

Poster Supplementary Figures / Ongoing Extensions

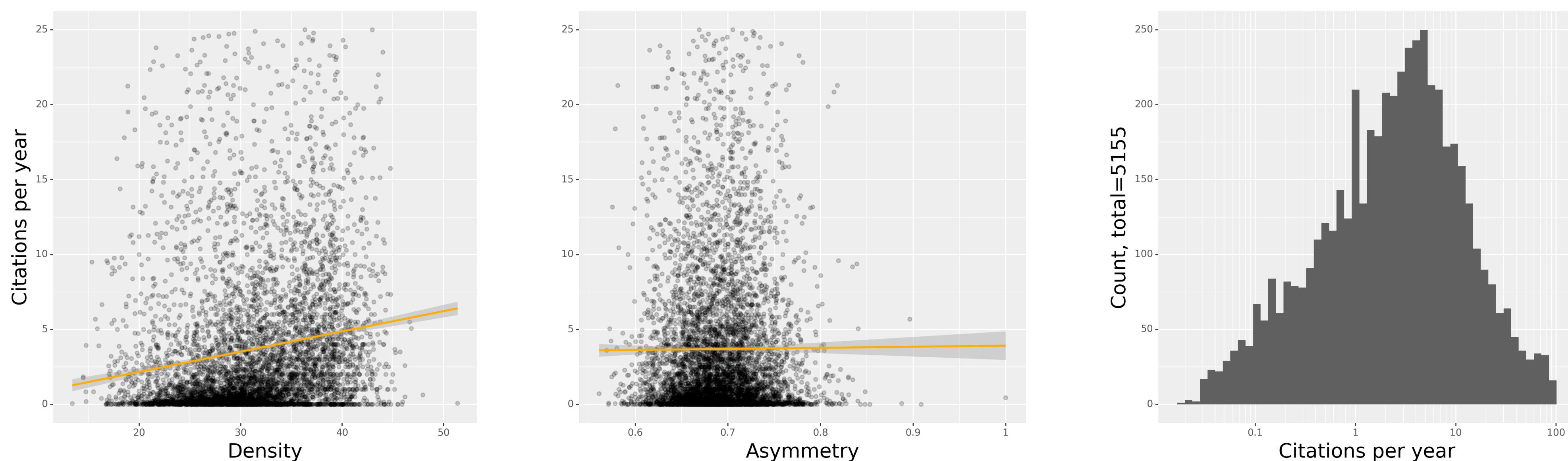
Citation-similarity relationships in astrophysics literature — AI4Science @ NeurIPS

Nathaniel Imel and Zachary Hafen-Saavedra

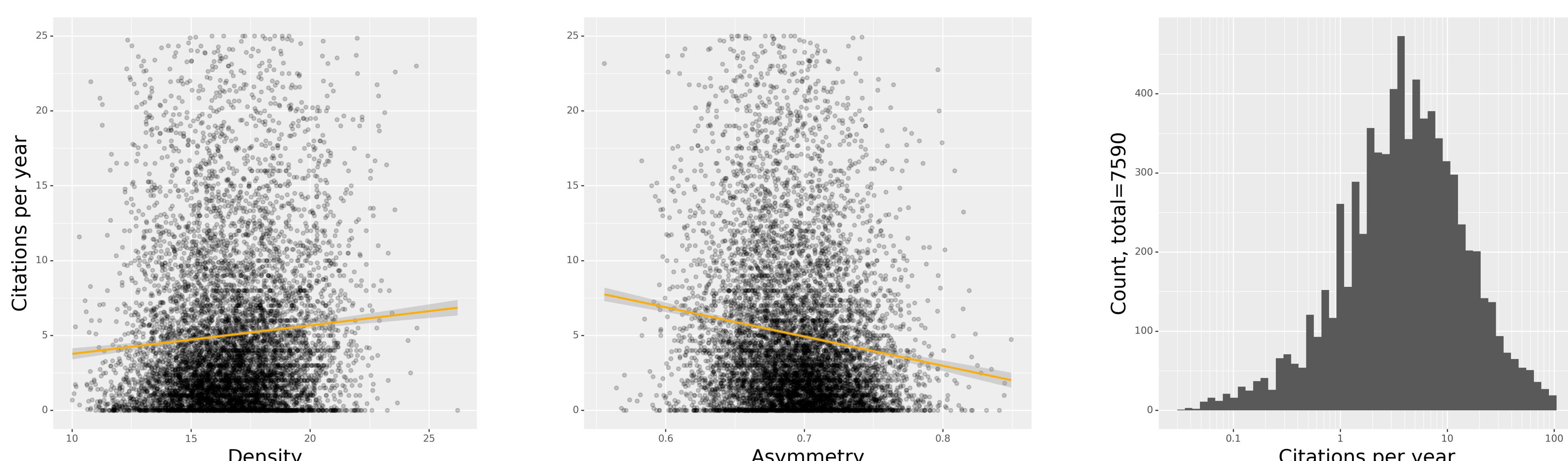
Density, asymmetry trends mostly replicate across embeddings

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

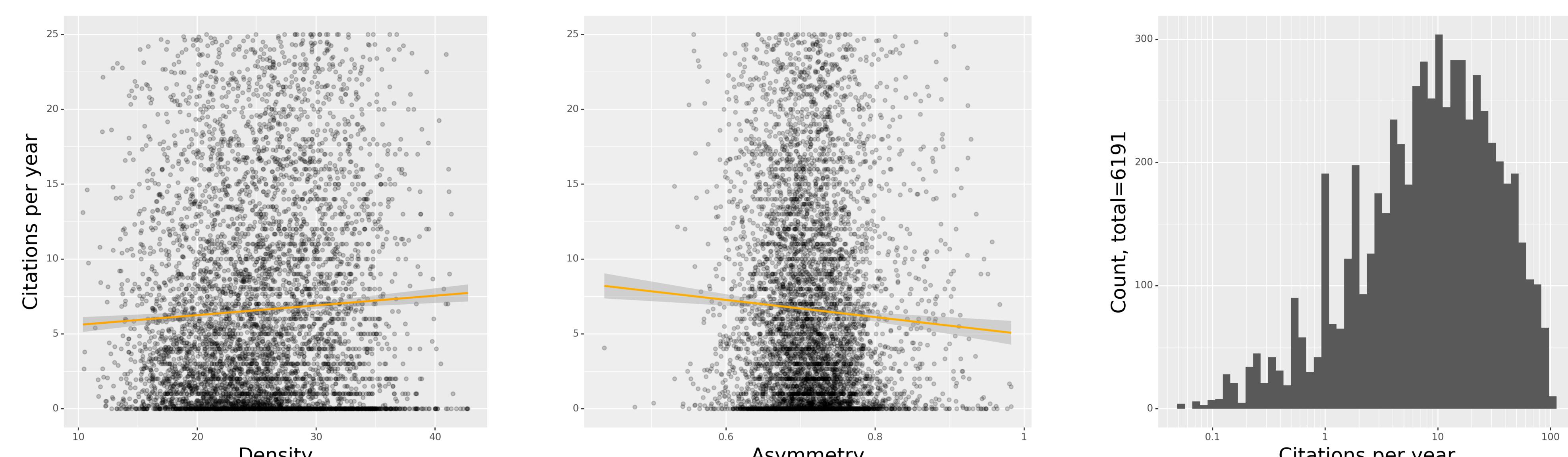
SciBERT



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 main
paper