"LAW AS DATA"

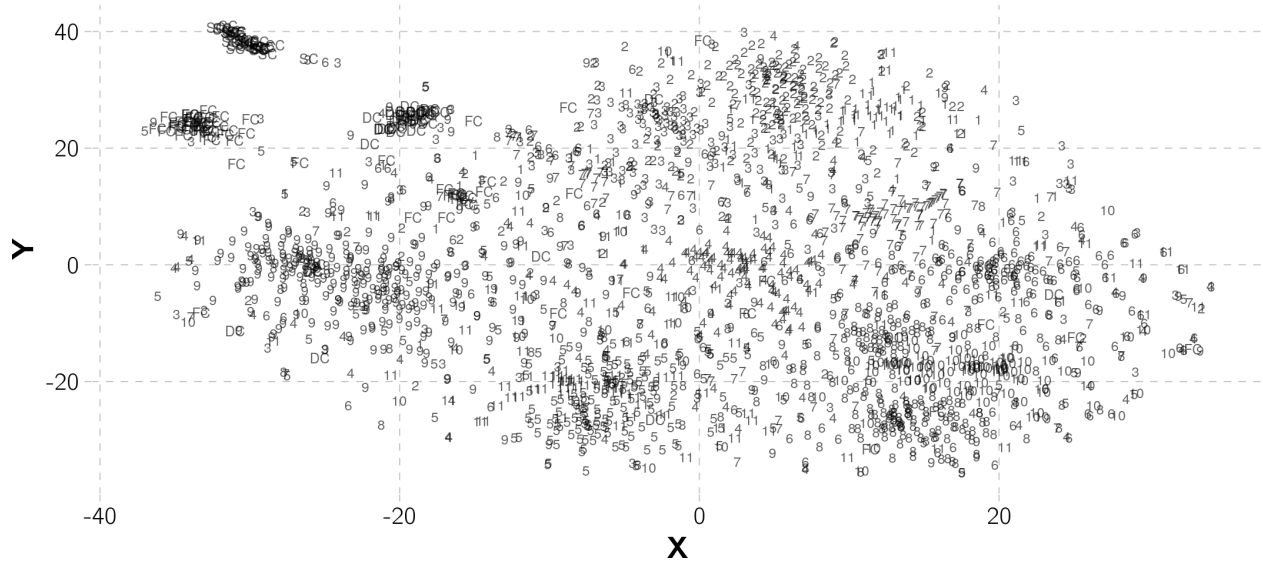**Chen and Ash and AshFigures**

This markdown is for Copus figures.

Chen and Ash 1 (version 1)

Figure 1: Centered by Topic-Year, Averaged by Judge, Labeled by Court

Circuit, CC Judge Vector, Demeaned by Year and Big Topic

Chen and Ash 1 (version 2)

