SUPPLEMENTARY MATERIALS ("Appendix B") for:

The Repercussions of Realignment: US-China Interdependence and Exchange Rate Politics

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Summary of Diagnostic Tools

With respect to mixing, diagnostics for the models are favorable. To facilitate visual inspection of model convergence, this appendix contains trace plots and running mean plots for each variable. There is no sign of significant trending in either set of plots.

Additionally, I used Gelman-Rubin/Geweke model diagnostics to formally test for non-convergence of the Markov chain. These results were similarly positive. Gelman-Rubin tests were run using three separate chains. In no case was the potential scale reduction factor greater than 1.1

I also ran the Geweke diagnostic tool with selected window proportions of 0.1 and 0.5 to examine various quantiles of the Markov chain. As an additional check, I experimented with setting the proportions at 0.2 and 0.2. The resulting diagnostics statistics were under 2, usually by large margins.

These tests relied on the MCMCpack and coda packages in R.

List of (co)sponsors on the CRFTA and CERORA

Table 1: (Co)sponsors of CRFTA/CERORA)

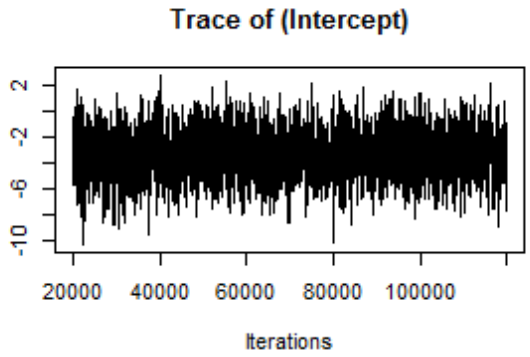
CRFTA: 113 Dem; 46 Rep	**CERORA: 16 Dem; 5 Rep; 1 Ind.**
CRFTA	Ryan, Tim [D-OH17] (original)
Akin, Todd [R-MO2]	Costello, Jerry [D-IL12]
Altmire, Jason [D-PA4]	Courtney, Joe [D-CT2]
Andrews, Robert Rob [D-NJ1]	Critz, Mark [D-PA12]
Arcuri, Michael [D-NY24]	Cummings, Elijah [D-MD7]
Baca, Joe [D-CA43]	Dahlkemper, Kathleen [D-PA3]
Bachus, Spencer [R-AL6]	Davis, Lincoln [D-TN4]
Baldwin, Tammy [D-WI2]	DeFazio, Peter [D-OR4]
Barrett, James J. Gresham [R-SC3]	Delahunt, William Bill [D-MA10]
Barrow, John [D-GA12]	DeLauro, Rosa [D-CT3]
Berkley, Shelley [D-NV1]	Dent, Charles [R-PA15]
Berry, Robert Marion [D-AR1]	Dingell, John [D-MI15]
Bishop, Rob [R-UT1]	Donnelly, Joe [D-IN2]
Bishop, Sanford [D-GA2]	Doyle, Michael Mike [D-PA14]
Blumenauer, Earl [D-OR3]	Duncan, John Jimmy [R-TN2]
Boccieri, John [D-OH16]	Edwards, Thomas Chet [D-TX17]
Boren, Dan [D-OK2]	Ehlers, Vernon [R-MI3]
Boswell, Leonard [D-IA3]	Ellison, Keith [D-MN5]
Boucher, Frederick Rick [D-VA9]	Ellsworth, Brad [D-IN8]
Brady, Robert [D-PA1]	Filner, Bob [D-CA51]
Braley, Bruce [D-IA1]	Foster, Bill [D-IL14]
Brown, Henry [R-SC1]	Fudge, Marcia [D-OH11]
Burton, Dan [R-IN5]	Gerlach, Jim [R-PA6]
Buyer, Stephen Steve [R-IN4]	Green, Al [D-TX9]
Calvert, Ken [R-CA44]	Green, Gene [D-TX29]
Carney, Christopher [D-PA10]	Griffith, Parker [R-AL5]
Cleaver, Emanuel [D-MO5]	Grijalva, Ral [D-AZ7]
Coble, Howard [R-NC6]	Gutirrez, Luis [D-IL4]
Coffman, Mike [R-CO6]	Hall, John [D-NY19]
Connolly, Gerald [D-VA11]	Halvorson, Deborah [D-IL11]
Conyers, John [D-MI14]	Hare, Phil [D-IL17]

Hastings, Alcee [D-FL23]	Markey, Edward Ed [D-MA7]
Heinrich, Martin [D-NM1]	Massa, Eric [D-NY29]
Higgins, Brian [D-NY27]	Matsui, Doris [D-CA5]
Hill, Baron [D-IN9]	McCarthy, Carolyn [D-NY4]
Hinchey, Maurice [D-NY22]	McCollum, Betty [D-MN4]
Hodes, Paul [D-NH2]	McCotter, Thaddeus Thad [R-MI11]
Hoekstra, Peter Pete [R-MI2]	McGovern, James Jim [D-MA3]
Holden, Tim [D-PA17]	McHenry, Patrick [R-NC10]
Holt, Rush [D-NJ12]	McHugh, John [R-NY23]
Hunter, Duncan [R-CA52]	McIntyre, Mike [D-NC7]
Inglis, Bob [R-SC4]	Michaud, Michael [D-ME2]
Jackson, Jesse [D-IL2]	Miller, Bradley Brad [D-NC13]
Johnson, Eddie [D-TX30]	Miller, Candice [R-MI10]
Jones, Walter [R-NC3]	Miller, George [D-CA7]
Kagen, Steve [D-WI8]	Mollohan, Alan [D-WV1]
Kanjorski, Paul [D-PA11]	Murphy, Christopher [D-CT5]
Kaptur, Marcy [D-OH9]	Murphy, Patrick [D-PA8]
Kildee, Dale [D-MI5]	Murphy, Tim [R-PA18]
Kilroy, Mary Jo [D-OH15]	Murtha, John [D-PA12]
Kissell, Larry [D-NC8]	Myrick, Sue [R-NC9]
Kucinich, Dennis [D-OH10]	Norton, Eleanor [D-DC0]
Larson, John [D-CT1]	Olver, John [D-MA1]
LaTourette, Steven [R-OH14]	Owens, William [D-NY23]
Lee, Christopher [R-NY26]	Pascrell, Bill [D-NJ8]
Lipinski, Daniel [D-IL3]	Perriello, Thomas [D-VA5]
Loebsack, David [D-IA2]	Peters, Gary [D-MI9]
Luetkemeyer, Blaine [R-MO9]	Petri, Thomas Tom [R-WI6]
Lynch, Stephen [D-MA9]	Pingree, Chellie [D-ME1]
Maffei, Daniel [D-NY25]	Pitts, Joseph [R-PA16]
Manzullo, Donald [R-IL16]	Platts, Todd [R-PA19]

Rahall, Nick [D-WV3]	Visclosky, Peter [D-IN1]
Richardson, Laura [D-CA37]	Welch, Peter [D-VT0]
Rogers, Harold Hal [R-KY5]	Westmoreland, Lynn [R-GA3]
Rogers, Mike [R-AL3]	Whitfield, Ed [R-KY1]
Rogers, Mike [R-MI8]	Wilson, Charles [D-OH6]
Rohrabacher, Dana [R-CA46]	Wilson, Joe [R-SC2]
Ross, Mike [D-AR4]	Woolsey, Lynn [D-CA6]
Rush, Bobby [D-IL1]	Young, Don [R-AK0]
Salazar, John [D-CO3]	**CERORA**
Snchez, Linda [D-CA39]	Brown, Sherrod [D-OH] (original)
Sanchez, Loretta [D-CA47]	Blumenthal, Richard [D-CT]
Schakowsky, Janice Jan [D-IL9]	Burr, Richard [R-NC]
Schauer, Mark [D-MI7]	Cardin, Benjamin [D-MD]
Sensenbrenner, James [R-WI5]	Casey, Robert [D-PA]
Sestak, Joe [D-PA7]	Collins, Susan [R-ME]
Shea-Porter, Carol [D-NH1]	Conrad, Kent [D-ND]
Sherman, Brad [D-CA27]	Gillibrand, Kirsten [D-NY]
Shuler, Heath [D-NC11]	Graham, Lindsey [R-SC]
Shuster, Bill [R-PA9]	Hagan, Kay [D-NC]
Slaughter, Louise [D-NY28]	Levin, Carl [D-MI]
Souder, Mark [R-IN3]	Manchin, Joe [D-WV]
Space, Zachary Zack [D-OH18]	Menndez, Robert [D-NJ]
Speier, Jackie [D-CA12]	Nelson, Ben [D-NE]
Spratt, John [D-SC5]	Reed, John [D-RI]
Stark, Fortney Pete [D-CA13]	Schumer, Charles [D-NY]
Stupak, Bart [D-MI1]	Sessions, Jefferson [R-AL]
Sutton, Betty [D-OH13]	Snowe, Olympia [R-ME]
Thompson, Glenn [R-PA5]	Stabenow, Debbie [D-MI]
Tonko, Paul [D-NY21]	Whitehouse, Sheldon [D-RI]
Turner, Michael [R-OH3]	Franken, Alan [D-MN]
Upton, Fred [R-MI6]	Rockefeller, John [D-WV]
Sanders, Bernard [I-VT]	

