

Poster Supplementary Figures / Ongoing Extensions

Citation-similarity relationships in astrophysics literature – AI4Science @ NeurIPS

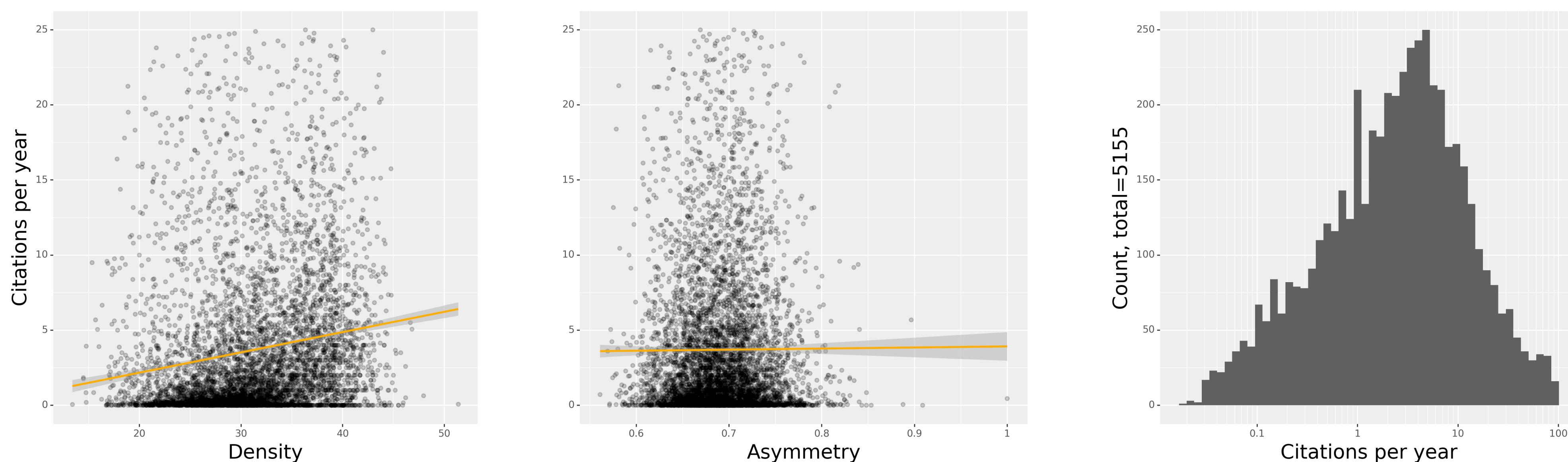
Nathaniel Imel and Zachary Hafen-Saavedra

Density, asymmetry trends mostly replicate across embeddings

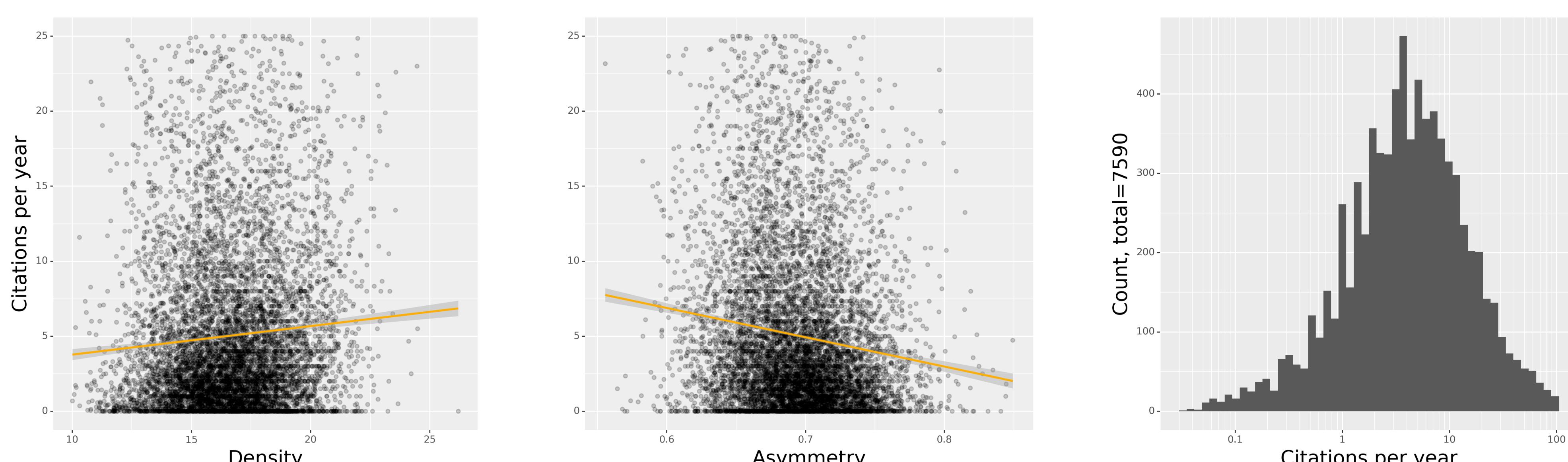
For each method, we iteratively query Semantic Scholar for up to 10k publications

[code](#)

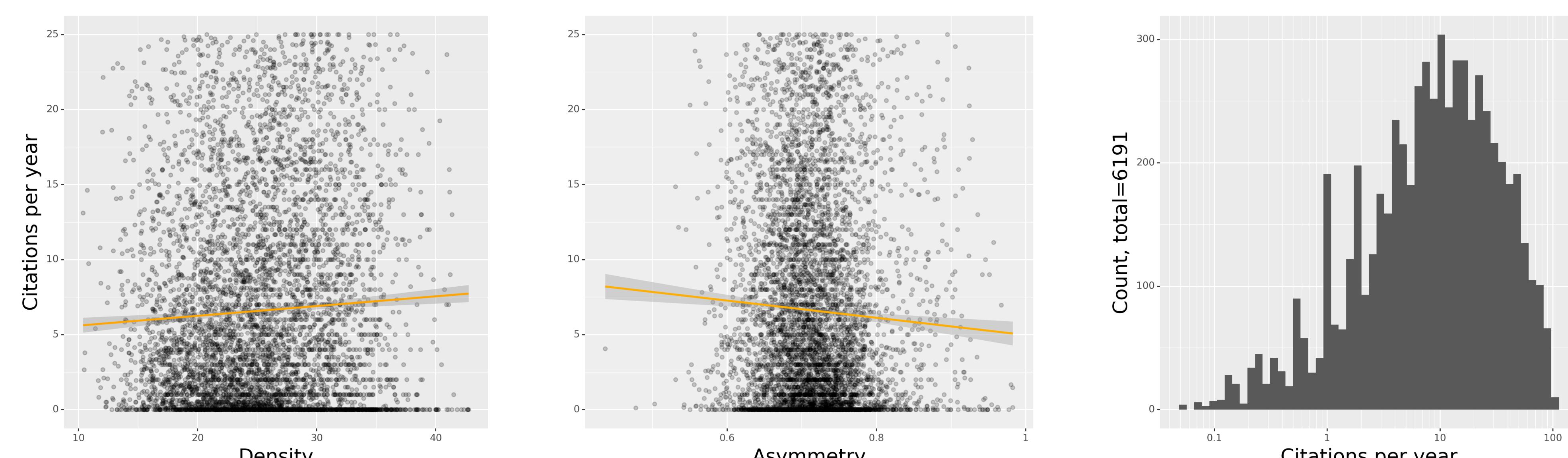
SciBERT



SBERT



Word2Vec



Density varies over
time and research
region

density vs. log cpy by year and region.



B.o.W. embeddings and
ADS regions from paper