

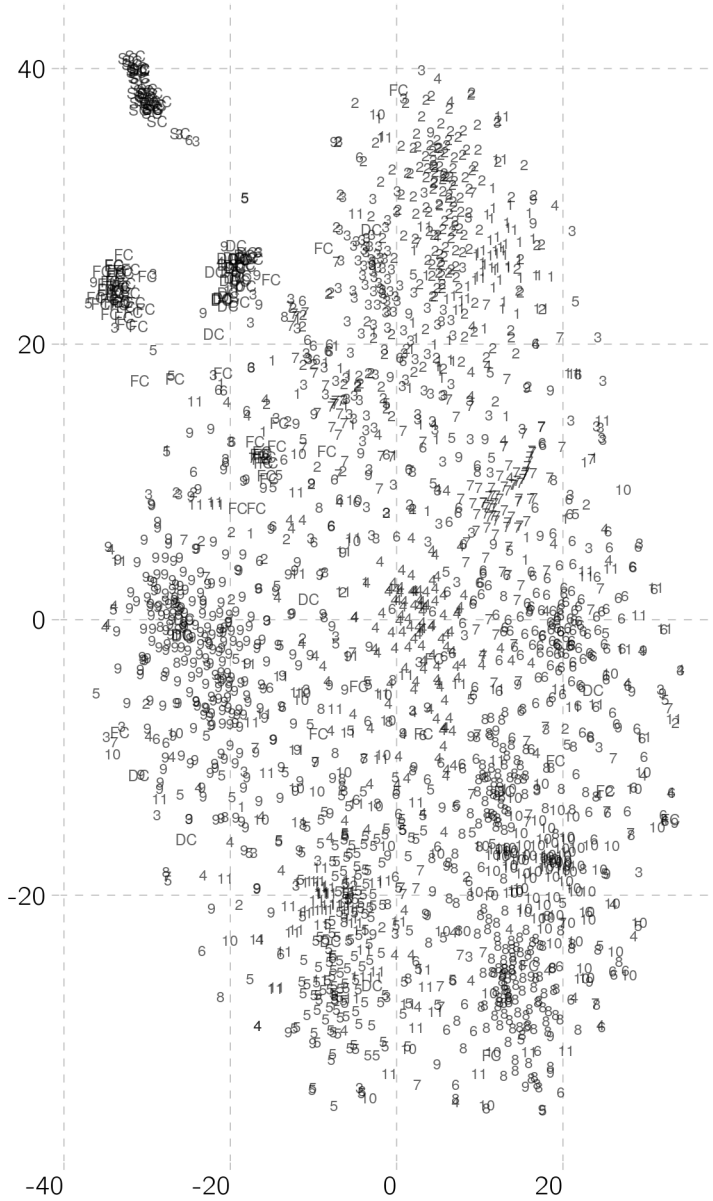
# Chen and Ash

Figures

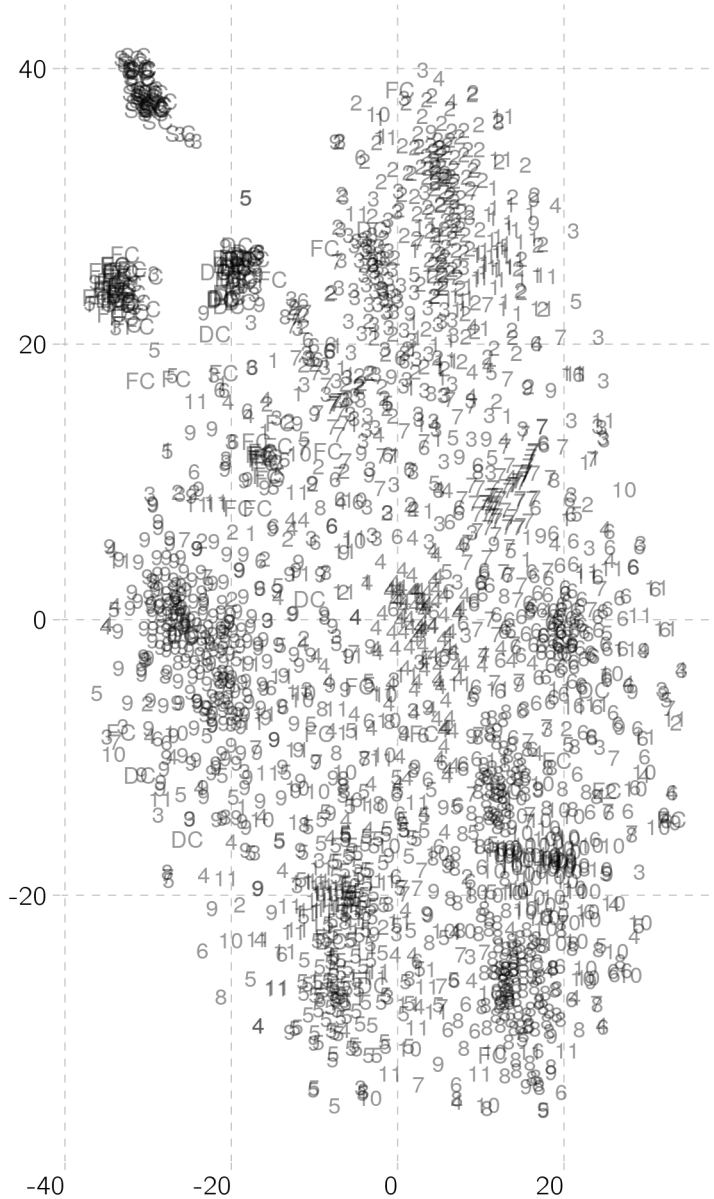
Oct 19th 2018

*This markdown is for Chen and Ash figures.*