Model 1 Diagnostics

	Gelman-Rubin		Geweke	
	Point Est.	Upper C.I.	1st Window: .2/.2	2nd Window: .1/.5
Intercept	1.00	1.00	-0.02	-0.65
Ideology	1.00	1.00	-0.19	-0.91
Unemployment	1.00	1.00	-1.97	-0.39
Jobs Lost to China	1.00	1.01	0.24	-0.46
Import Penetration	1.00	1.00	-1.33	-1.67
Mfg Employment	1.00	1.00	0.81	0.79
Mfg Income	1.00	1.00	0.45	1.36
Mfg Unionization	1.00	1.00	0.29	-0.39
China Exports	1.00	1.00	-0.46	-0.48
Pro-Realignment $	1.00	1.00	1.24	1.02
Anti-Realignment $	1.00	1.00	-1.31	-1.06
Mfg Inc*Mfg Empl	1.00	1.00	-0.37	-0.71


Trace of (Intercept)
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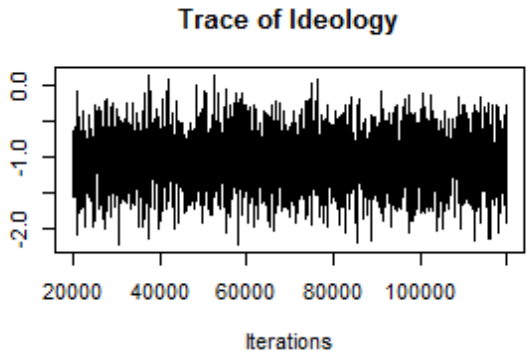
-6
-2
2
20000
40000
60000
80000
100000
Iterations


Trace of Ideology
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-1.0
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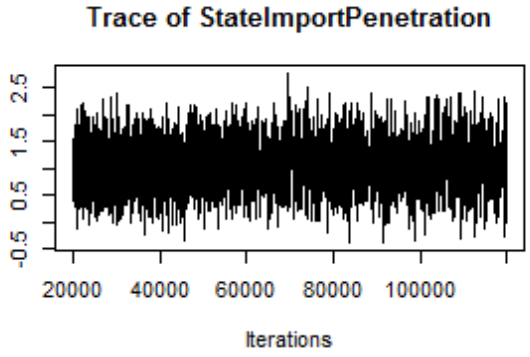
40000
60000
80000
100000
Iterations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1.5
2.5
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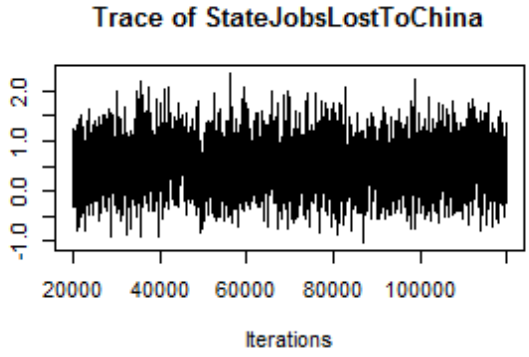
60000
80000
100000
Iterations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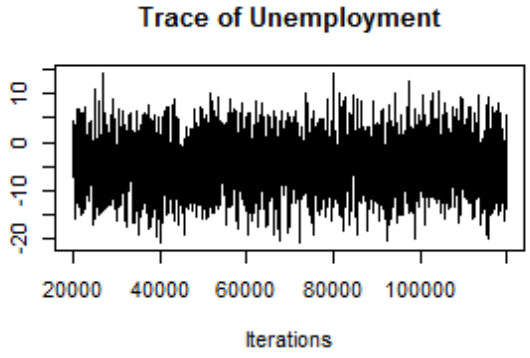
60000
80000
100000
Iterations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10
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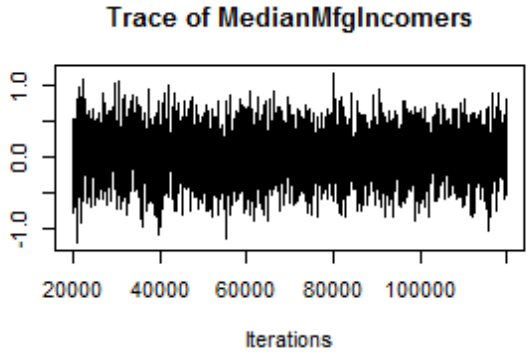
40000
60000
80000
100000
Iterations


Trace of MedianMfgIncomers
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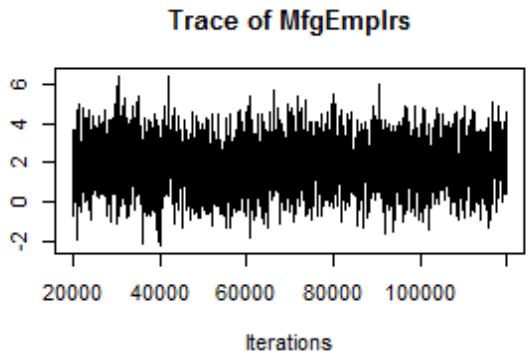
Iterations


Trace of MfgEmpIrs
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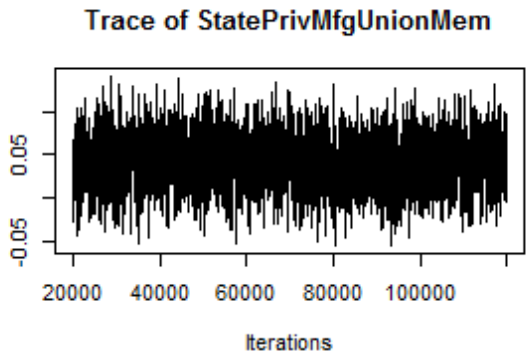
Iterations


Trace of StatePrivMfgUnionMem
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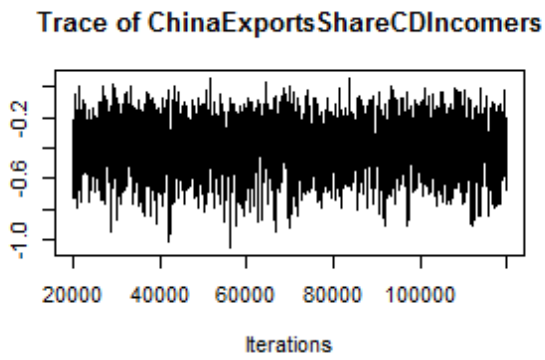
Iterations


Trace of ChinaExportsShareCDIncomers
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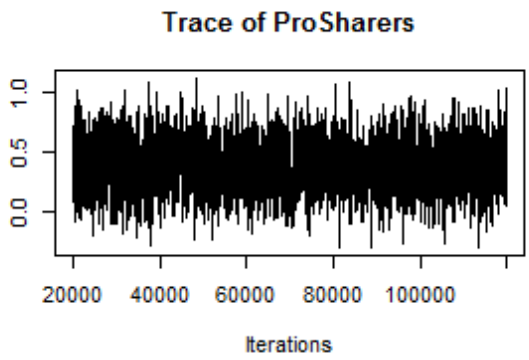
20000 40000 60000 80000 100000
Iterations


Trace of ProSharers
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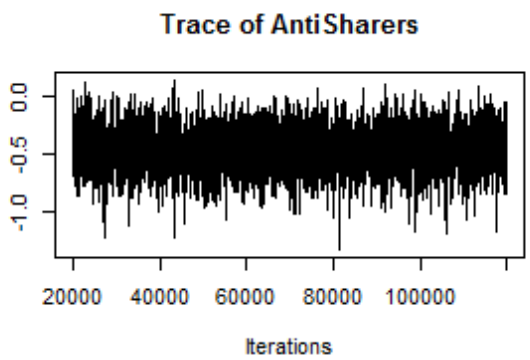
Iterations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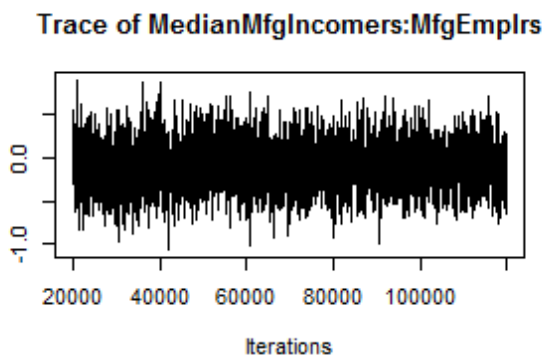
Iterations


Trace of MedianMfgIncomers:MfgEmpIrs
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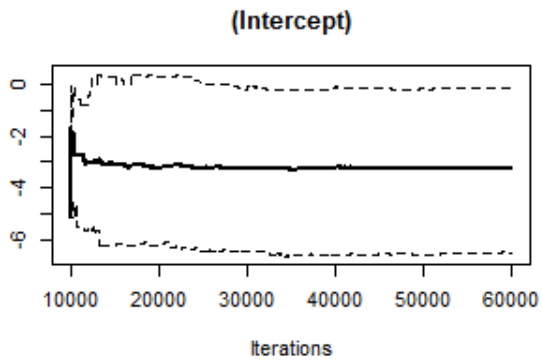
20000 40000 60000 80000 100000
Iterations


(Intercept)
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-6
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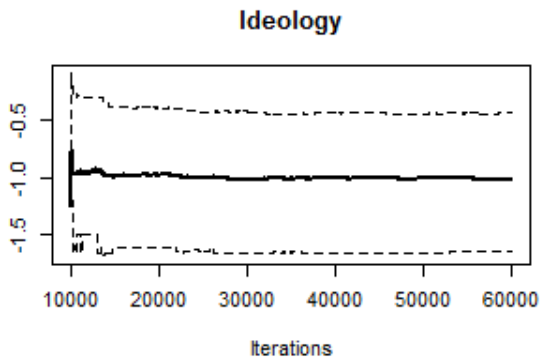
30000
40000
50000
60000
Iterations


