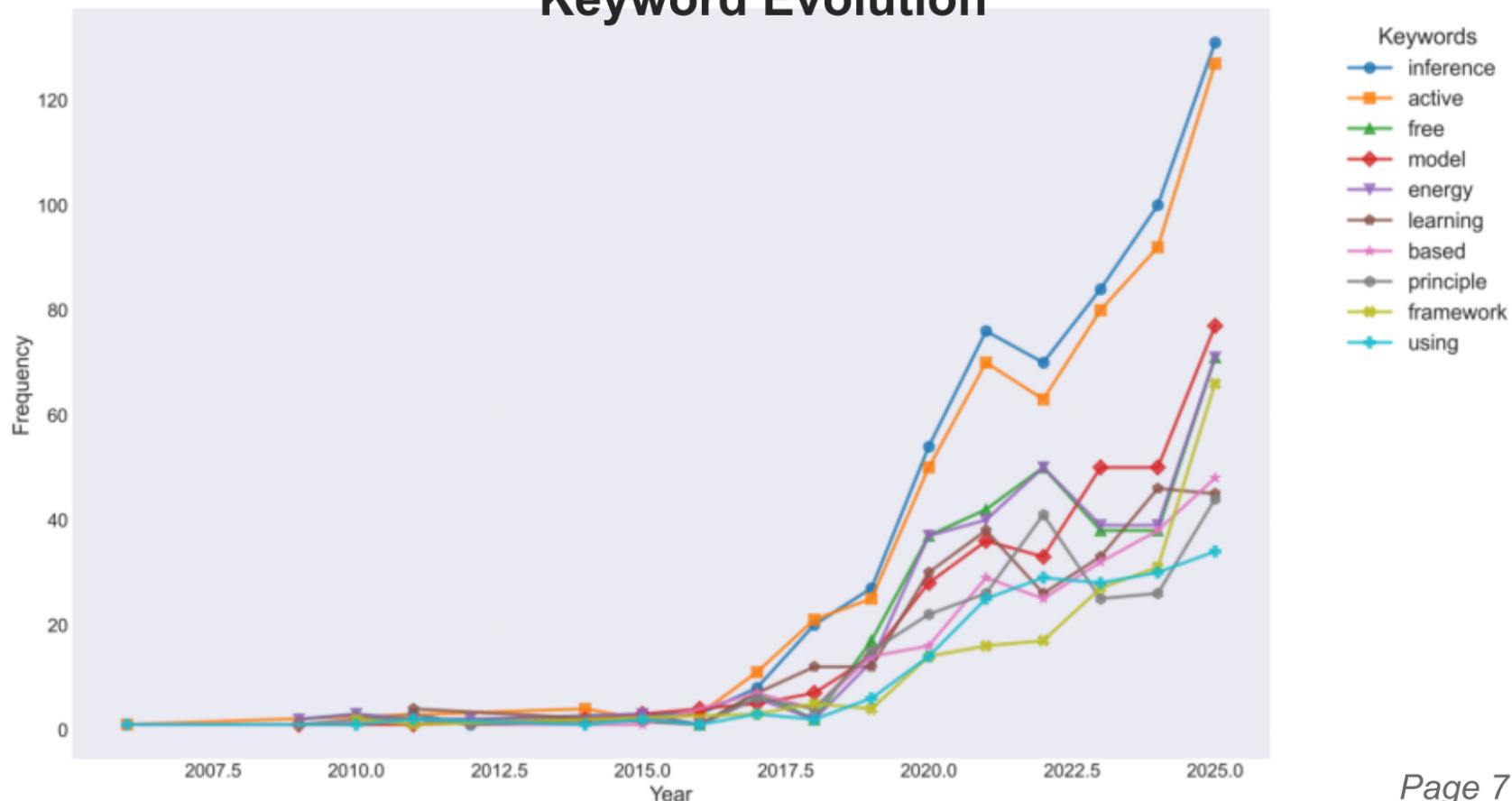


Keyword Analysis

Keyword Frequency

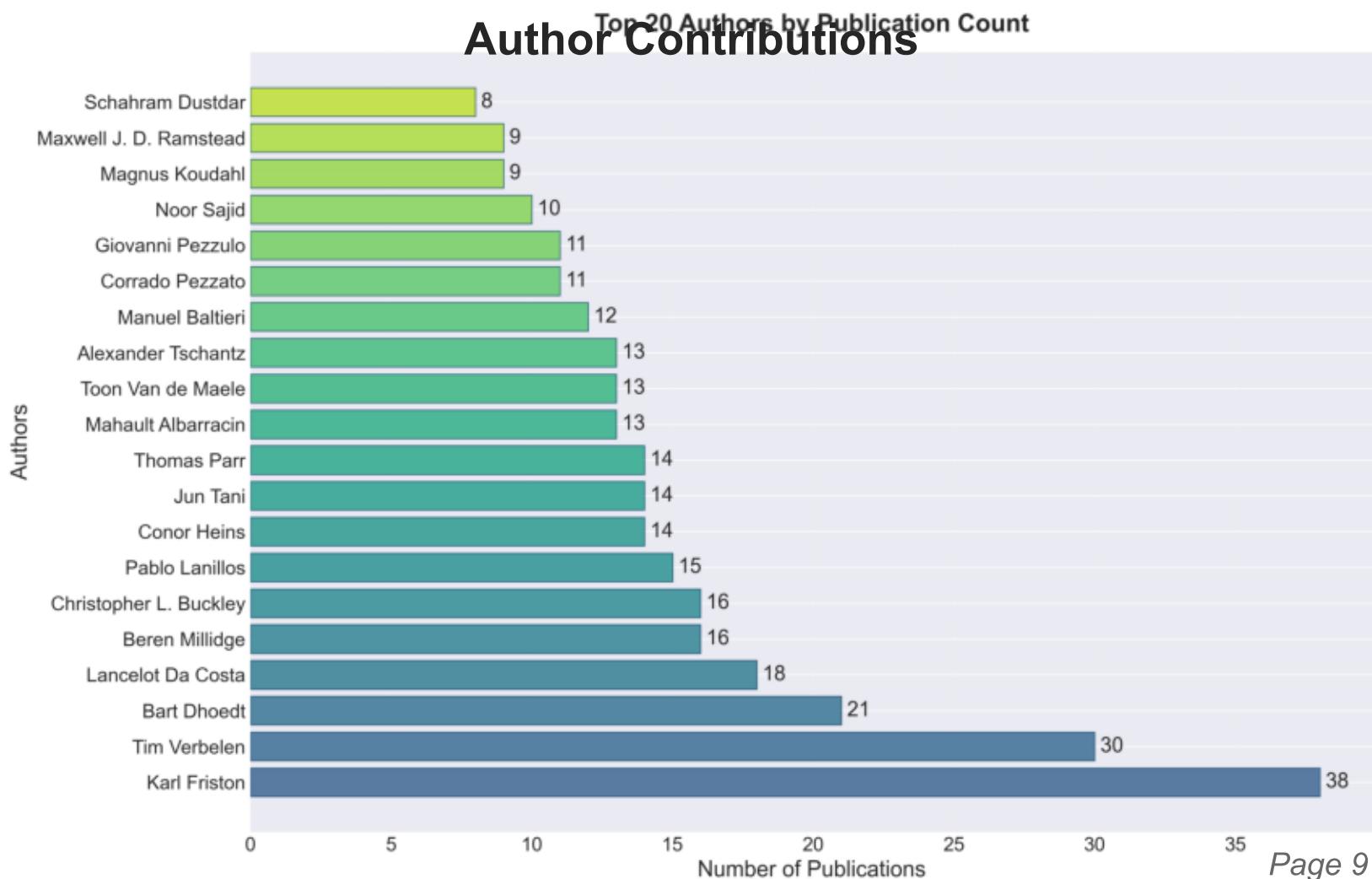


