

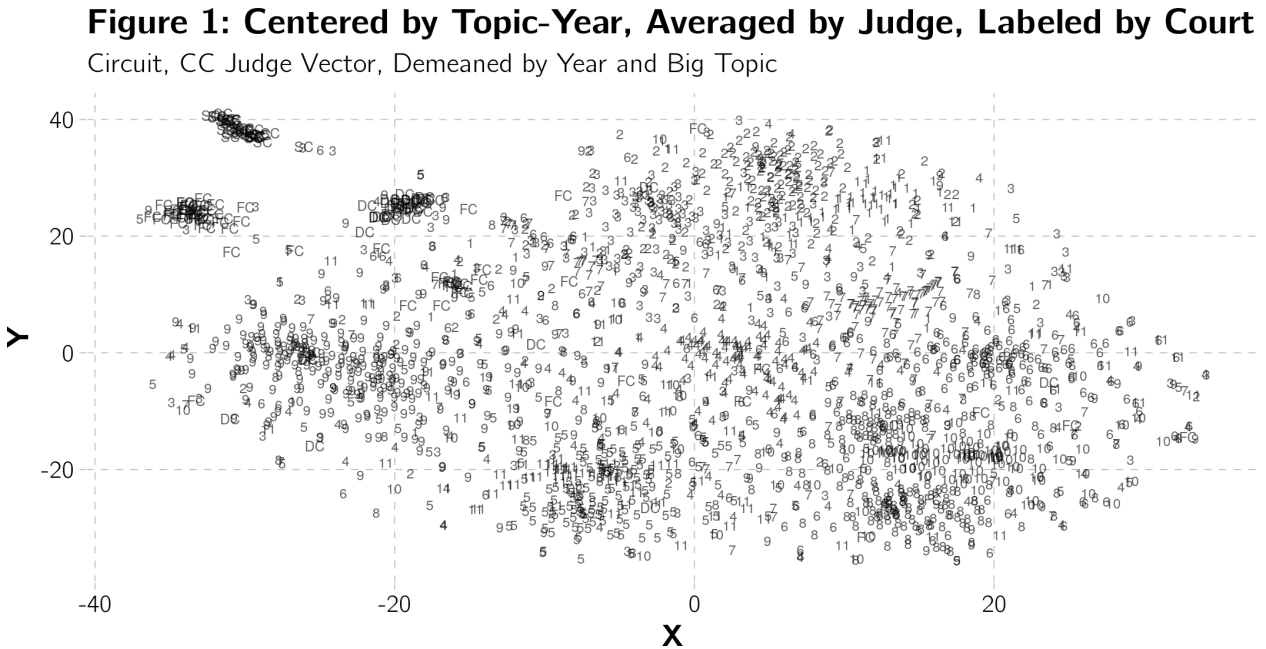
# **“LAW AS DATA”**

**Chen and Ash Figures**

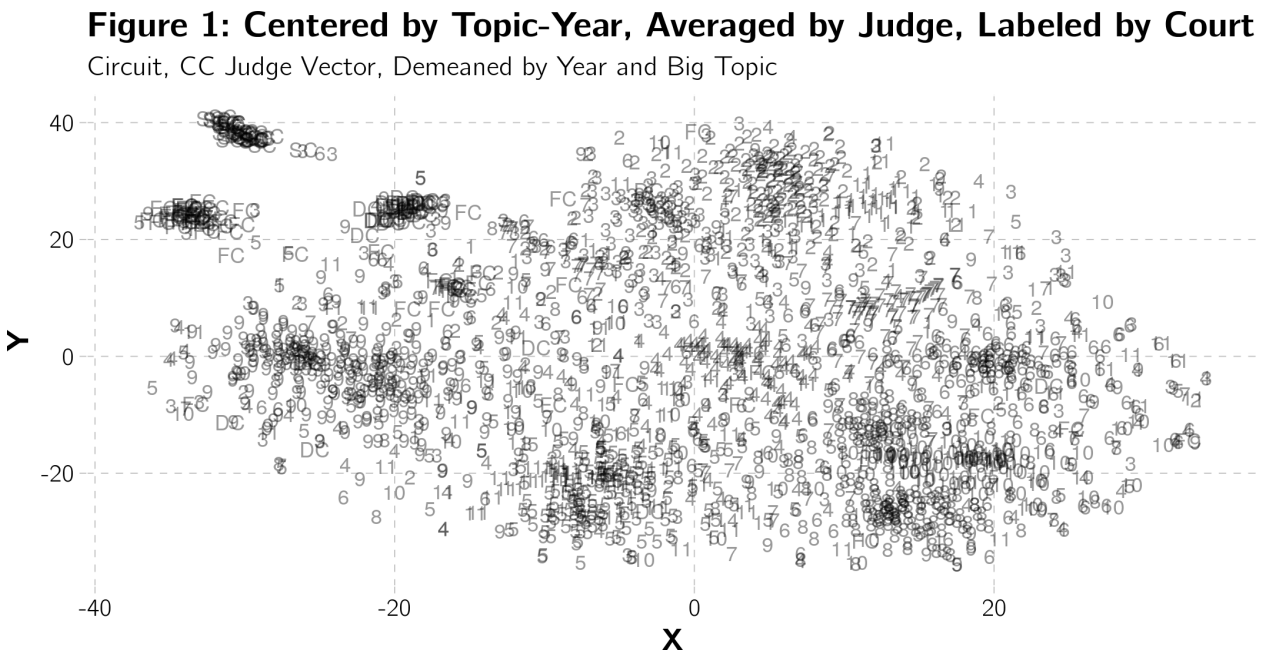
**September 20th 2018**

This markdown is for Chen and Ash figures.