Ideology
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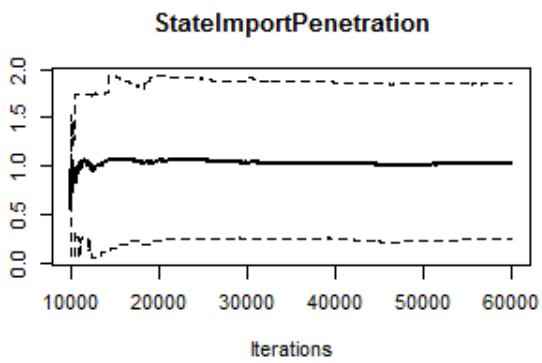
40000
50000
60000
Iterations


StateImportPenetration
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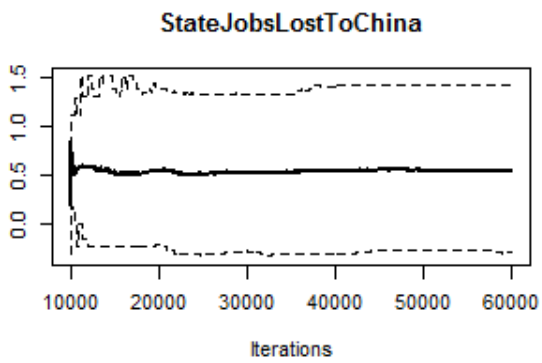
0.5
0.0
10000
20000
30000
40000
50000
60000
Iterations


StateJobsLostToChina
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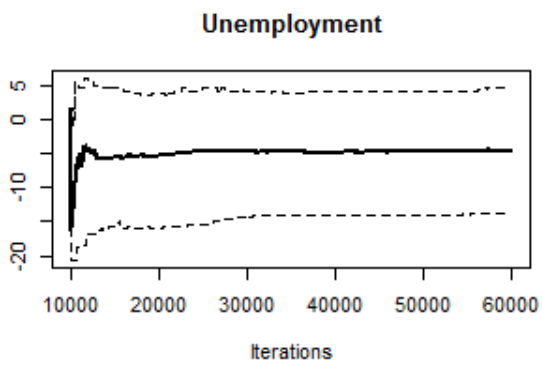
1.0
0.5
0.0
10000
20000
30000
40000
50000
60000
Iterations


Unemployment
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-20
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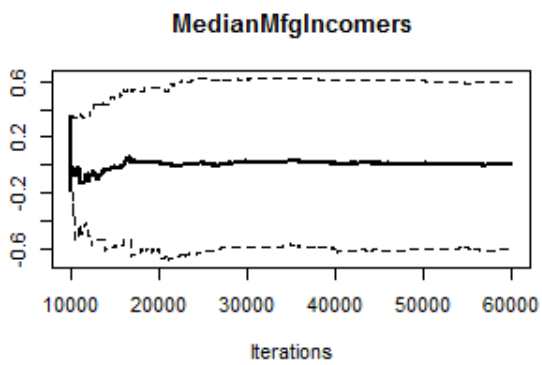
30000
40000
50000
60000
Iterations


MedianMfgIncomers
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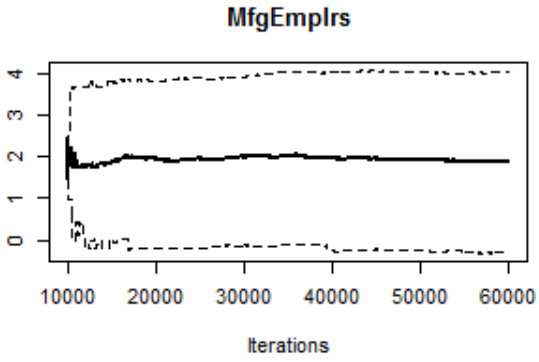
-0.2
-0.6
10000
20000
30000
40000
50000
60000
Iterations


MfgEmpIrs
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2
3
4
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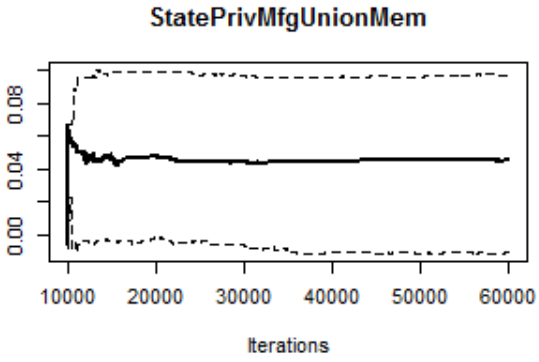
20000
30000
40000
50000
60000
Iterations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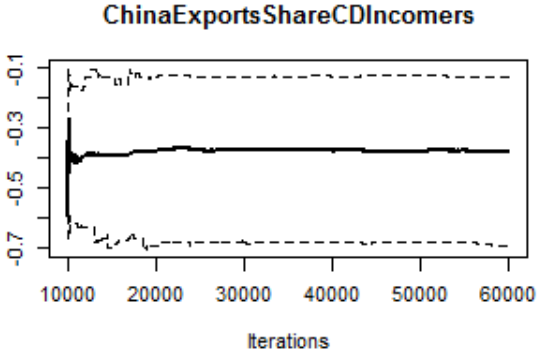
20000
30000
40000
50000
60000
Iterations


ChinaExportsShareCDIncomers
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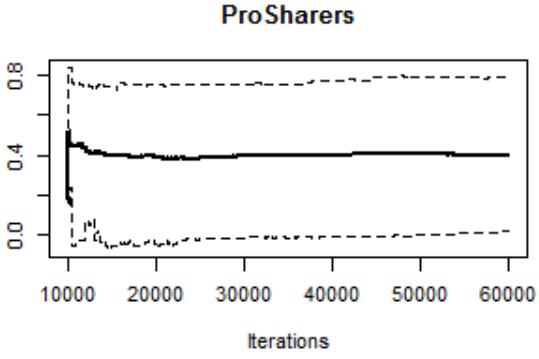
20000
30000
40000
50000
60000
Iterations


ProSharers
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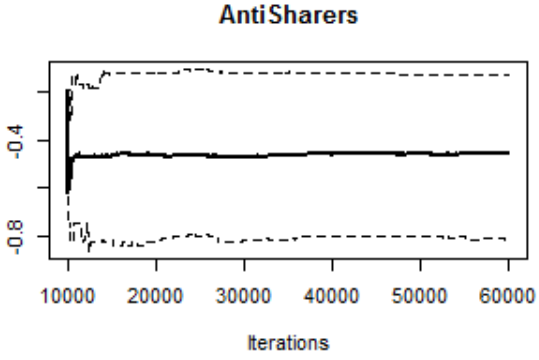
0.8
10000
20000
30000
40000
50000
60000
Iterations


AntiSharers
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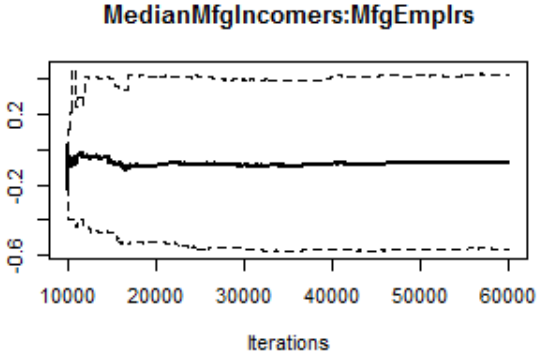
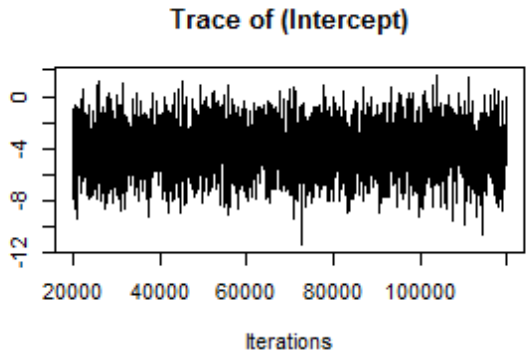
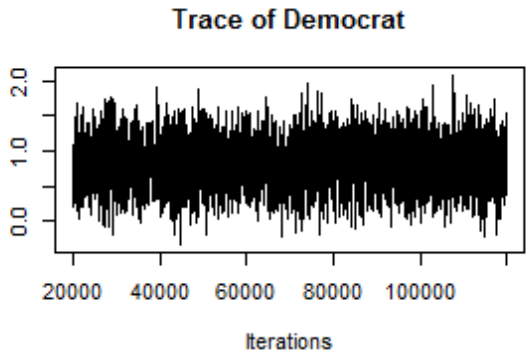
20000
30000
40000
50000
60000
Iterations

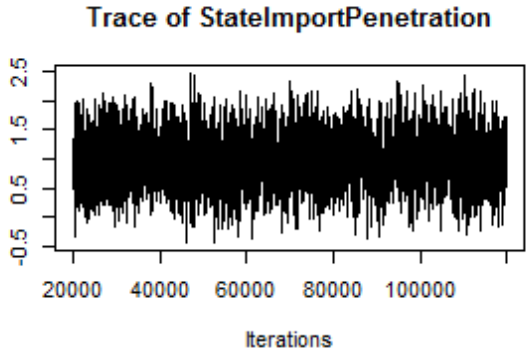

MedianMfgIncomers:MfgEmpIrs
-0.6
-0.2
0.2
10000
20000
30000
40000
50000
60000
Iterations