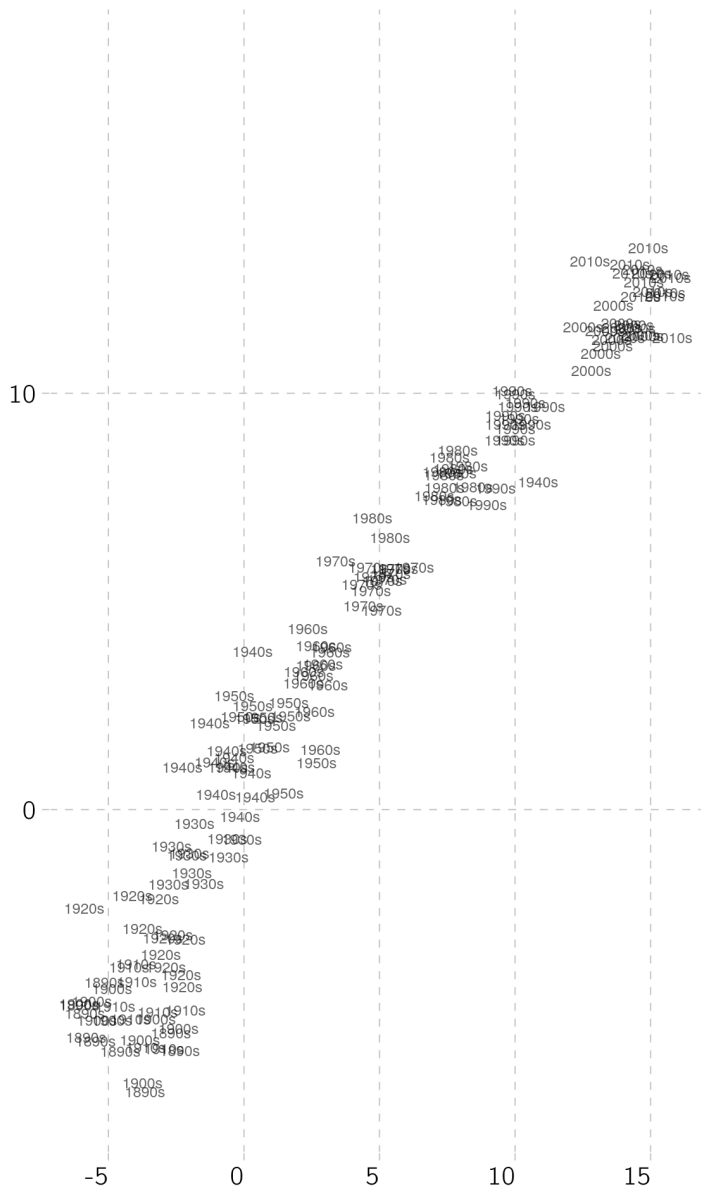
**Figure 1: Centered by Topic-Year, Average**  
Circuit, CC Judge Vector, Demeaned by Year and Big



