\*\*TO GET THE CLEAN ANALYSIS REFER TO THE VARIABLE "RIGHT" LINE (45);

options obs=max;

**proc** **import** datafile="C:\Google drive\data\anes\cumulative20.sav" out=timeser1 dbms = sav replace;

options obs=max;

**data** timeser2;set timeser1;

rename vcf0004= year;\*\* STUDY VARIABLE: Year of Study;

rename vcf0503= dp0;\*\* PARTIES: Democratic Party- Liberal-Conservative Scale;

rename vcf0504= rp0;\*\* PARTIES: Republican Party- Liberal-Conservative Scale;

rename vcf0801= therCons;\*\* This index is constructed from the thermometer score for liberals and conservatives;

rename VCF0212 =thercons;\*\*thermometer score for conservatives 0-96 or perhaps 97 ??? 99- don't know ;

rename VCF0211 =therlib;\*\*thermometer score for liberals ;

rename vcf9080= p0;\*\* ISSUES: President on Liberal-Scale;\*\* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!;

rename VCF0426=therRC; \*\*POLITICAL FIGURE THERMOMETER: Republican Presidential Candidate;

rename VCF0424=therDC; \*\*POLITICAL FIGURE THERMOMETER: Democratic Presidential Candidate';

rename VCF0426=therrc;

rename VCF0424=therdc;

rename VCF0006a=id;

\*\* ISSUES: 0- conservative, 1-health insurance, 2-guaranteed income, 3-aid blacks, 4-service vs spending, 5-defense spending;

rename vcf0806=s1 vcf0809=s2 vcf0830=s3 vcf0839=s4 vcf0843=s5; \*\*s-subject, p-president, dc/rc-democratic/republican candidate;

rename vcf9077=p1 vcf9079=p2 vcf9076=p3 vcf9078=p4 vcf9073=p5;

rename vcf9085=dc1 vcf9087=dc2 vcf9084=dc3 vcf9086=dc4 vcf9081=dc5;

rename vcf9093=rc1 vcf9095=rc2 vcf9092=rc3 vcf9094=rc4 vcf9089=rc5;

rename vcf0140a=edu;\*\*1-eight or less, 7-advanced degree;

rename vcf0114=inc; \*\*1-perce0-16, 5 perc96-100;

rename vcf0115=OCC; \*\*1. Professional and managerial 2. Clerical and sales workers 3. Skilled, semi-skilled and service workers 4. Laborers, except farm 5. Farmers, farm managers, farm laborers and foremen 6. Homemakers;

rename vcf0101=AGE;

rename VCF0105a=race;\*\* 1-white;

rename VCF0803=conself;\*\* IDEOLOGY: Liberal-Conservative Scale:

\*\* VCF0804 IDEOLOGY: Liberal-Conservative Scale 1972- COLLAPSED: 1-3 scale;

rename vcf9080=conpres;\*\* ISSUES: President on Liberal-Scale;

rename vcf9088=condpc;\*\* CANDIDATES: Democratic Presidential Cand- Liberal-Conservative Scale;

rename vcf9096=conrpc;\*\* CANDIDATES: Republican Presidential Cand- Liberal-Conservative Scale;

rename VCF0704=votpres; \*\*1-dem, 2-rep, 3-indep, .-did not;

rename vcf0301=partyid;

**data** timeser3;set timeser2;

array ar(**4**) conself conpres condpc conrpc ;do i=**1** to **4** ; if ar(i) lt **1** or ar(i) gt **7** then ar(i)=**.**; end;

if edu ge **8** then edu=**.**;

if conself le **3** then libcon=-**1**;if conself=**4** then libcon=**0**;if conself ge **5** then libcon=**1**;

extrem=abs(conself-**4**);

difidel=conrpc-condpc;if difidel ge **1** then right=**1**;if difidel le **0** then right=**0**;

\*\*if right=1;\*\* ELIMINATE IGNORANTS WHICH ARE ABOUT HALF; \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!;

/\*\* FOR ANOTHER PAPER

proc sort;by libcon;

proc corr; var conrpc condpc difidel;with extrem;by libcon;run;

proc glm plot=none;model condpc conrpc=extrem edu extrem\*edu;by libcon; run;\*\*ASSIMILATION IS WEAKER AMONG THE MORE EDUCATED;

\*\*\*/

\*\*\*MY METHOD -plot;

**data** oneyear;set timeser3;

\*\*if votpres ge 1 and votpres le 2;\*\*only 6210-1, 6730-2;