### Chen and Ash 1 (version 1)

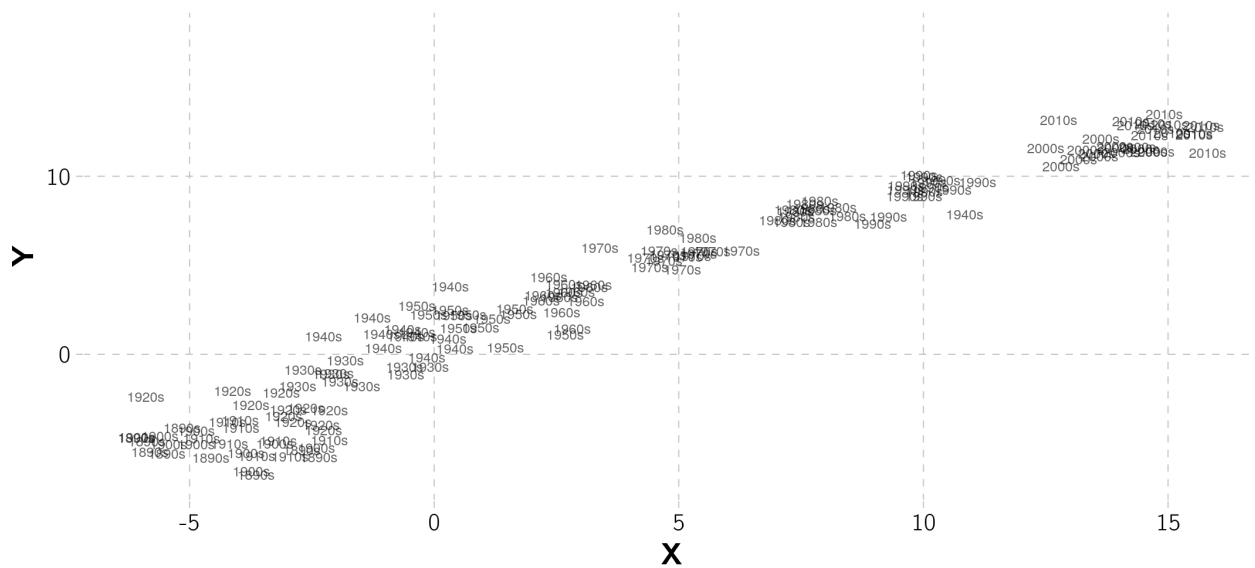


### Chen and Ash 1 (version 2)



**Figure 2.**

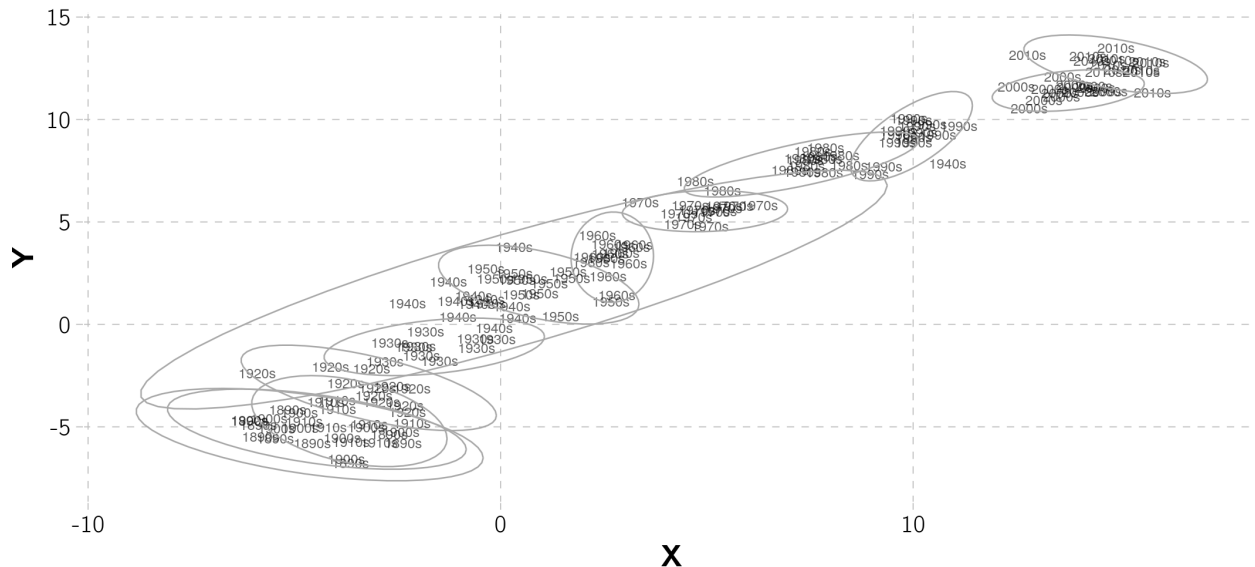
Centered by Court Topic, Averaged by Court-Year, Labeled by Decade