Model 2 Diagnostics

	Gelman-Rubin		Geweke	
	Point Est.	Upper C.I.	Window: .2, .2	Window: .1, .5
Intercept	1.00	1.00	-0.40	0.31
Democrat	1.00	1.00	0.35	-0.22
Unemployment	1.00	1.00	0.07	-0.01
Jobs Lost to China	1.00	1.00	0.48	0.85
Import Penetration	1.00	1.00	0.31	-0.30
Mfg Employment	1.00	1.00	-0.28	-0.85
Mfg Income	1.00	1.00	0.11	-1.21
Mfg Unionization	1.00	1.00	1.07	1.59
China Exports	1.00	1.00	-0.55	-0.42
Pro-Realignment $	1.00	1.00	-0.18	0.46
Anti-Realignment $	1.00	1.00	-0.77	-0.78
Mfg Inc*Mfg Empl	1.00	1.00	0.13	1.07

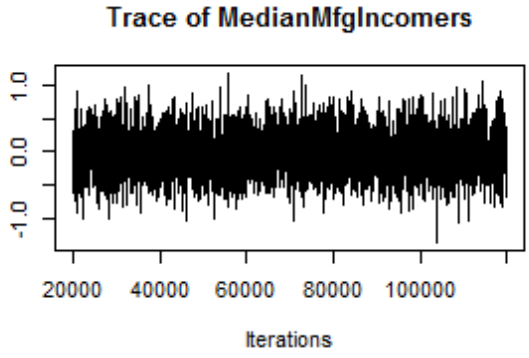

Trace of (Intercept)
-12
-8
-4
0
20000
40000
60000
80000
100000
Iterations

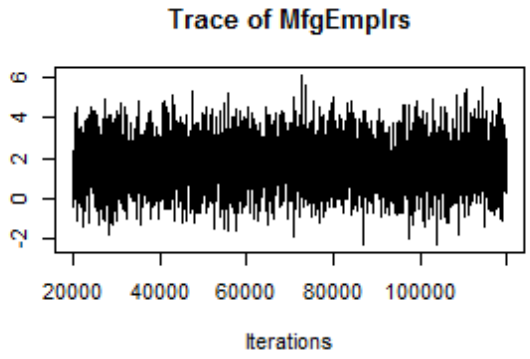

Trace of Democrat
0.0
1.0
2.0
20000
40000
60000
80000
100000
Iterations

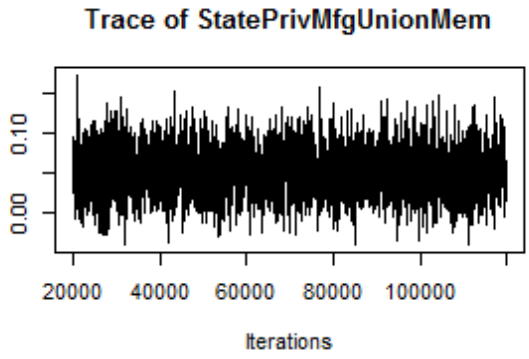

Trace of StateImportPenetration
-0.5
0.5
1.5
2.5
20000
40000
60000
80000
100000
Iterations

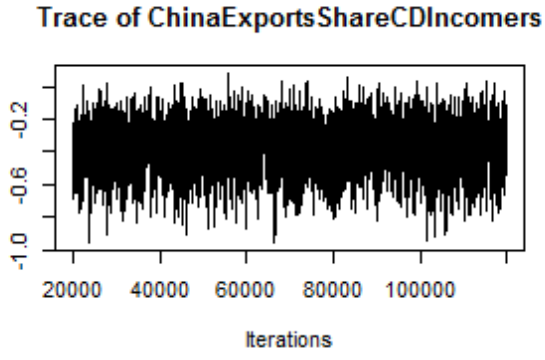
Trace of StateJobsLostToChina
-1.0
0.0
1.0
2.0
20000
40000
60000
80000
100000
Iterations

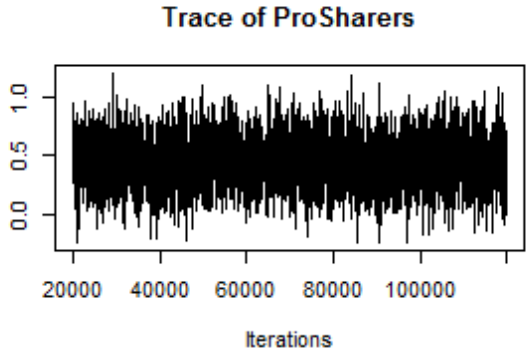
Trace of Unemployment
-20
0
10
20000
40000
60000
80000
100000
Iterations

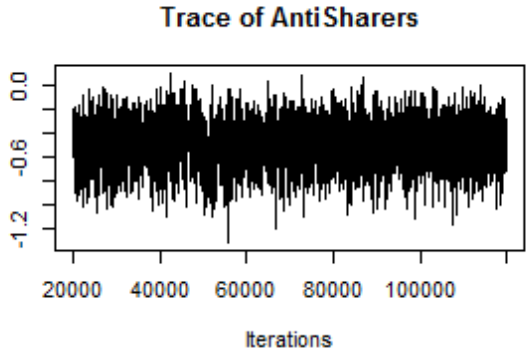

Trace of MedianMfgIncomers
-1.0
0.0
1.0
20000
40000
60000
80000
100000
Iterations

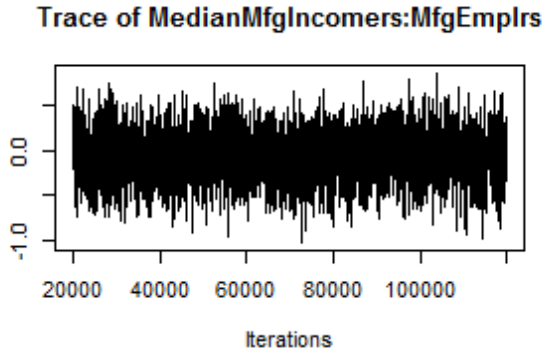

Trace of MfgEmpIrs
-2 0 2 4 6
20000 40000 60000 80000 100000
Iterations

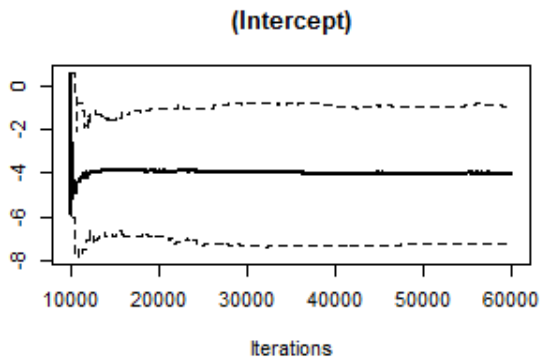

Trace of StatePrivMfgUnionMem
0.00 0.10
20000 40000 60000 80000 100000
Iterations

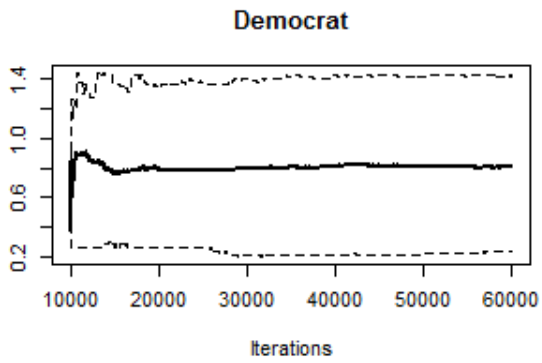

Trace of ChinaExportsShareCDIncomers
-1.0 -0.6 -0.2
20000 40000 60000 80000 100000
Iterations

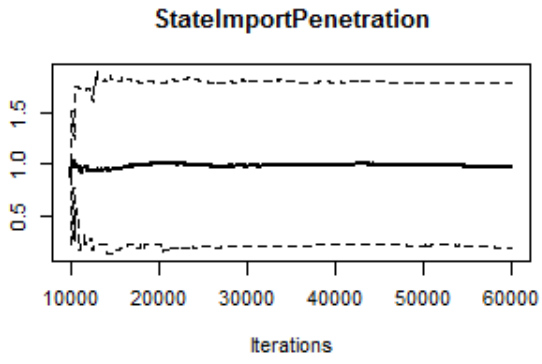

Trace of ProSharers
0.0 0.5 1.0
20000 40000 60000 80000 100000
Iterations

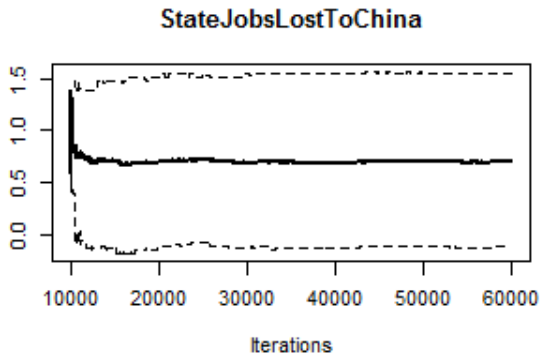

Trace of AntiSharers
-1.2 -0.6 0.0
20000 40000 60000 80000 100000
Iterations

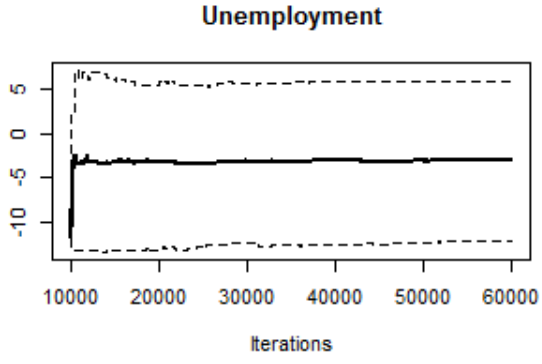

Trace of MedianMfgIncomers:MfgEmpIrs
-1.0 0.0
20000 40000 60000 80000 100000
Iterations