Figure 1: Centered by Topic-Year, Averaged by Judge, Labeled by Court

Circuit, CC Judge Vector, Demeaned by Year and Big Topic

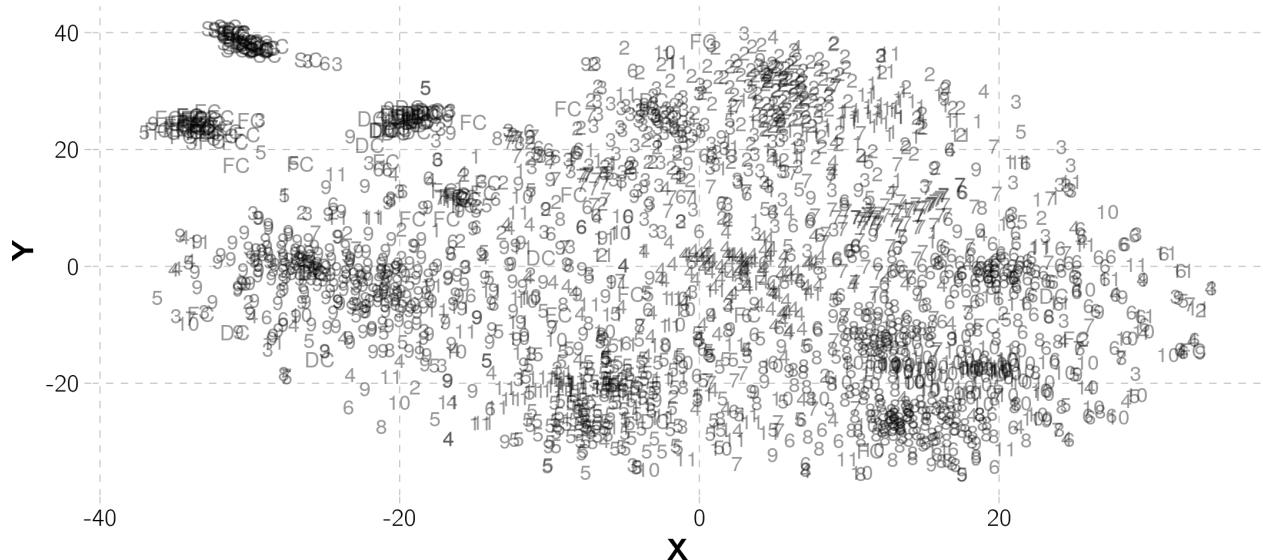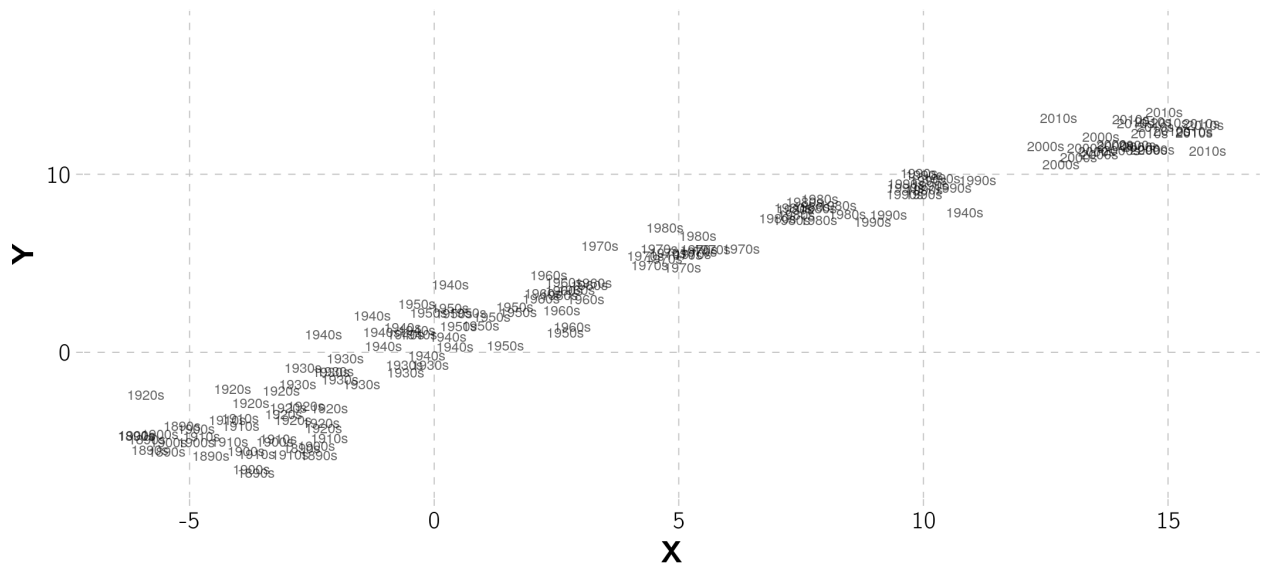*Chen and Ash 2 (version 1)*