Keyword Evolution



Author & Venue Analysis

Author Contributions



Venue Distribution

Venues

arXiv

456



0

100

200

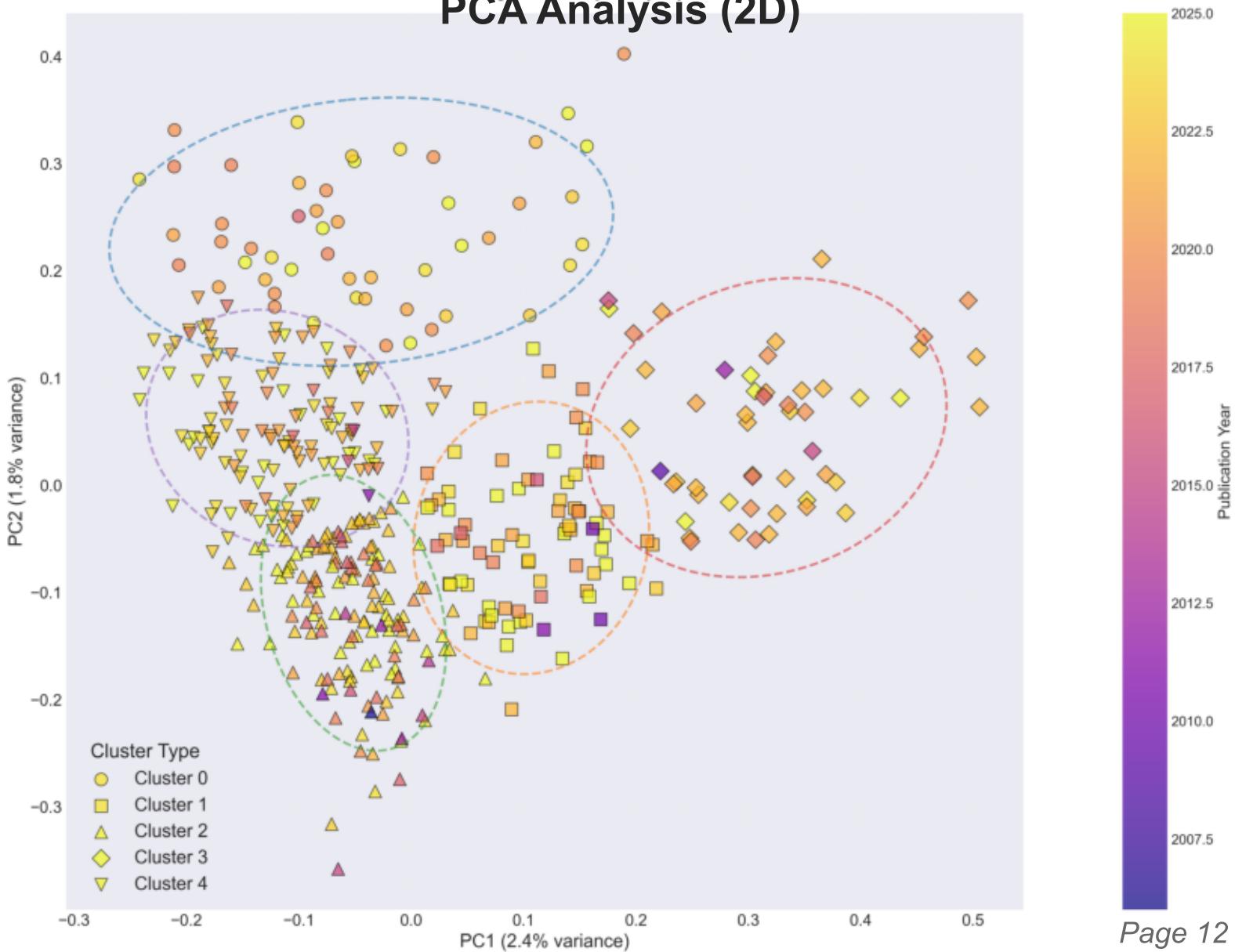
300

400

Number of Publications

PCA Analysis

PCA Analysis (2D)

