Topological Data Analysis

Unsupervised Word Disambiguation:
Create each definition for each connected component of a word's embedding.
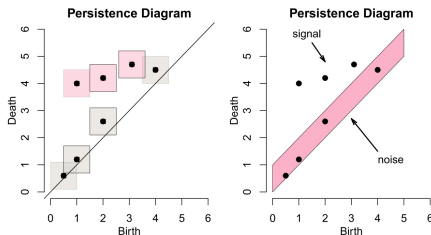Persistence Homology Algorithm:

Figure: Persistence Diagram with Confidence Intervals.

Benchmark against word sense disambiguation dataset
SemCor & OMSTI, entry vs entry

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