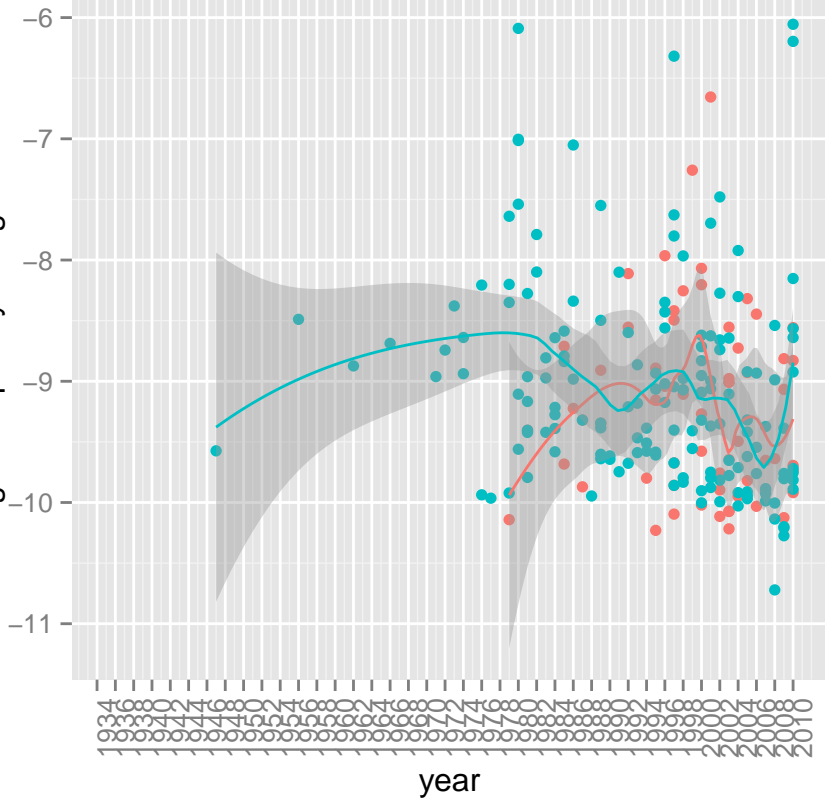


log of frequency of bigrams



variable

- social inequality
- social complexity