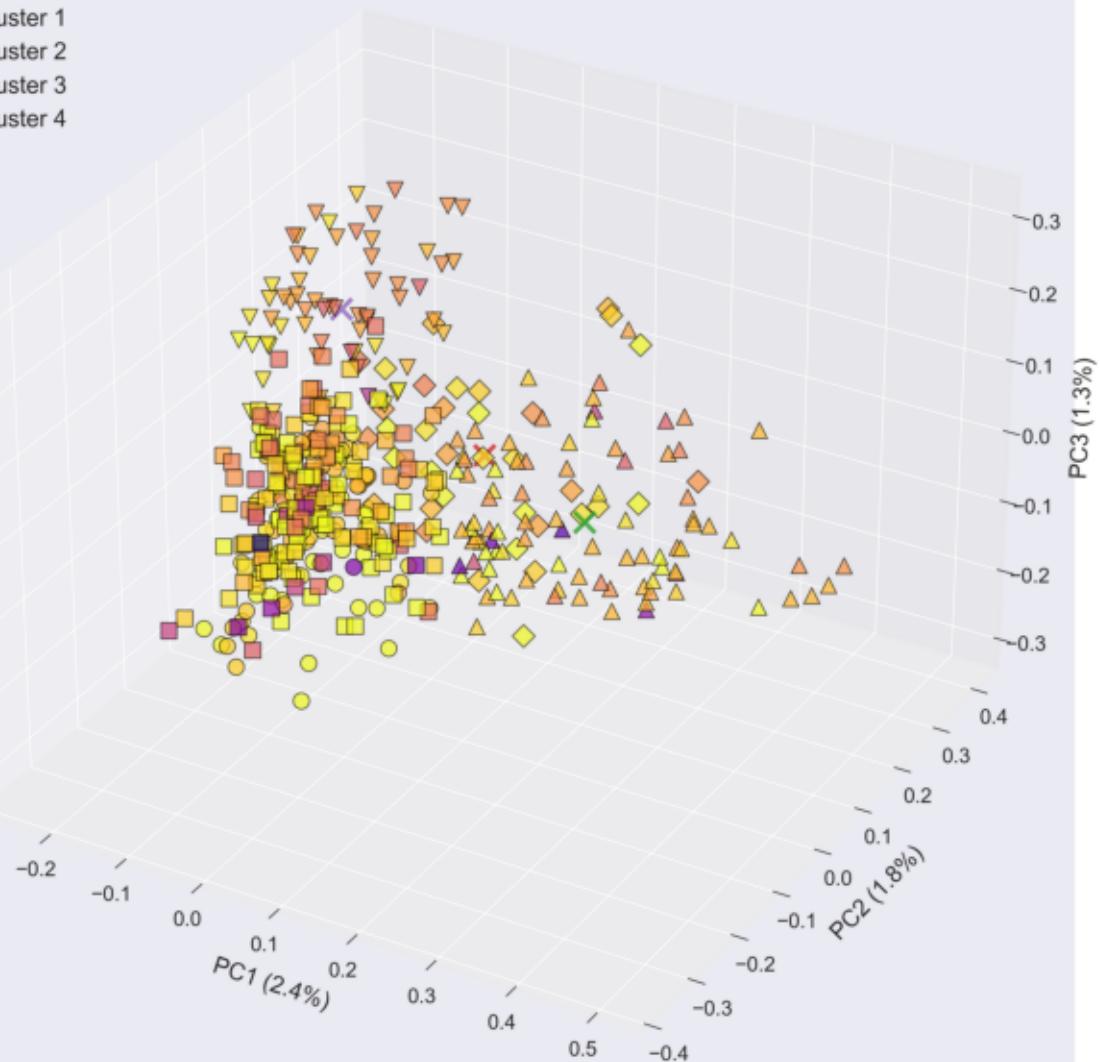
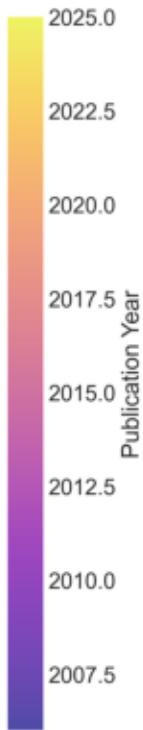