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
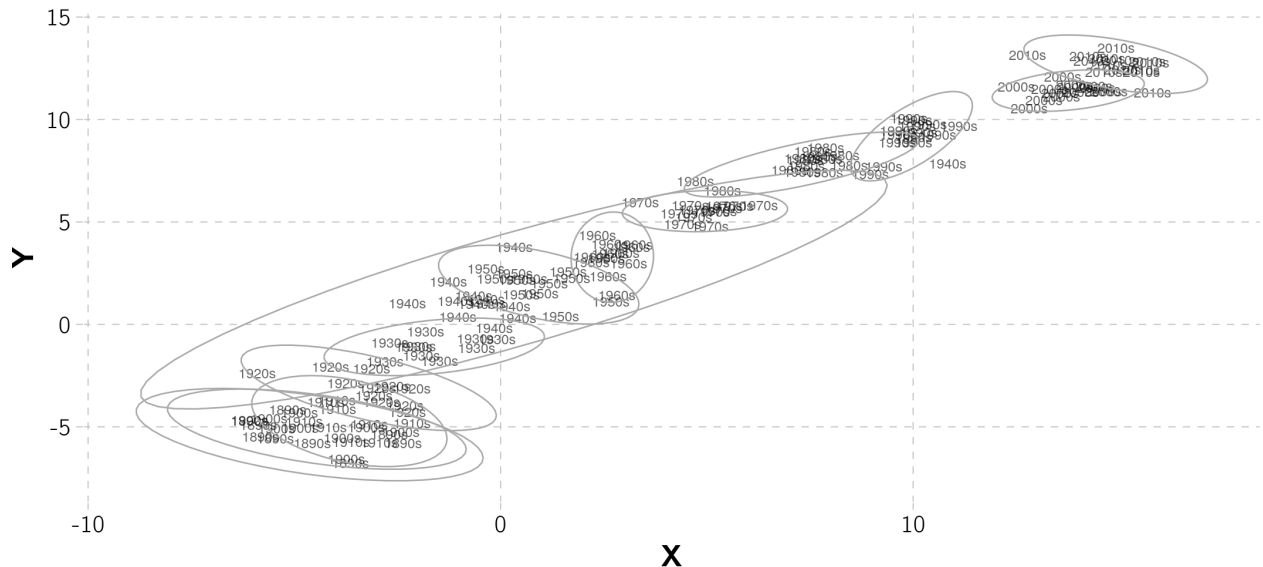
Chen and Ash 2 (version 2)

Figure 2.
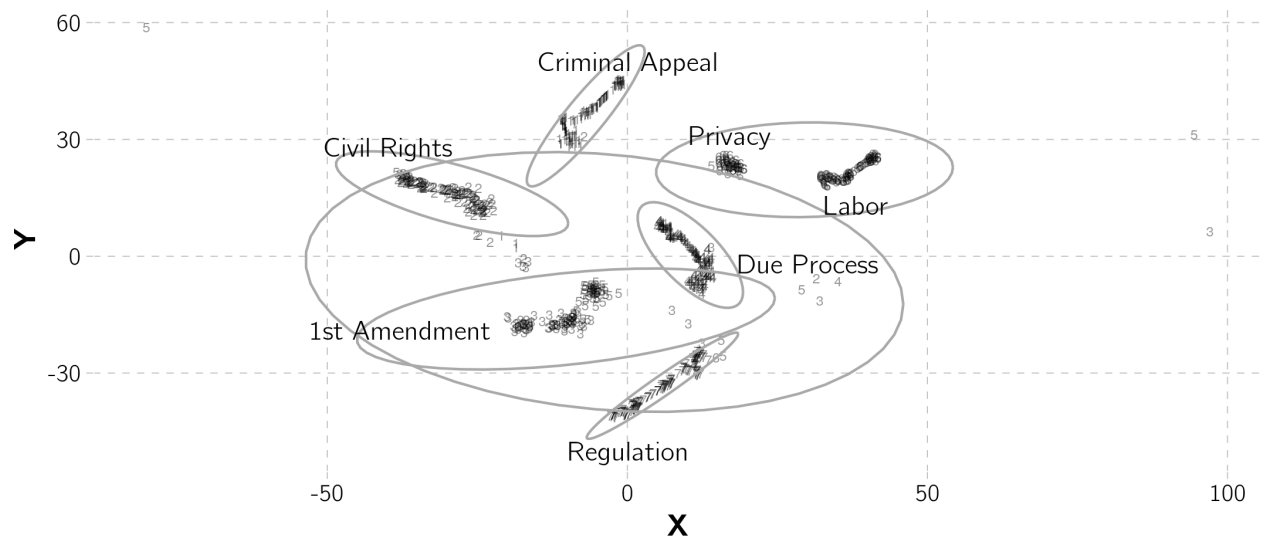Centered by Court Topic, Averaged by Court-Year, Labeled by Decade