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Circuit, CC Judge Vector, Demeaned by Year and Big



**Figure 2.**  
Centered by Court Topic, Averaged by Court-Year, La



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

**Figure 2.**

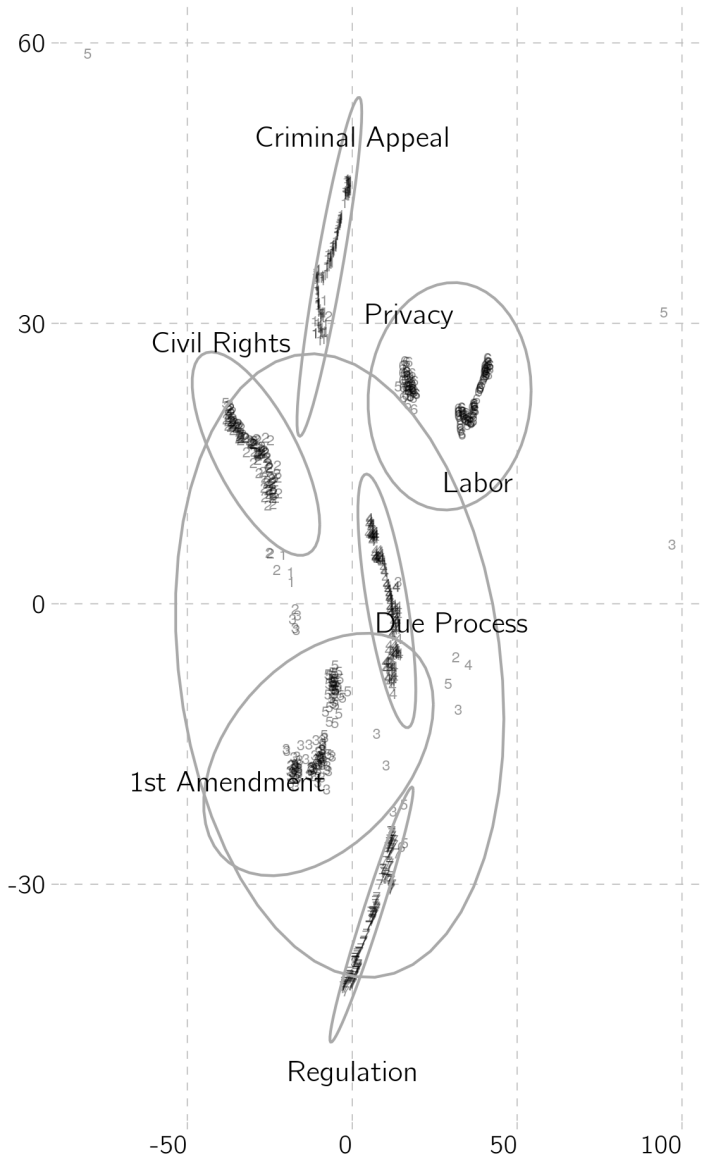
Centered by Court Topic, Averaged by Court-Year, La