PCA Analysis of Papers (3D)

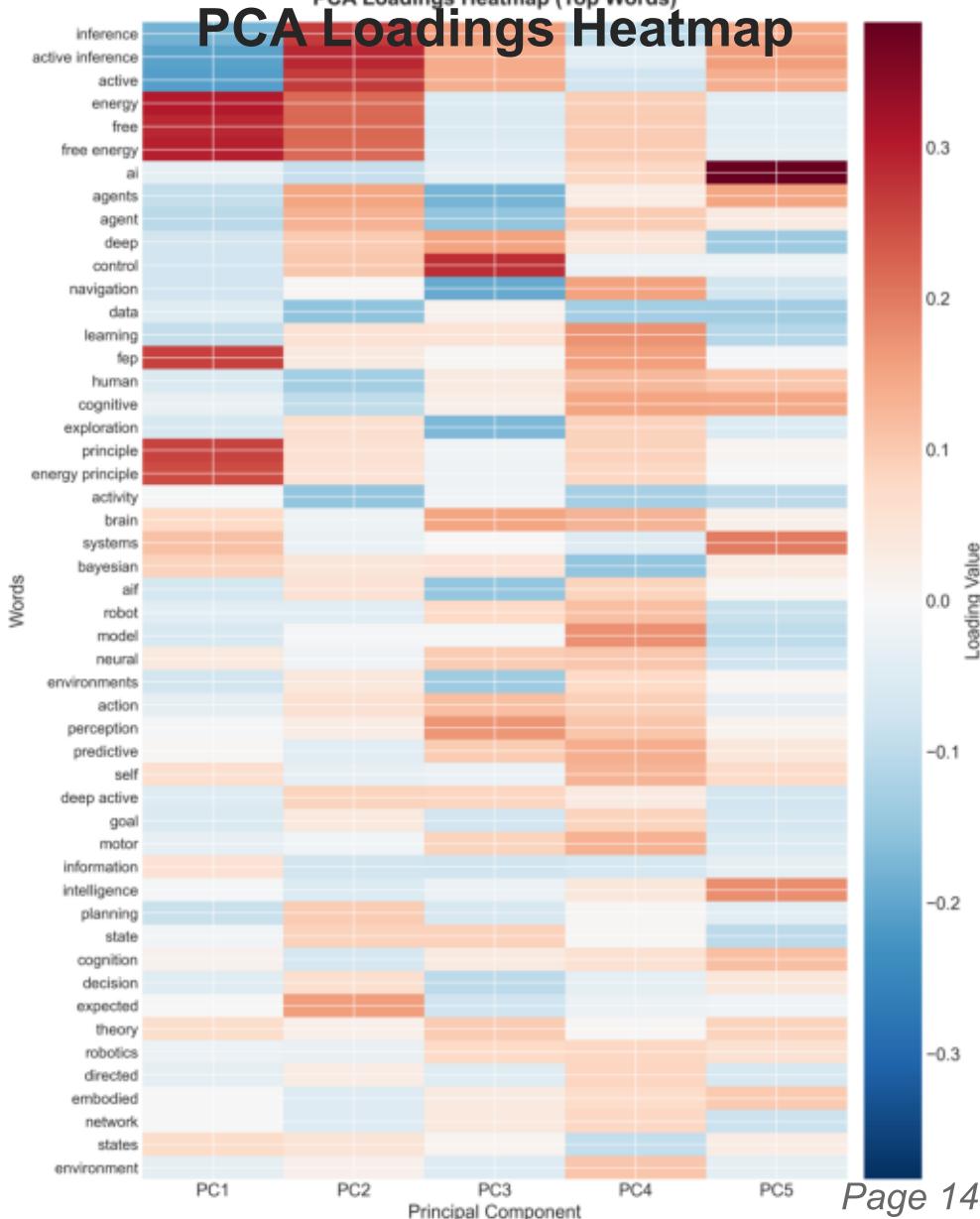
PCA Analysis (3D)