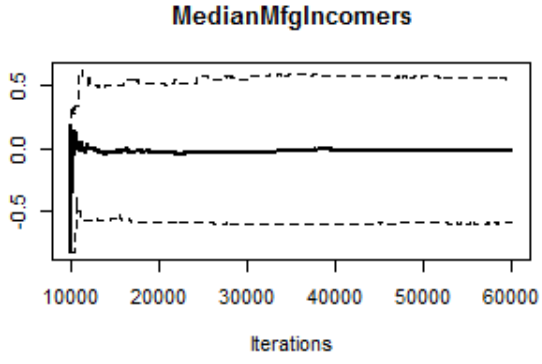

(Intercept)
0
-2
-4
-6
-8
10000
20000
30000
40000
50000
60000
Iterations

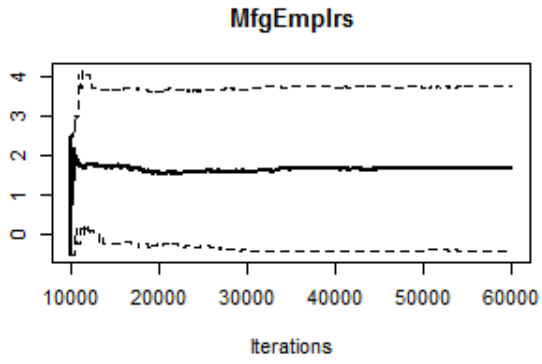

Democrat
1.4
1.0
0.6
0.2
10000
20000
30000
40000
50000
60000
Iterations

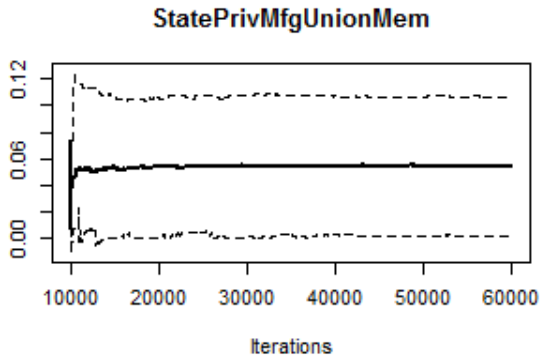

StateImportPenetration
1.5
1.0
0.5
10000
20000
30000
40000
50000
60000
Iterations

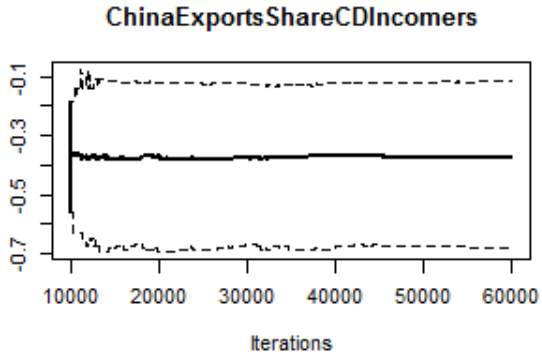

StateJobsLostToChina
1.5
1.0
0.5
0.0
10000
20000
30000
40000
50000
60000
Iterations

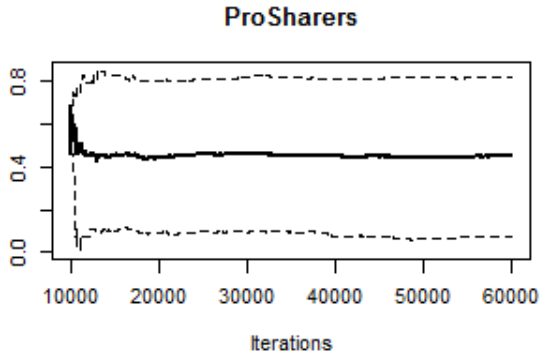

Unemployment
5
0
-5
-10
10000
20000
30000
40000
50000
60000
Iterations

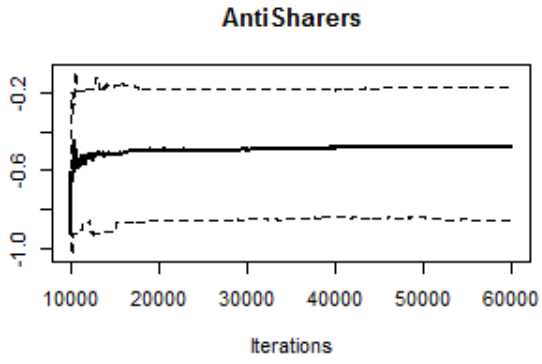

MedianMfgIncomers
0.5
0.0
-0.5
10000
20000
30000
40000
50000
60000
Iterations

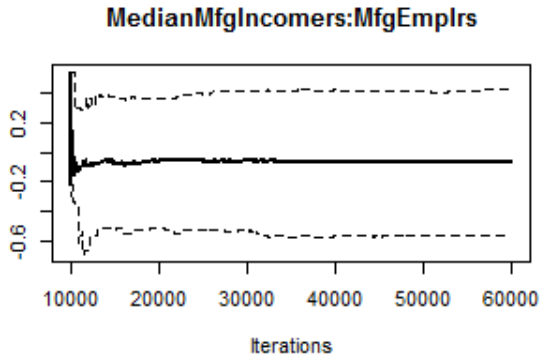

MfgEmpIrs
0
1
2
3
4
10000
20000
30000
40000
50000
60000
Iterations


StatePrivMfgUnionMem
0.00
0.06
0.12
10000
20000
30000
40000
50000
60000
Iterations


ChinaExportsShareCDIncomers
-0.7
-0.5
-0.3
-0.1
10000
20000
30000
40000
50000
60000
Iterations

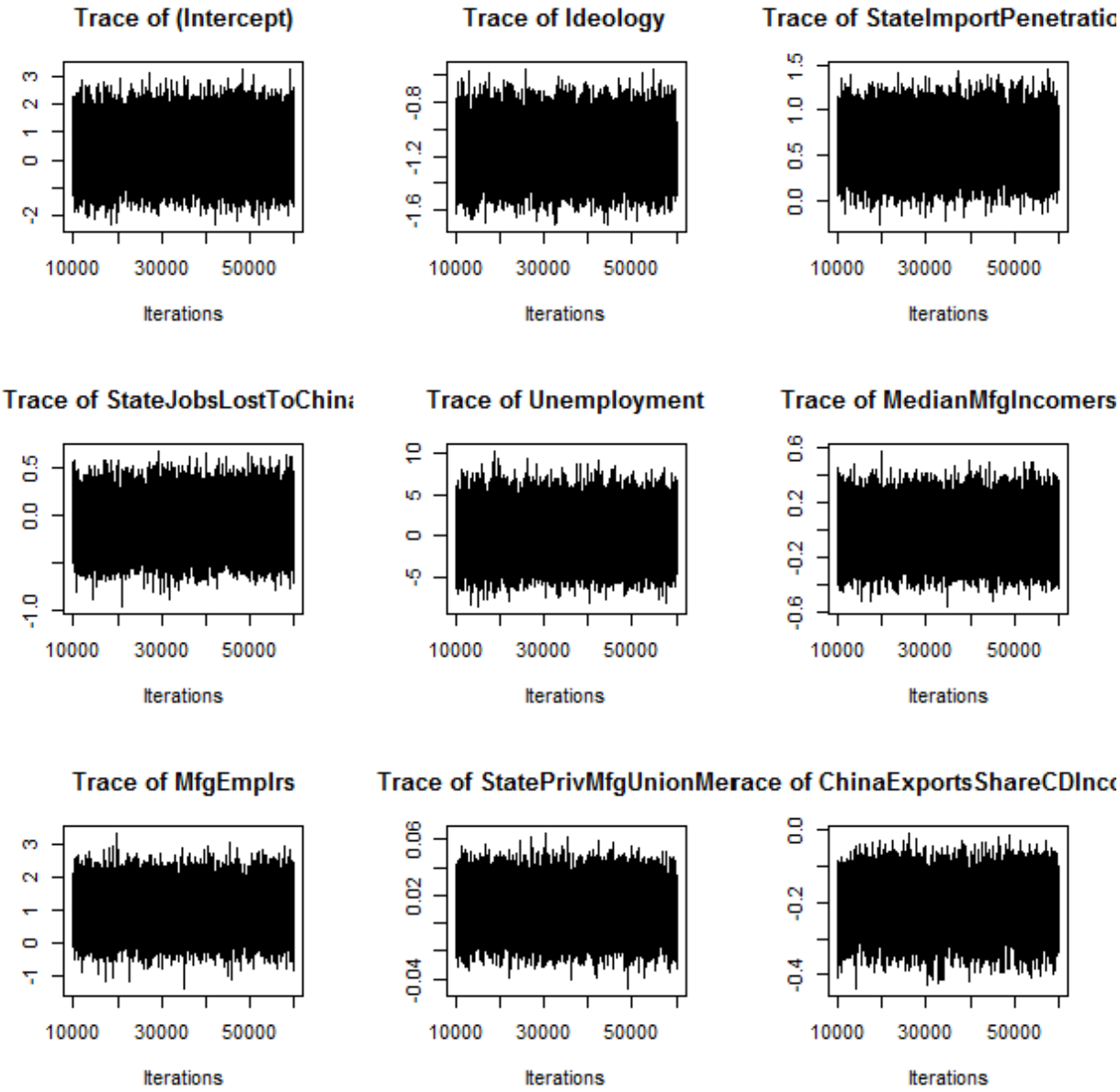

ProSharers
0.0
0.4
0.8
10000
20000
30000
40000
50000
60000
Iterations

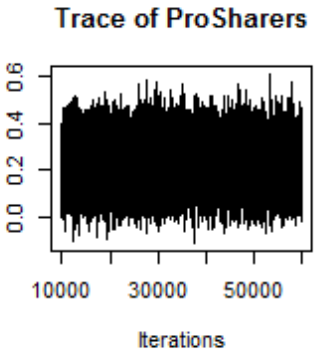

AntiSharers
-1.0
-0.6
-0.2
10000
20000
30000
40000
50000
60000
Iterations

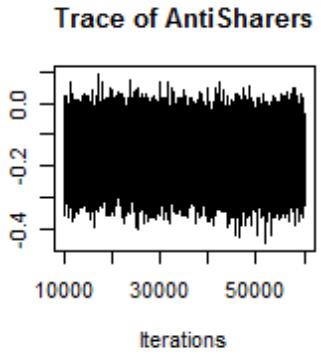

MedianMfgIncomers:MfgEmpIrs
-0.6
-0.2
0.2
10000
20000
30000
40000
50000
60000
Iterations

