

WHAT IS PRINCIPAL COMPONENT ANALYSIS(PCA)?

1. QUESTION:

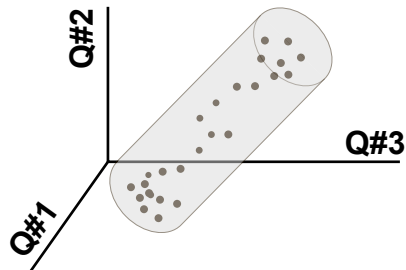
How many factors determine American opinions on Wall Street?

2. EXPR SET-UP:

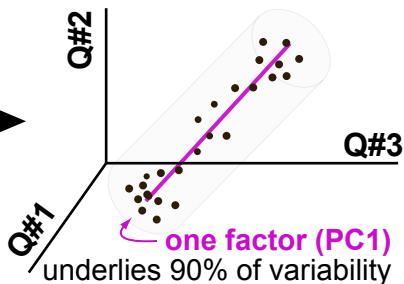
measurements:
3 survey questions

data points:
25 people

3. DATA: 3D shape

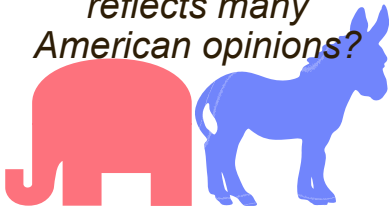


4. PCA: 1D "fit" lines



5. HYPOTHESIS?

What single factor reflects many American opinions?



6. CONFIRMATION:

