READ ME DOCUMENT FOR DATA REPLICATION FILE MATERIALS

"Solving Collective Action Problems under Separated and Shared Powers: The Benefits of Consolidating Executive Budgetary Powers, 1895-1940"
(George A. Krause)

NOTE 1: The SI section statistical analyses employ the data file created & saved at the end of executing the manuscript statistical analyses [i.e., ***execbudinfluence.08-26-2020.REPORTED MODELS.dta***] since it contains variables generated from the ***execbudinfluence.08-26-2020.REPORTED MODELS.REV.comments.do*** Stata program code used to execute the statistical analyses for the manuscript document.

NOTE 2: In some instances, the Stata internal command function performs the operation opposite of the stated direction based on the coding of binary indicators. These instances are ***neither*** coding ***nor*** transcription errors. The appropriate single-tailed hypothesis test is used as the basis for p-values depicted in such tables. These include the following instances where the 'sign flips' between the Stata output and what is reported and interpreted in either the manuscript and Supporting Information document.

- **TABLE SI–I**
- **TABLE SI–3: (Mean) "Difference" entries only for *Plausibility Test # 1***
- **TABLE SI–5A**
- **TABLE SI–6: (Mean) "Difference" entries only for *5A. Evaluate Whether Agency head Tenure is Longer in Pre-Reform Era Than Compared to Post-Reform Era***

I. OVERVIEW OF STATA DATA FILES

- **execbudinfluence.08-26-2020.REPORTED MODELS.dta** [Data Employed to Implement All Statistical Computations in Manuscript: **Tables 1-2; Figures 1-3; Spending Bias Differential**]
- **execbudinfluence.08-26-2020.REPORTED MODELS.REV.comments.dta** [Data Saved Based on Manuscript Program Code: **execbudinfluence.08-26-2020.REPORTED MODELS.do**]
- **Figure 1 Data.02-20-2020.dta** [Data Employed to Construct **Figure 1**]
- **Figure 2 Data.02-20-2020.dta** [Data Employed to Construct **Figure 2**]

- **Figure 3 Data.02-21-2020.dta** [Data Employed to Construct **Figure 3**]

- **execbudinfluence.08-26-2020.SECTIONS 0&2.comments.dta** [Data Employed to Implement All Statistical Computations in in *Supporting Information* Document: *Sections 0 & 2*: **Tables SI0−B & SI−2**]

- **execbudinfluence.08-26-2020.REPORTED MODELS.CONTROL FUNCTION FOR ENDOGENOUS REGRESSOR MODELS.comments.dta** [Data Employed to Implement All Statistical Computations in in *Supporting Information* Document: *Section 4*: **Tables SI−4A & SI−4B**]

- **execbudinfluence.08-26-2020.SI SECTION 5.ALTERNATIVE AGENCY PANEL MODELS.comments.dta** [Data Employed to Implement All Statistical Computations in in *Supporting Information* Document: *Section 5*: **Tables SI−5A, SI−5B, SI−5C**]

II. OVERVIEW OF STATA PROGRAM FILES

- ***execbudinfluence.08-26-2020.REPORTED MODELS.comments.do*** [Program Code for Statistical Estimates Reported in *Manuscript* Document: **Tables 1-2; Figures 1-3**]

- **execbudinfluence.08-26-2020.FIGURES 1-3.03-11-2021.do** [Program Code for Statistical Estimates Used to Construct Graphics in *Manuscript* Document: **Figures 1-3**]

- **execbudinfluence.10-18-2020.FIGURE 1.SPENDING BIAS DIFFERENTIALS.03-10-2021.do** [Program Code for Statistical Estimates Used to Discuss Spending Bias Differential in *Manuscript* Document]

- **execbudinfluence.08-26-2020.SI SECTIONS 0&2.DESCRIPTIVE STATISTICS & RDD MANIPULATION TESTS.comments.do** [Program Code for Statistical Estimates Reported in *Supporting Information* Document: *Sections 0 & 2*: **Tables SI0−B & SI−2**]

- ***execbudinfluence.08-26-2020.SECTION 1.ASSSESSING POTENTIAL CONFOUNDING PRE-BAA EFFECTS.comments.do*** [Program Code for Statistical Estimates Reported in *Supporting Information* Document: *Section 1*: **Table SI−1**]

- ***execbudinfluence.08-26-2020.SI SECTION 3.AGENCY DESIGN DIFFERENCES.comments.do*** [Program Code for Statistical Estimates Reported in *Supporting Information* Document: *Section 3*: **Table SI–3**]

- ***execbudinfluence.08-26-2020.SECTION 4.CONTROL FUNCTION APPROACH FOR ENDOGENOUS EBI EFFECTS.comments.do*** [Program Code for Statistical Estimates Reported in *Supporting Information* Document: *Section 4*: **Tables SI–4A & SI–4B**]

- ***execbudinfluence.08-26-2020.SI SECTION 5.ALTERNATIVE AGENCY PANEL MODELS.comments.do*** [Program Code for Statistical Estimates Reported in *Supporting Information* Document: *Section 5*: **Tables SI–5A, SI–5B, SI–5C**]

- ***execbudinfluence.02-10-2020.SECTION 6.ALTERNATIVE EXPLANATIONS FOR AGENCY HEAD TENURE EFFECTS.comments.do*** [Program Code for Statistical Estimates Reported in *Supporting Information* Document: *Section 6*: **Tables SI–6 & SI–Page 21 Discussion**]

III. OVERVIEW OF STATA OUTPUT FILES

Each Stata output (****.smcl***) file corresponds to a Stata program (****.do***) file for the following Sets of Statistical Analyses:

- ***execbudinfluence.08-26-2020.REPORTED MODELS.comments.smcl*** [Statistical Estimates Reported in *Manuscript* Document: **Tables 1-2; Figures 1-3**]

- **execbudinfluence.08-26-2020.FIGURES 1-3.03-11-2021.smcl** [Statistical Estimates Used to Construct Graphics in *Manuscript* Document: **Figures 1-3**]

- **execbudinfluence.10-18-2020.FIGURE 1.SPENDING BIAS DIFFERENTIALS.03-10-2021.smcl** [Statistical Estimates Used to Discuss Spending Bias Differential in *Manuscript* Document]

- **execbudinfluence.08-26-2020.SI SECTIONS 0&2.DESCRIPTIVE STATISTICS & RDD MANIPULATION TESTS.comments.smcl** [Statistical Estimates Reported in *Supporting Information* Document: *Sections 0 & 2*: **Tables SI0–B & SI–2**]

- ***execbudinfluence.08-26-2020.SECTION 1.ASSSESSING POTENTIAL CONFOUNDING PRE-BAA EFFECTS.comments.smcl*** [Statistical Estimates Reported in *Supporting Information* Document: *Section 1*: **Table SI–1**]

- ***execbudinfluence.08-26-2020.SI SECTION 3.AGENCY DESIGN DIFFERENCES.comments.smcl*** [Statistical Estimates Reported in *Supporting Information* Document: *Section 3*: **Table SI–3**]

- ***execbudinfluence.08-26-2020.SECTION 4.CONTROL FUNCTION APPROACH FOR ENDOGENOUS EBI EFFECTS.comments.smcl*** [Statistical Estimates Reported in *Supporting Information* Document: *Section 4*: **Tables SI–4A & SI–4B**]

- ***execbudinfluence.08-26-2020.SI SECTION 5.ALTERNATIVE AGENCY PANEL MODELS.comments.smcl*** [Statistical Estimates Reported in *Supporting Information* Document: *Section 5*: **Tables SI–5A, SI–5B, SI–5C**]

- ***execbudinfluence.02-10-2020.SECTION 6.ALTERNATIVE EXPLANATIONS FOR AGENCY HEAD TENURE EFFECTS.comments.smcl*** [Statistical Estimates Reported in *Supporting Information* Document: *Section 6*: **Tables SI–6 & SI–Page 21 Discussion**]

IV. OVERVIEW OF STATA GRAPHICS FILES [FIGURES 1-3]

Each Stata output (*.smcl) file corresponds to a Stata program (*.do) file and Stata database (*.dta) file for the following Sets of Statistical Analyses in **FIGURES 1, 2** & **3** in the *Manuscript* Document:

- ***Figure 1 Data.02-20-2020.dta***

- ***Figure 2 Data.02-20-2020.dta***

- ***Figure 3 Data.02-21-2020.dta***

- ***execbudinfluence.08-26-2020.FIGURES 1-3.03-11-2021.do*** [Stata Program Code files Used to Generate "**BASIC**" Figures as Graphics Files (***.gph***) that are subsequently 'manually' refined using the Stata Graph Editor function for formatting purposes.

- ***execbudinfluence.03-11-2021.FIGURES 1-3.smcl*** [Stata Output files that Executes the Program that Generates the "**BASIC**" Figures as Graphics Files (****.gph***) that are subsequently 'manually' refined using the Stata Graph Editor function for formatting purposes.

GRAPHICS FILES (SEQUENCE/ORDER OF EXECUTION)

- ***BASIC FIGURE 1.03-11-2021.gph*** *[credproportion credpropse]*

- ***BASIC FIGURE 2.03-11-2021.gph***
  [REGMODELPE/REGMODELSE]

- ***BASIC FIGURE 3A.03-11-2021.gph*** *[PE1/LCL1/UCL1]*
- ***BASIC FIGURE 3E.03-11-2021.gph*** *[PE2/LCL2/UCL2]*
- ***BASIC FIGURE 3C.03-11-2021.gph*** *[PE3/LCL3/UCL3]*
- ***BASIC FIGURE 3G.03-11-2021.gph*** *[PE4/LCL4/UCL4]*

- ***BASIC FIGURE 3B.03-11-2021.gph*** *[PE5/LCL5/UCL5]*
- ***BASIC FIGURE 3F.03-11-2021.gph*** *[PE6/LCL6/UCL6]*
- ***BASIC FIGURE 3D.03-11-2021.gph*** *[PE7/LCL7/UCL7]*
- ***BASIC FIGURE 3H.03-11-2021.gph*** *[PE8/LCL8/UCL8]*