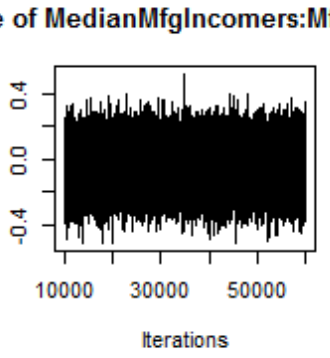
Model 3 Diagnostics

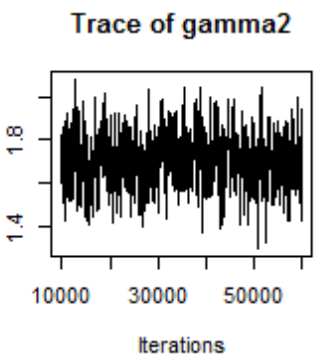
	Gelman-Rubin		Geweke	
	Point Est.	Upper C.I.	Window: .2, .2	Window: .1, .5
Intercept	1.00	1.00	-0.20	-0.38
Ideology	1.00	1.00	-1.33	-1.09
Unemployment	1.00	1.00	0.98	-0.20
Jobs Lost to China	1.00	1.00	-0.20	0.21
Import Penetration	1.00	1.00	0.76	-0.48
Mfg Employment	1.00	1.00	0.83	1.78
Mfg Income	1.00	1.00	0.03	0.60
Mfg Unionization	1.00	1.00	1.57	0.23
China Exports	1.00	1.00	-0.07	-0.14
Pro-Realignment $	1.00	1.00	1.24	0.50
Anti-Realignment $	1.00	1.00	0.75	0.33
Mfg Inc*Mfg Empl	1.00	1.00	-0.29	-1.05

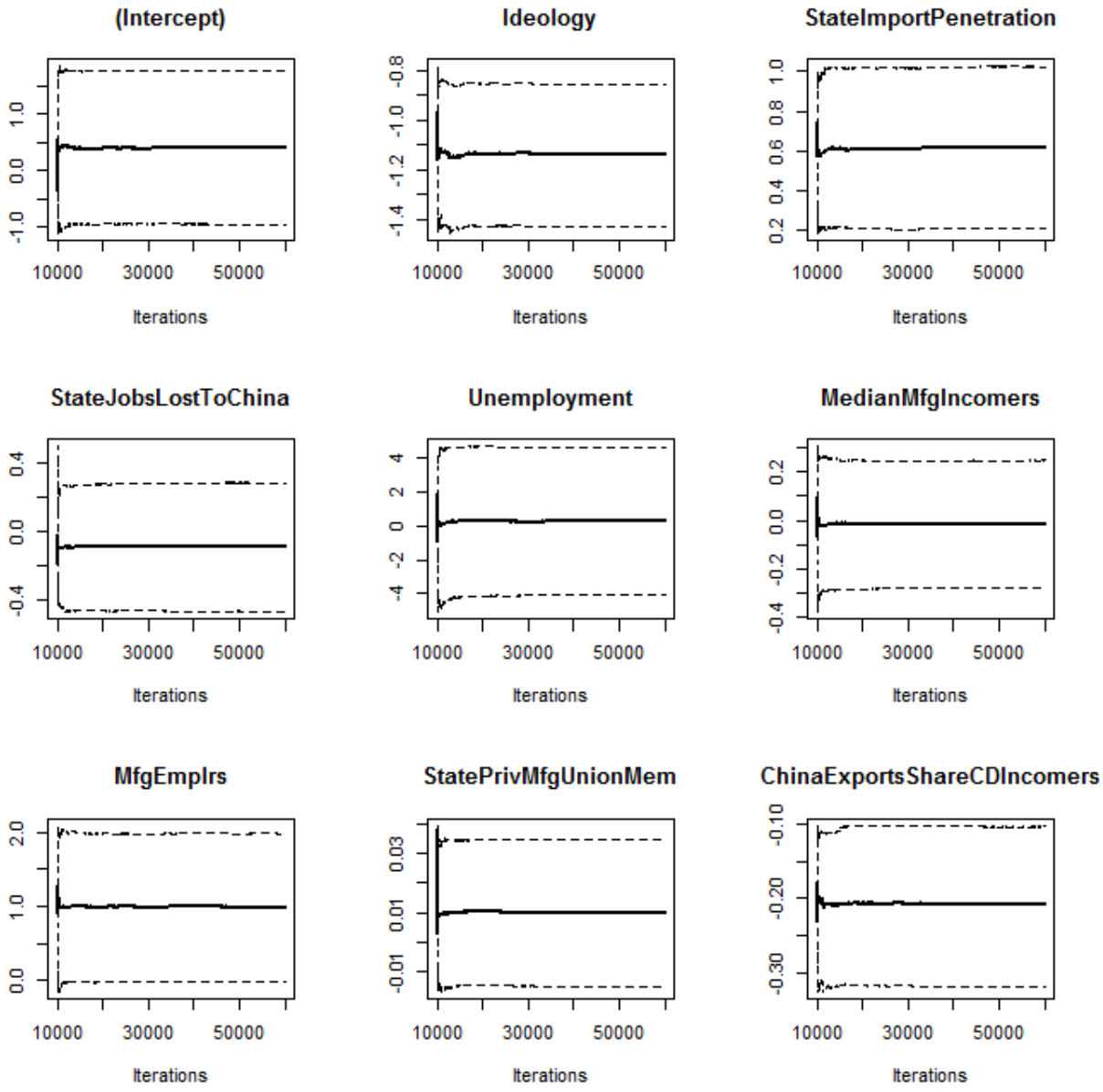

Trace of (Intercept)
Trace of Ideology
Trace of StateImportPenetratic
Trace of StateJobsLostToChin
Trace of Unemployment
Trace of MedianMfgIncomers
Trace of MfgEmpIrs
Trace of StatePrivMfgUnionMe
race of ChinaExportsShareCDInc
Iterations
10000
30000
50000

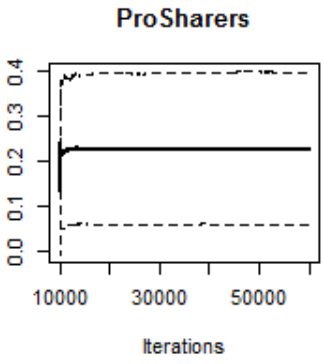

Trace of ProSharers
0.0
0.2
0.4
0.6
10000
30000
50000
Iterations

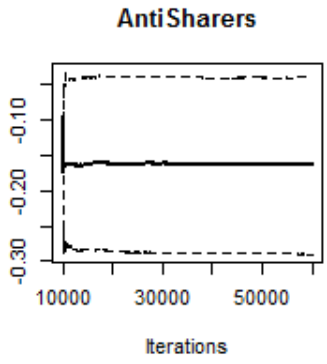

Trace of AntiSharers
-0.4
-0.2
0.0
10000
30000
50000
Iterations

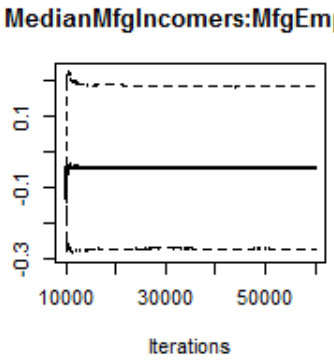

race of MedianMfgIncomers:MfgE
-0.4
0.0
0.4
10000
30000
50000
Iterations

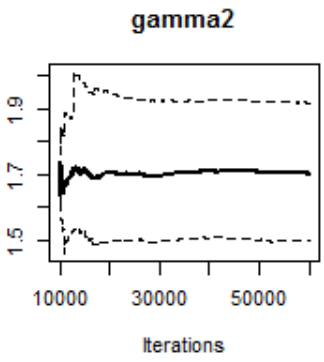

Trace of gamma2
1.4
1.8
10000
30000
50000
Iterations


(Intercept)
Ideology
StateImportPenetration
StateJobsLostToChina
Unemployment
MedianMfgIncomers
MfgEmpIrs
StatePrivMfgUnionMem
ChinaExportsShareCDIncomers
Iterations
10000
30000
50000