Court Decade, SC & CC Court Decade Vector, Demeaned by Circuit and Big Topic

**Figure 2.**

Centered by Court Topic, Averaged by Court-Year, Labeled by Decade

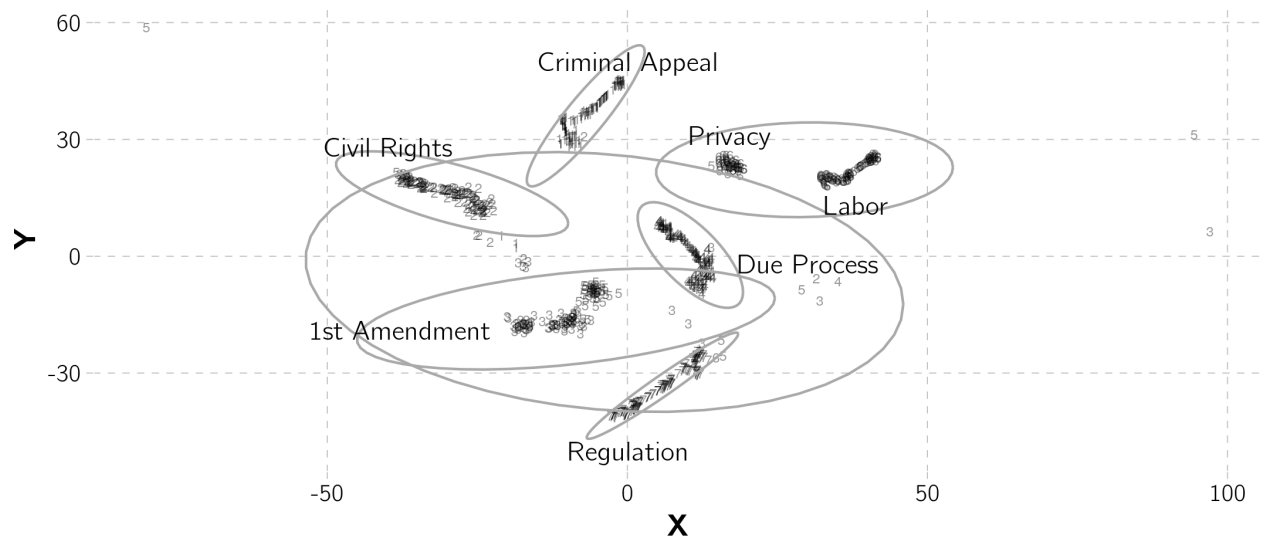


Court Decade, SC & CC Court Decade Vector, Demeaned by Circuit and Big Topic

Chen and Ash 3 (version 1)

