Samuel Ahuno (sta2588)

Date: oct 12th 2023

**Reading: probabilistic topic modeling by David Blei**

From my understanding, topic modeling is a way of finding structure within large corpus of text like newspaper.

It models the observed variables and latent component which is word distribution and the parameters specifying that.

It was applied to papers in the science magazine and yale law school journal text. It says in the paper it’s applicable to genomics and I’m wondering how that is possible.

By the way, I think I saw poster of topic modelling application in single cell genomics by Columbia student and Dana Peer group in MSKCC.

Personally, I think things are loosely or broadly weaving together and I must trust the process.