ProSharers
0.0 0.1 0.2 0.3 0.4
10000 30000 50000
Iterations

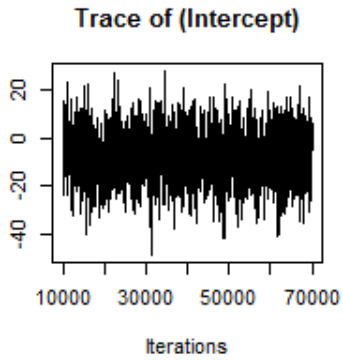

AntiSharers
-0.30 -0.20 -0.10
10000 30000 50000
Iterations

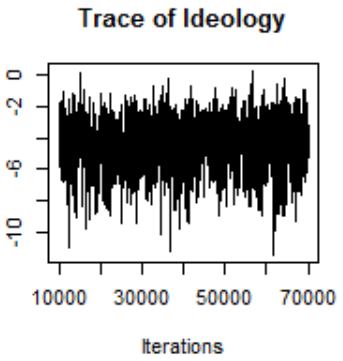

MedianMfgIncomers:MfgEmplrs
-0.3 -0.1 0.1
10000 30000 50000
Iterations

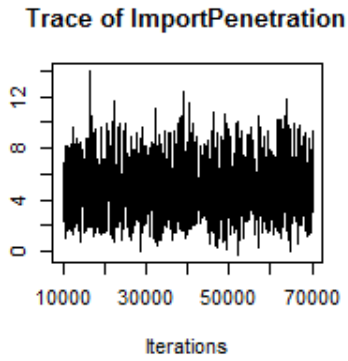

gamma2
1.5 1.7 1.9
10000 30000 50000
Iterations

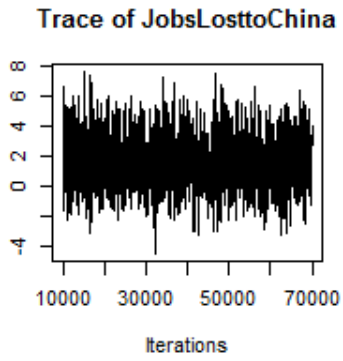
Model 4 Diagnostics

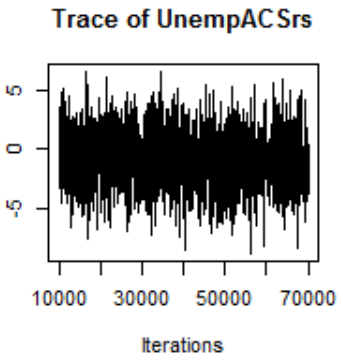
	Gelman-Rubin		Geweke	
	Point Est.	Upper C.I.	1st Window: .2/.2	2nd Window: .1/.5
Intercept	1.01	1.01	1.32	0.20
Ideology	1.00	1.01	1.36	1.25
Import Penetration	1.00	1.00	-0.59	0.16
Jobs Lost to China	1.00	1.01	0.60	-1.21
Pro-Realignment $	1.00	1.01	-1.22	-1.24
Anti-Realignment $	1.01	1.04	1.28	1.53
China FDI	1.00	1.00	1.42	0.79
Mfg Employment	1.01	1.01	-1.55	-0.44
Mfg Income	1.00	1.01	-1.52	0.01
Mfg Unionization	1.00	1.00	1.85	0.40
China Exports	1.00	1.01	0.82	0.65
Unemployment	1.00	1.00	0.59	0.69
Mfg Empl*Mfg Inc	1.01	1.01	1.38	0.41