**Figure 3.**

Centered by Judge-Year, Averaged by Topic-Year, Labeled by Topic

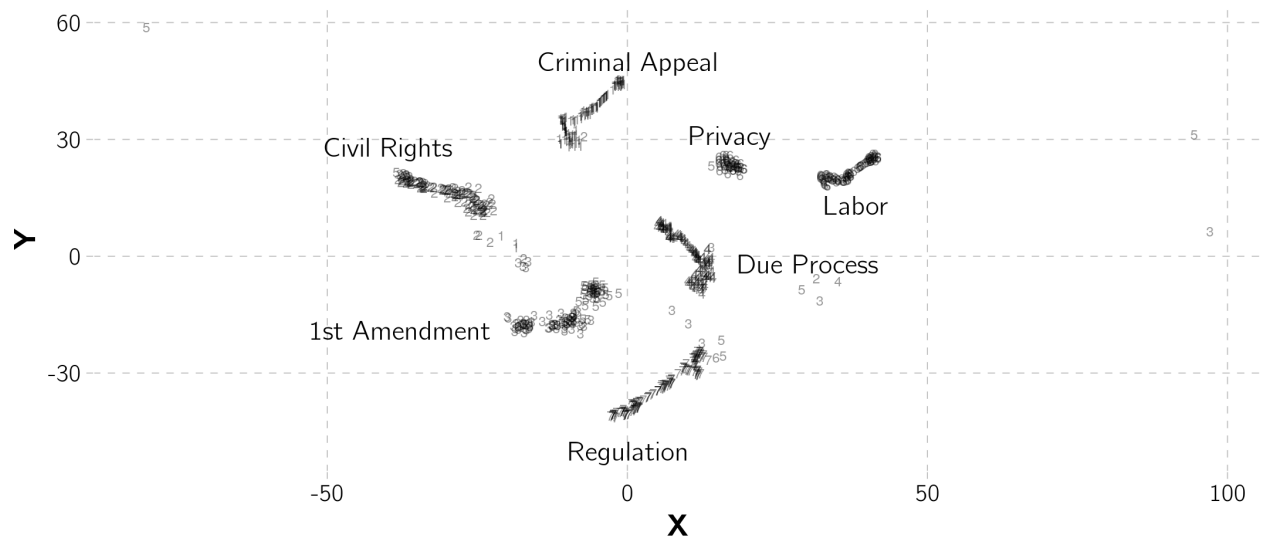


Big Topics and Year, SC and CC Topic Year Vector, Demeaned by Judge & Year  
\*Ellipses represent a confidence measurement for the clusters (Version 1)

Chen and Ash 3 (version 2)