Court Decade, SC & CC Court Decade Vector, Demeaned by Circuit and Big Topic
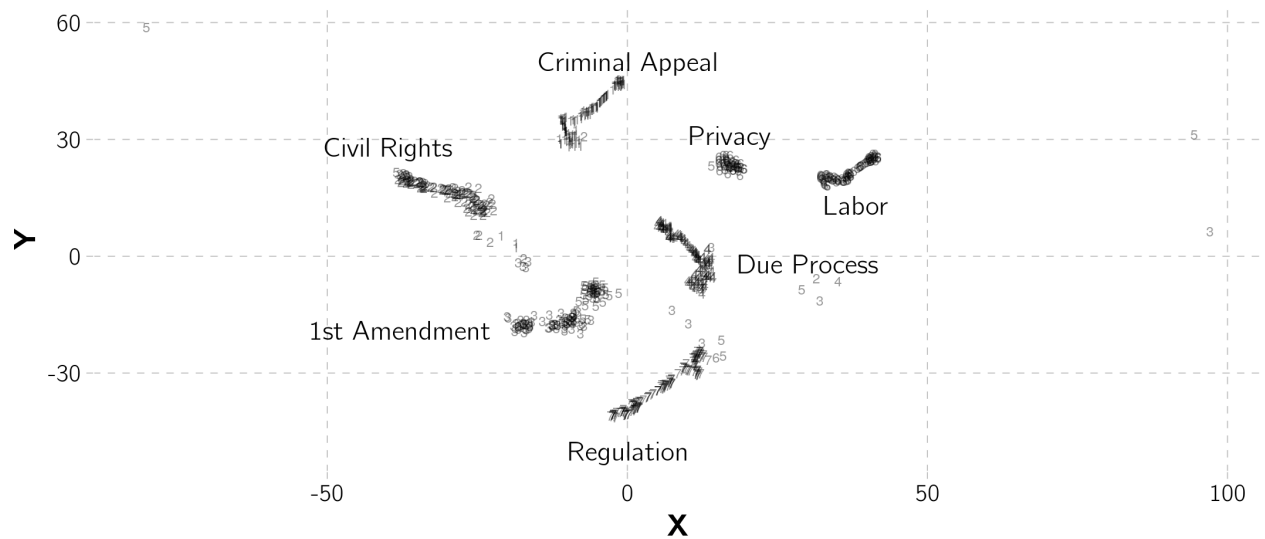
Chen and Ash 3 (version 1)

Figure 3.