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

**Figure 3.**

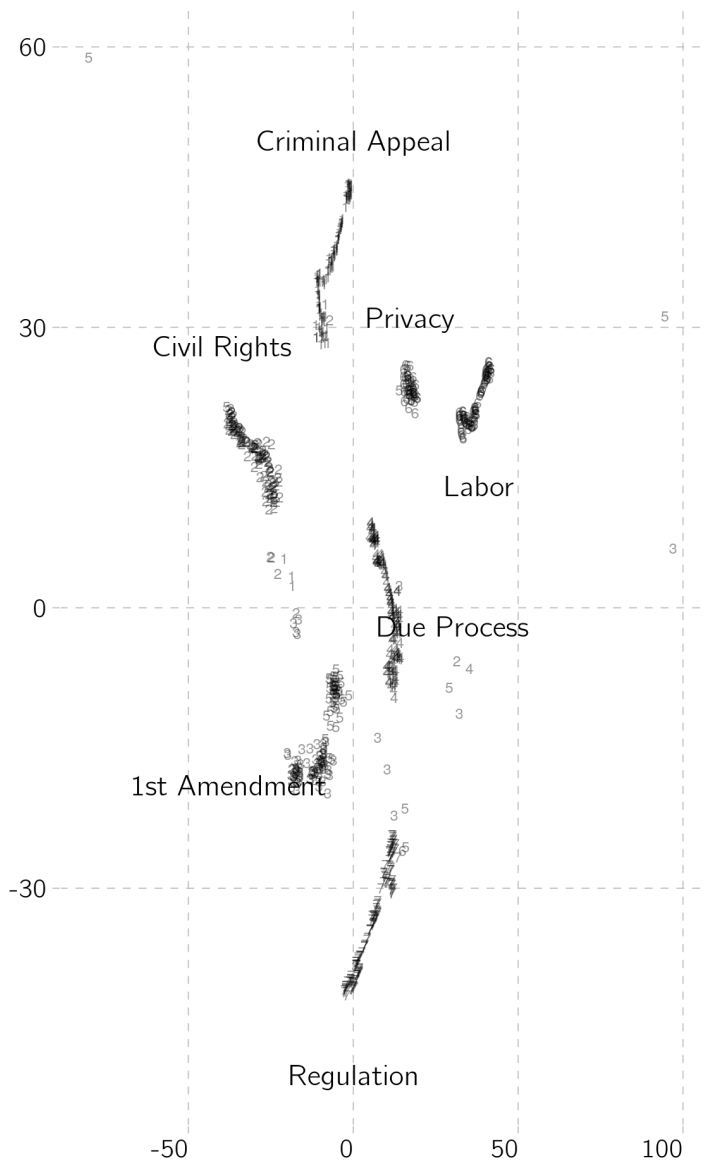
Centered by Judge-Year, Averaged by Topic-Year, La