**Figure 3.**

Centered by Judge-Year, Averaged by Topic-Year, Labeled by Topic

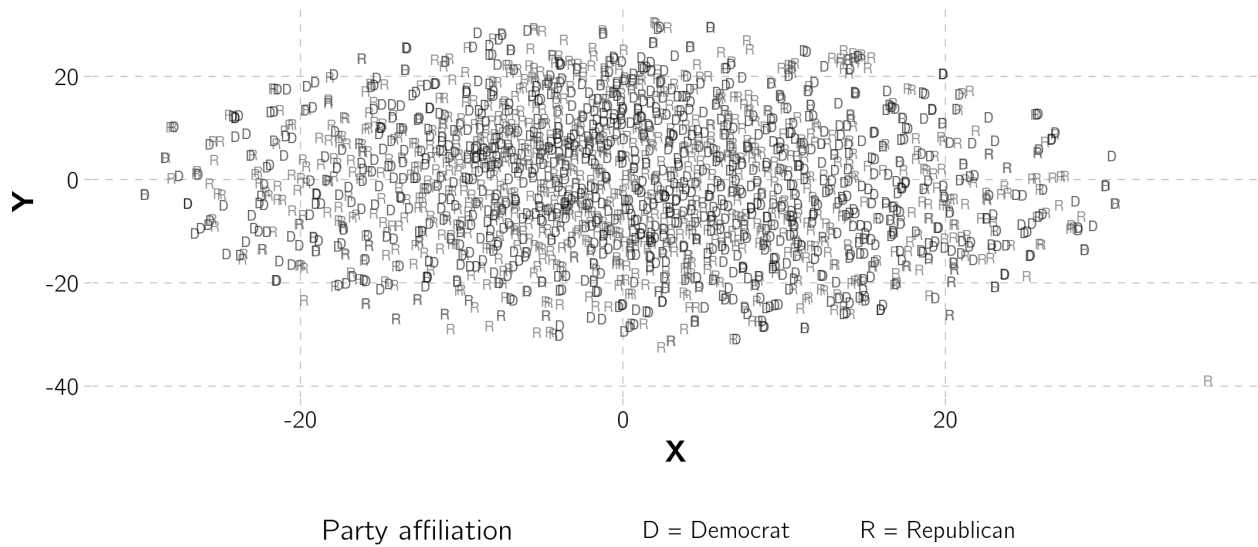


Big Topics and Year, SC and CC Topic Year Vector, Demeaned by Judge & Year  
\*Ellipses represent a confidence measurement for the clusters (Version 1)

Chen and Ash 4 (version 1)

**Figure 4.**

Centered by Court-Topic-Year, Averaged by Judge, Labeled by Political Party

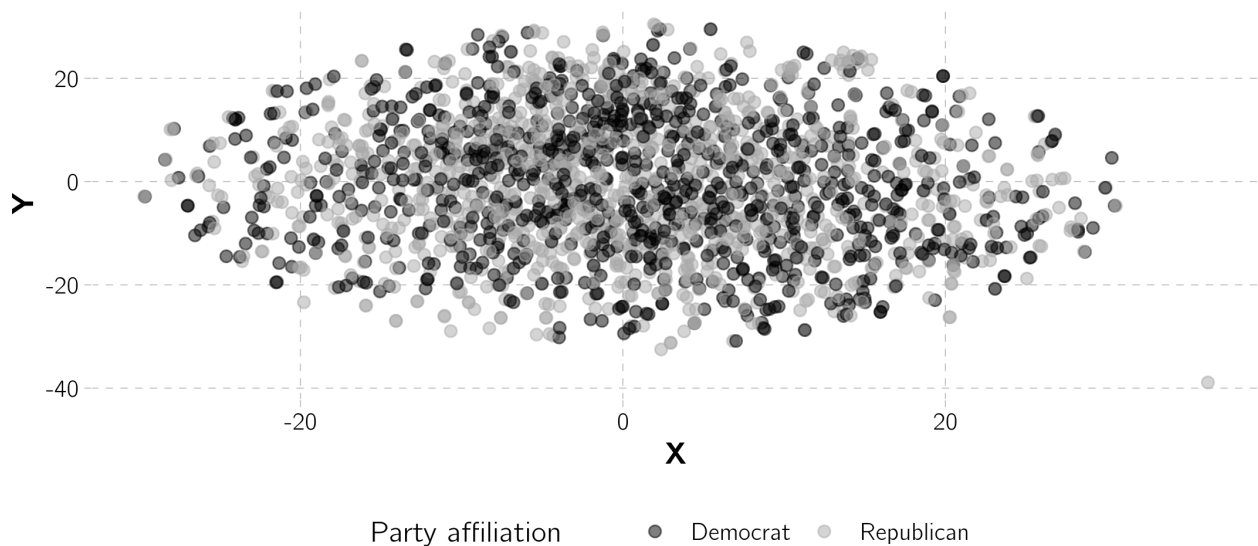


Party affiliation, SC & CC Judge Vector, Demeaned by Circuit, Big Topics, and year

Chen and Ash 4 (version 2)

**Figure 4.**

Centered by Court-Topic-Year, Averaged by Judge, Labeled by Political Party



Party affiliation, SC & CC Judge Vector, Demeaned by Circuit, Big Topics, and year