Cluster Type

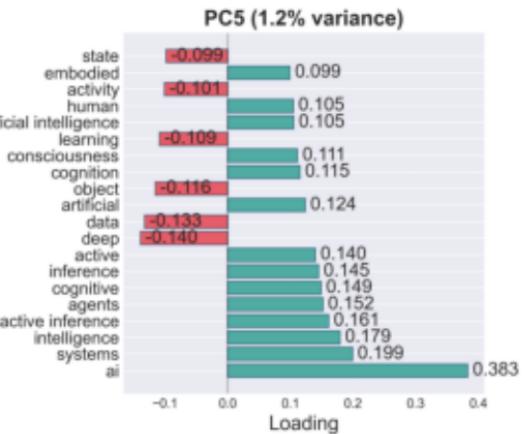
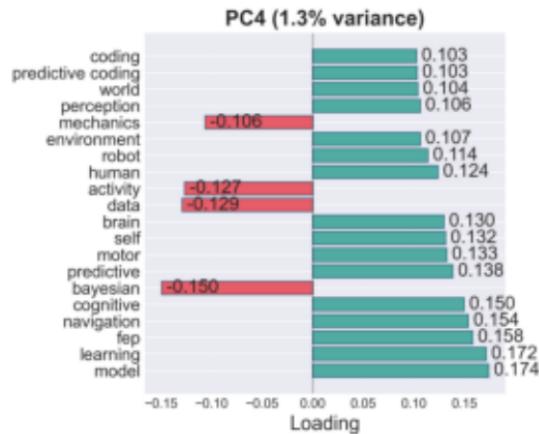
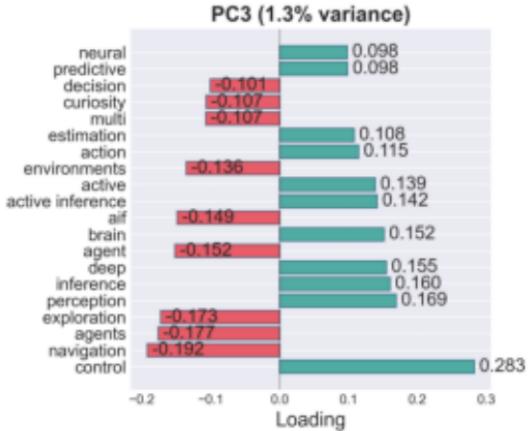
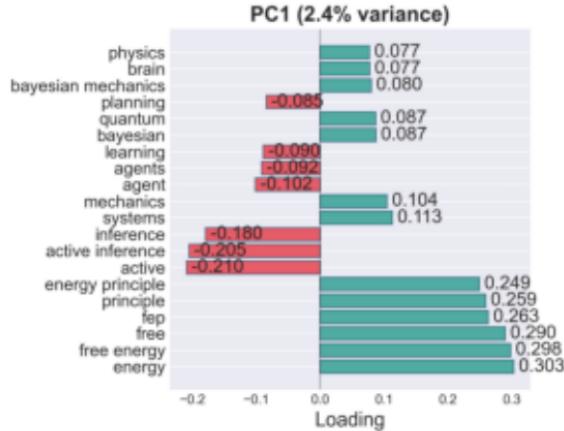
- Cluster 0
- Cluster 1
- ▲ Cluster 2
- ◆ Cluster 3
- ▼ Cluster 4