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

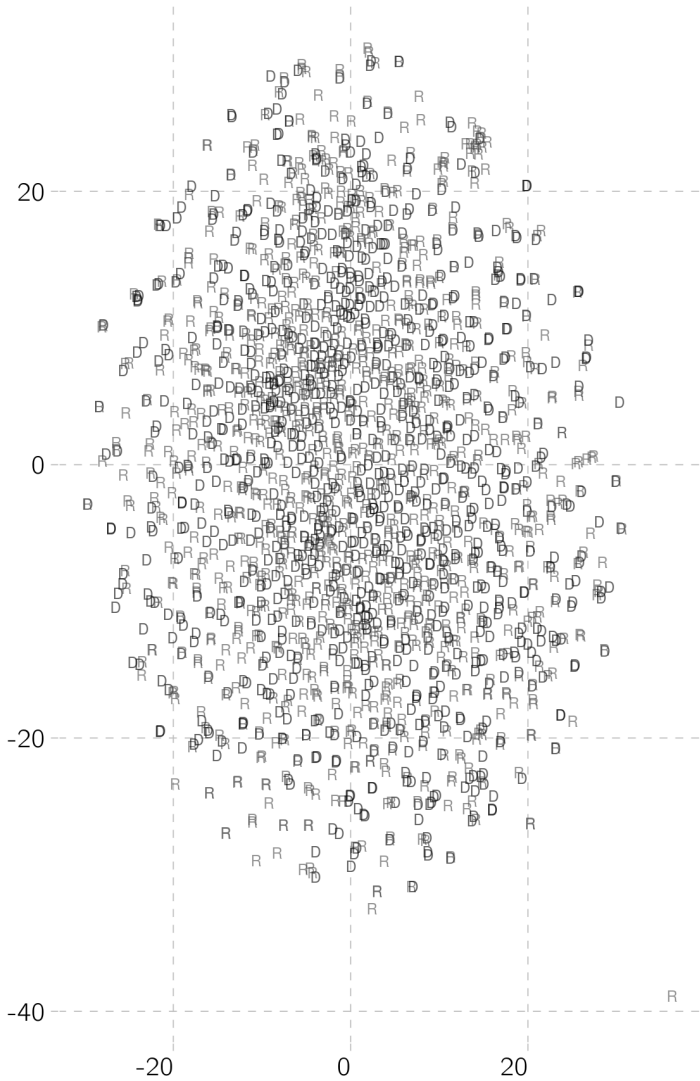
**Figure 3.**

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



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

**Figure 4.**  
Centered by Court-Topic-Year, Averaged by Judge, L

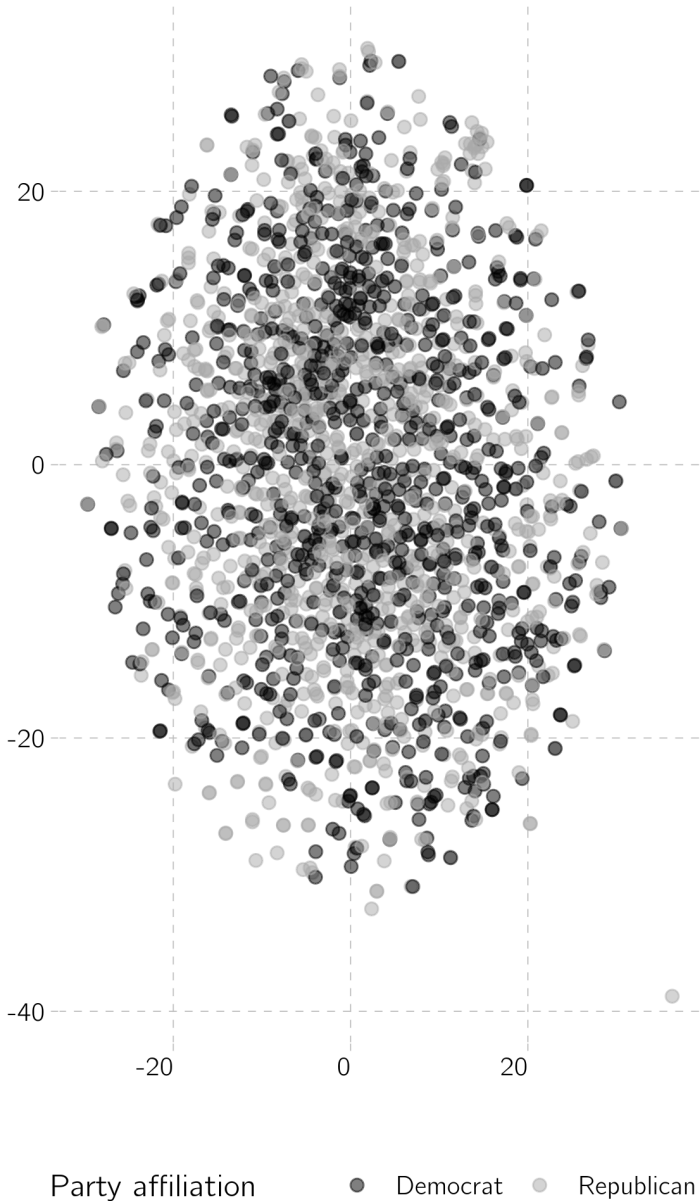


Party affiliation      D = Democrat      R = Republican

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



**Figure 4.**  
Centered by Court-Topic-Year, Averaged by Judge, L



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