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

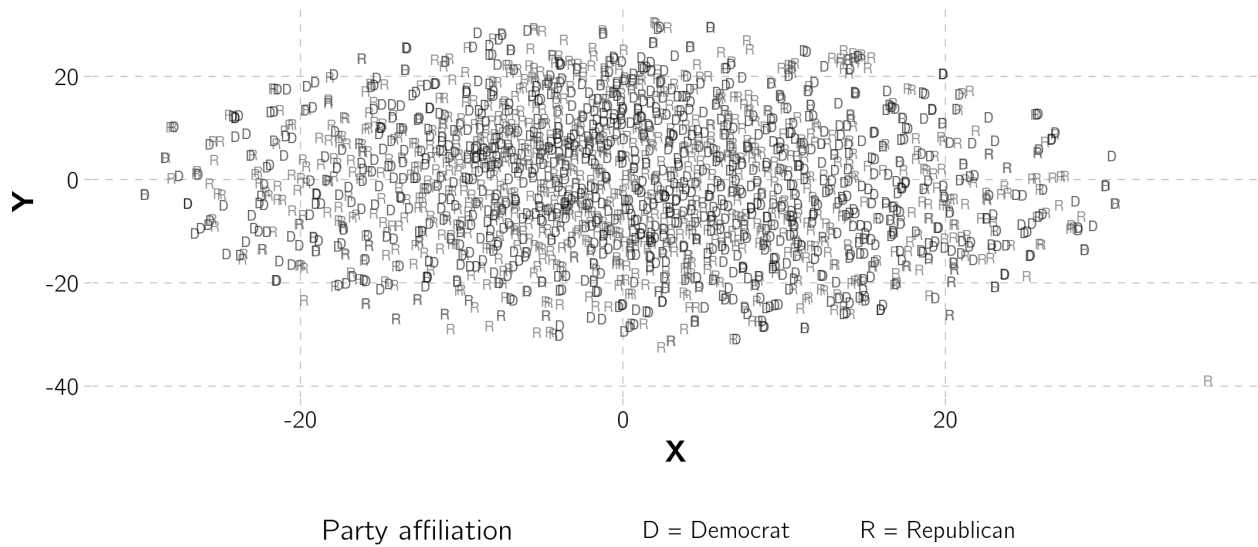Big Topics and Year, SC and CC Topic Year Vector, Demeaned by Judge & Year
*Ellipses represent a confidence measurement for the clusters (Version 1)

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

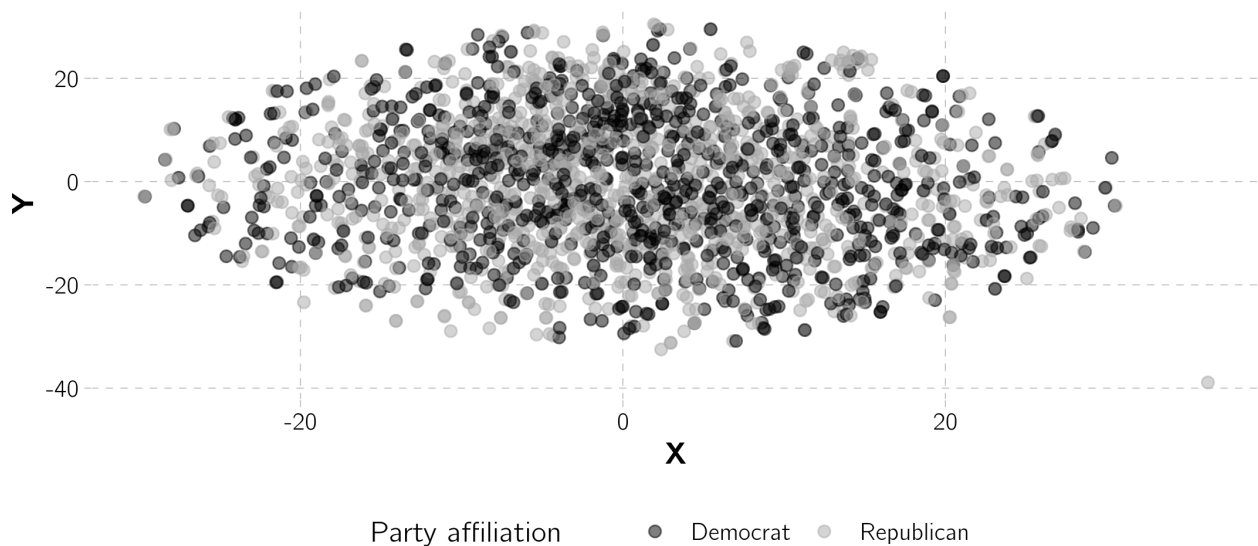Party affiliation   D = Democrat   R = Republican

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   ● Democrat   ● Republican

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