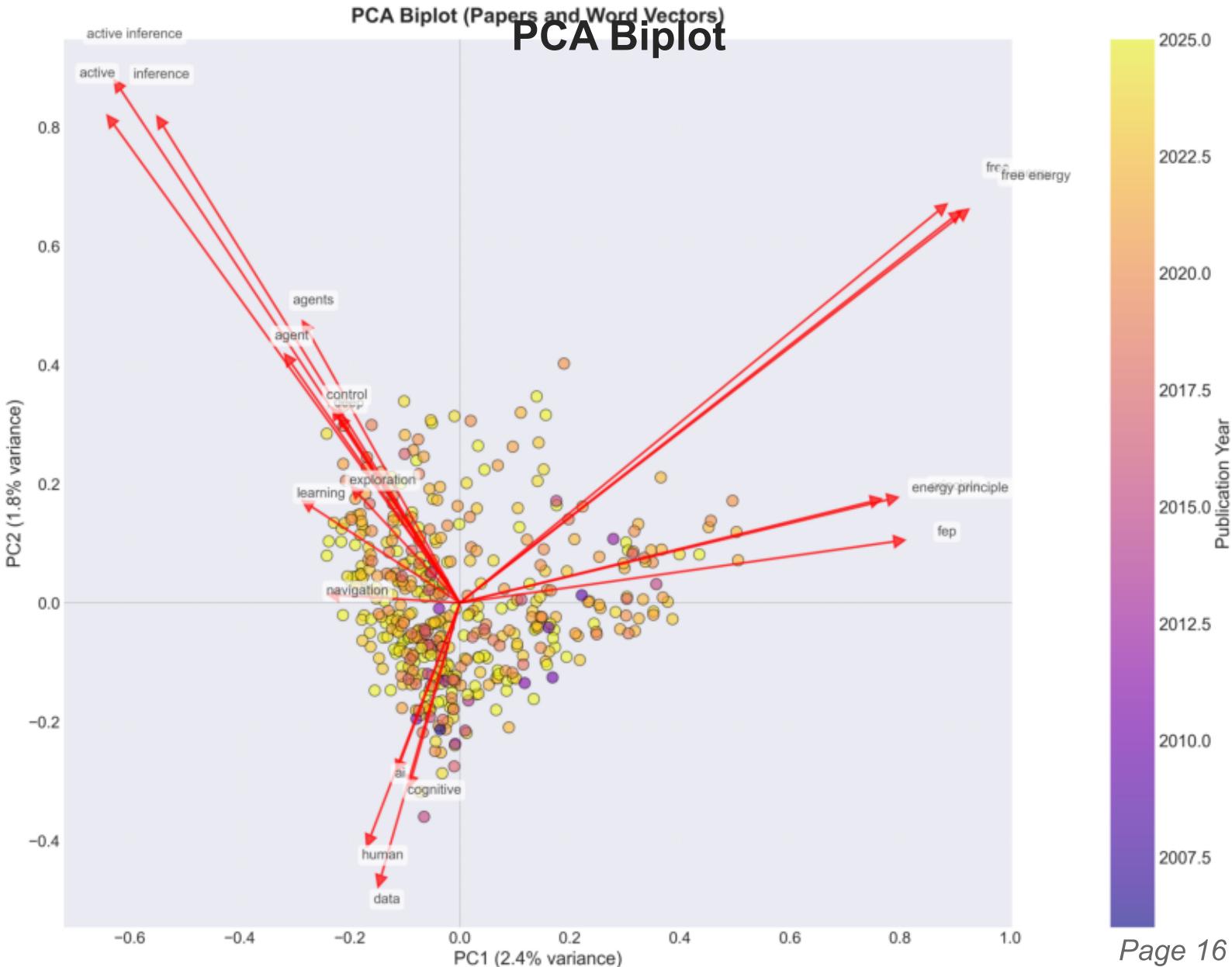
PCA Loadings Heatmap (Top Words)



PCA Loadings Barplots

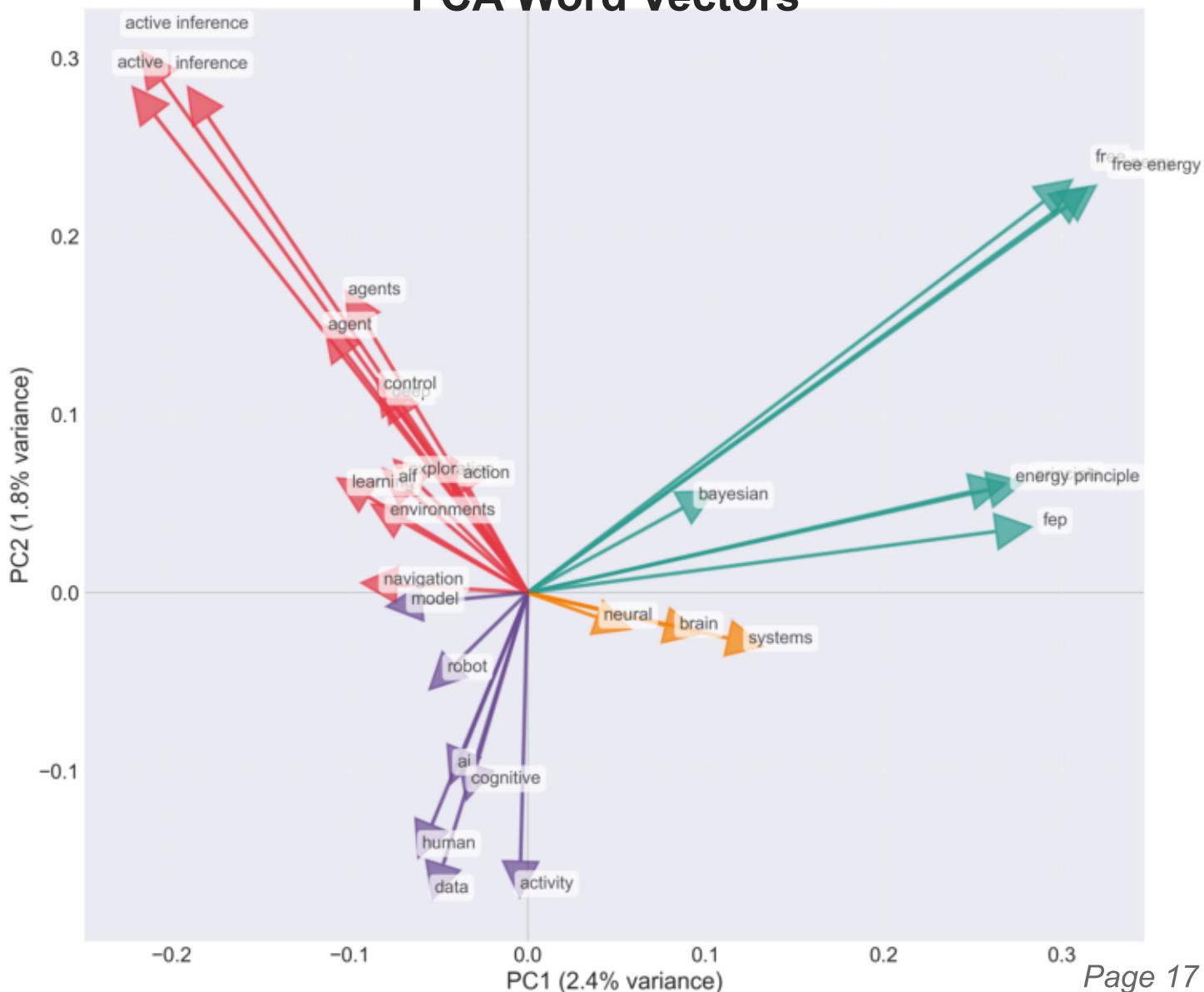


PCA Biplot (Papers and Word Vectors)



Word Vectors in Principal Component Space

PCA Word Vectors



Embedding Analysis