\*if year=2020; \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*;

format condpc **4.2** conrpc **4.2**;

**proc** **sort**;by conself;**proc** **means** noprint;var condpc conrpc ;output out=uuu1 mean=mdc mrc stderr=sderrdc sderrrc ;by conself ;**run**;

**data** uuu2;set uuu1;consval=\_n\_;if consval=**1** then consval=**.**;consval=consval-**1**;

**data** uu3;set uuu2; if \_freq\_ le **25** then mdc=**.**;if \_freq\_ le **25** then mrc=**.**; **proc** **print**;**run**;

**proc** **plot** ; plot mdc\*consval; plot mrc\*consval; **run**;

\*\*My method - correlation;

**data** oneyear;set timeser3;

\*if year=2020; \*\* FOR A SPECIFIC YEAR; \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*;

TITLE "1-4 (LIABERALS) -MY METHOD";

**data** consLow;set oneyear;if conself le **4**;**proc** **corr**;var conself conrpc condpc; **run**; \*\*FOR LIBERALS OF ALL YEARS;

TITLE "4-7 (CONSERVATIVES) -MY METHOD";

**data** consHigh;set oneyear;if conself ge **4**;**proc** **corr**;var conself conrpc condpc;**run**; \*\*FOR CONSERVATIVE OF ALL YEARS;

\*\*\*Regression for Fig 3 (the fig of the temporal effect)- FIGURE IN APPENDIX 4;

**data** temporal;set oneyear;

if year ge **1972**;

if year=**1972** then yr=**1**;if year=**1976** then yr=**2**;if year=**1980** then yr=**3**;if year=**1984** then yr=**4**;if year=**1988** then yr=**5**;if year=**1992** then yr=**6**;if year=**1996** then yr=**7**;

if year=**2000** then yr=**8**;if year=**2004** then yr=**9**;if year=**2008** then yr=**10**;if year=**2012** then yr=**11**;if year=**2016** then yr=**12**;if year=**2020** then yr=**13**;

yr=yr-**7**;

**proc** **glm**;absorb yr;model condpc=conself yr yr\*conself; where conself le **4** and conself gt **0**; **run**;

**proc** **glm**;absorb yr;model condpc=conself yr yr\*conself; where conself ge **4**; **run**;

**proc** **glm**;absorb yr;model conrpc=conself yr yr\*conself; where conself ge **4**; **run**;

**proc** **glm**;absorb yr;model conrpc=conself yr yr\*conself; where conself le **4** and conself gt **0**; **run**;

\*\*\*The effect of VOTING - FIGURE 4;

**data** byvoter;set oneyear;

if votpres=**.** then voter=**0**;;if votpres ge **1** and votpres le **2** then voter=**1**;\*\*TAKE OUT VOTERS FOR INDEPENDENT;

**proc** **sort**;by voter;

**proc** **means** mean n stderr;var conrpc ;class conself;by voter; **run**;

**proc** **corr**;var conself conrpc condpc; where conself le **4** and conself gt **0**;by voter; **run**; \*\*FOR LIBERALS OF ALL YEARS;

**proc** **corr**;var conself conrpc condpc;where conself ge **4**;by voter;**run**; \*\*FOR CONSERVATIVE OF ALL YEARS;

**proc** **glm** plot=none; model conrpc condpc=conself voter conself\*voter;where conself le **4** and conself ge **0**;**run**;

**proc** **glm** plot=none; model conrpc condpc=conself voter conself\*voter;where conself ge **4**;**run**;

\*\*The effect of VOTING - INTERACTIONS APPENDIX 4;

**data** voting\_interaction; set byvoter;**proc** **glm** plot=none; model conrpc condpc=conself voter conself\*voter;where conself ge **4**;**run**;

\*\*My method - PIECWISE REG;

**data** spline;set byvoter;

\*if year=2016; \*\* FOR A SPECIFIC YEAR;

if conself gt **4** then do; condpc=**3.269**\***2**-condpc;conrpc=**4.786**\***2**-conrpc; end; \*\*\*3.369 and 4.786 are the mean condpc and conrpc at conself=4;

if conself gt **4** then spld=**1**;

if conself le **4** then spld=**0**;

**proc** **means**;var conrpc;class conself; **run**;

**proc** **means**;var condpc;class conself; **run**;

**proc** **glm** plot=none;model conrpc condpc=conself spld voter conself\*voter spld\*voter; **run**;