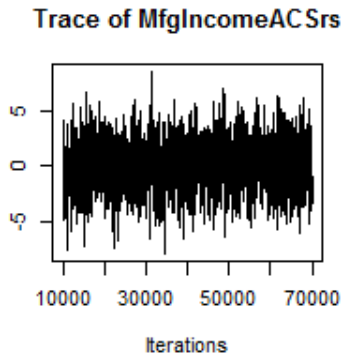

Trace of (Intercept)
-40 -20 0 20
10000 30000 50000 70000
Iterations

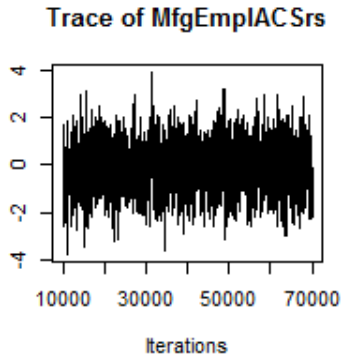

Trace of Ideology
-10 -6 -2 0
10000 30000 50000 70000
Iterations

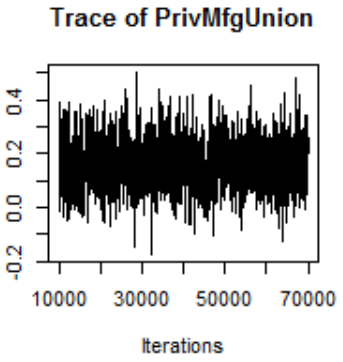

Trace of ImportPenetration
0 4 8 12
10000 30000 50000 70000
Iterations

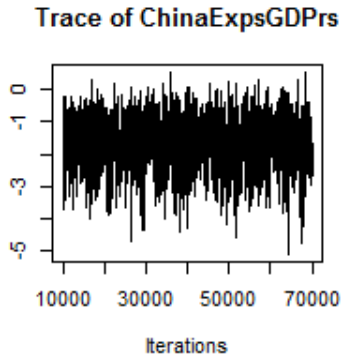

Trace of JobsLosttoChina
-4 0 2 4 6 8
10000 30000 50000 70000
Iterations

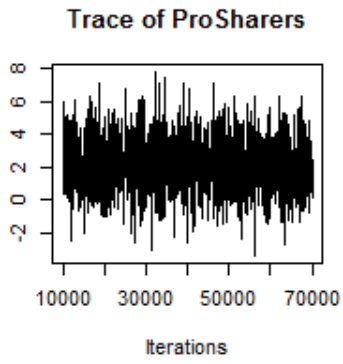

Trace of UnempACSrs
-5 0 5
10000 30000 50000 70000
Iterations

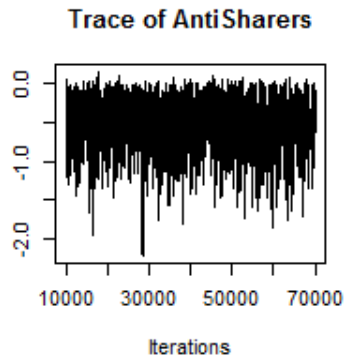

Trace of MfgIncomeACSrs
-5 0 5
10000 30000 50000 70000
Iterations

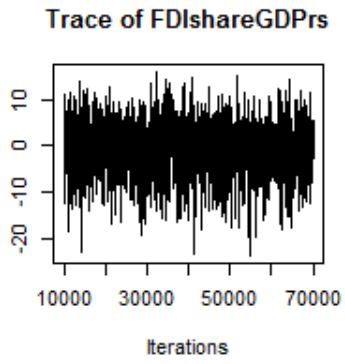

Trace of MfgEmpIACSrs
-4 -2 0 2 4
10000 30000 50000 70000
Iterations

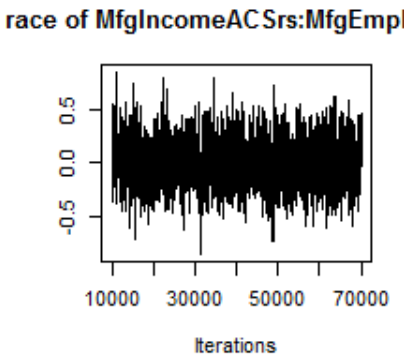

Trace of PrivMfgUnion
-0.2 0.0 0.2 0.4
10000 30000 50000 70000
Iterations

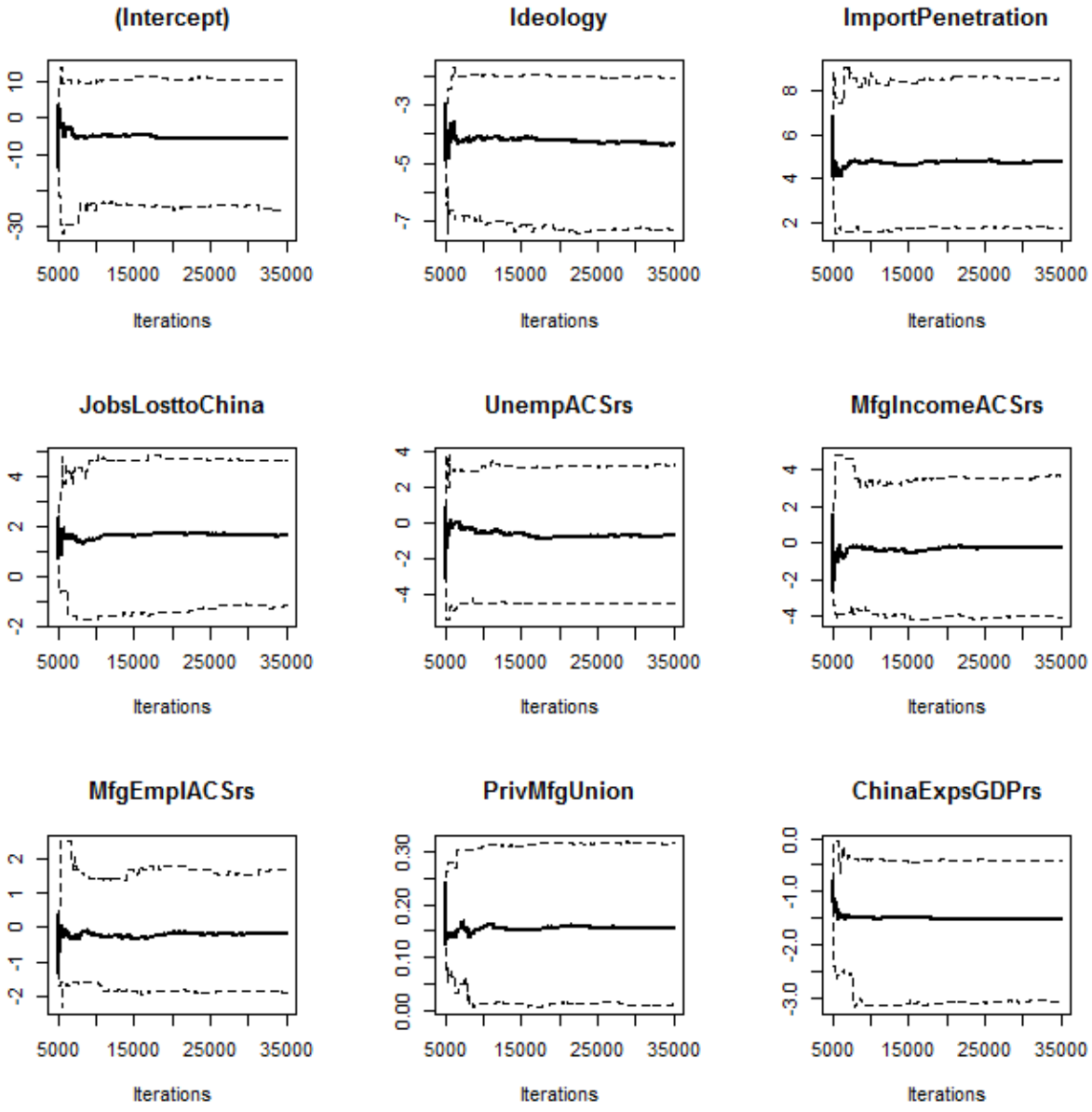

Trace of ChinaExpsGDPrs
-5 -3 -1 0
10000 30000 50000 70000
Iterations

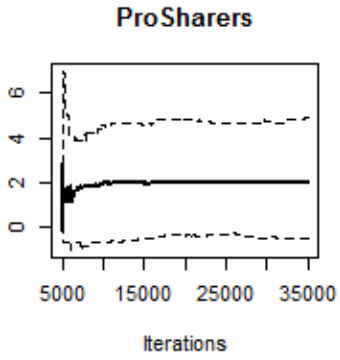

Trace of ProSharers
-2 0 2 4 6 8
10000 30000 50000 70000
Iterations

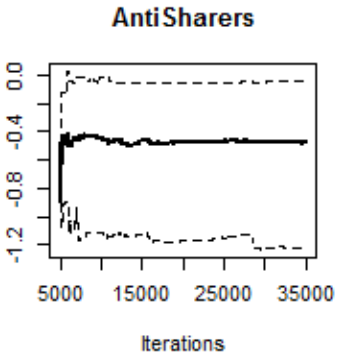

Trace of AntiSharers
-2.0 -1.0 0.0
10000 30000 50000 70000
Iterations

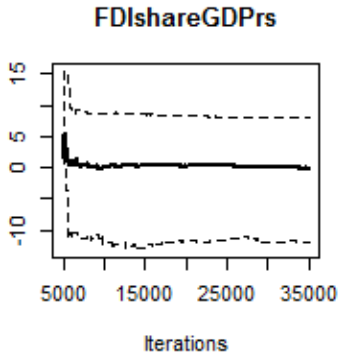

Trace of FDIshareGDPrs
-20 -10 0 10
10000 30000 50000 70000
Iterations

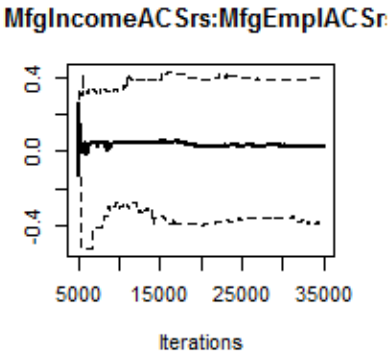

race of MfgIncomeACSrs:MfgEmplA
-0.5 0.0 0.5
10000 30000 50000 70000
Iterations


(Intercept)
Ideology
ImportPenetration
JobsLosttoChina
UnempACSrs
MfgIncomeACSrs
MfgEmplACSrs
PrivMfgUnion
ChinaExpsGDPrs
Iterations
5000
15000
25000
35000


ProSharers
0
2
4
6
5000
15000
25000
35000
Iterations

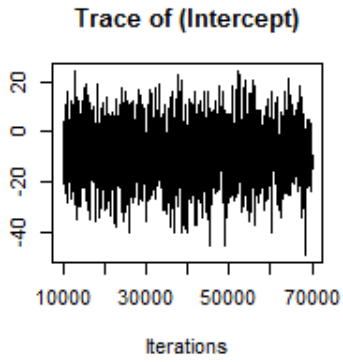

AntiSharers
-1.2
-0.8
-0.4
0.0
5000
15000
25000
35000
Iterations

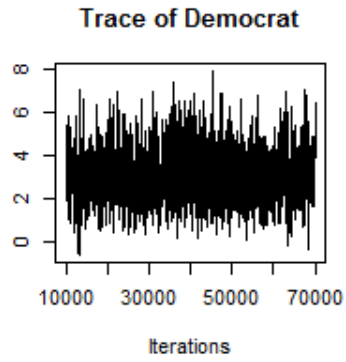

FDIshareGDPrs
-10
0
5
15
5000
15000
25000
35000
Iterations

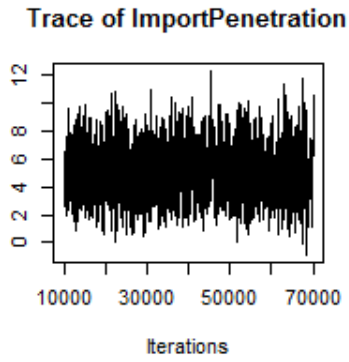

MfgIncomeACSrs:MfgEmpIACSr
-0.4
0.0
0.4
5000
15000
25000
35000
Iterations

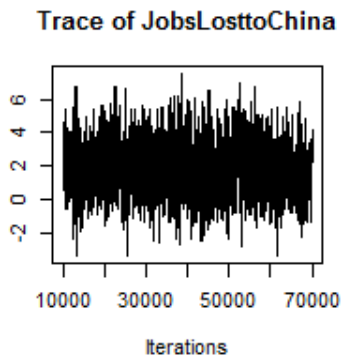
Model 5 Diagnostics

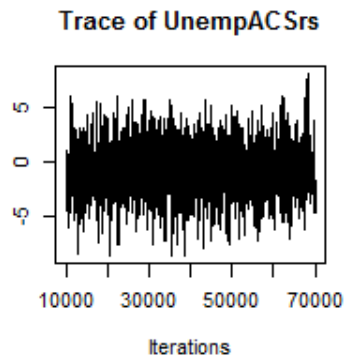
	Gelman-Rubin		Geweke	
	Point Est.	Upper C.I.	1st Window: .2/.2	2nd Window: .1/.5
Intercept	1.02	1.02	-0.04	-0.10
Democrat	1.00	1.00	0.63	0.72
Import Penetration	1.02	1.02	0.08	1.52
Jobs Lost to China	1.00	1.00	0.14	-0.85
Pro-Realignment $	1.00	1.00	-1.18	-1.46
Anti-Realignment $	1.01	1.01	1.86	0.86
China FDI	1.00	1.00	0.54	0.15
Mfg Employment	1.02	1.02	0.29	0.56
Mfg Income	1.02	1.02	0.22	0.58
Mfg Unionization	1.00	1.03	-0.05	-1.57
China Exports	1.00	1.00	-0.27	0.46
Unemployment	1.03	1.03	-1.08	-1.73
Mfg Empl*Mfg Inc	1.01	1.02	-0.30	-0.40

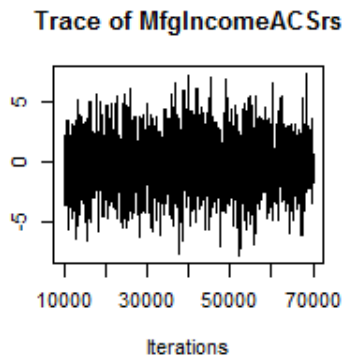

Trace of (Intercept)
-40 -20 0 20
10000 30000 50000 70000
Iterations

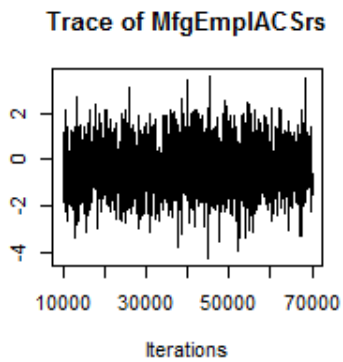

Trace of Democrat
0 2 4 6 8
10000 30000 50000 70000
Iterations

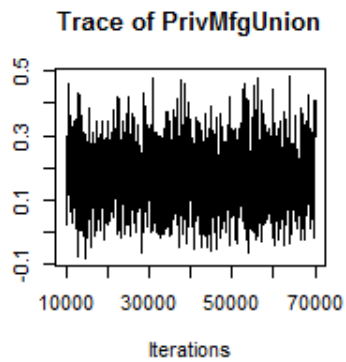

Trace of ImportPenetration
0 2 4 6 8 12
10000 30000 50000 70000
Iterations

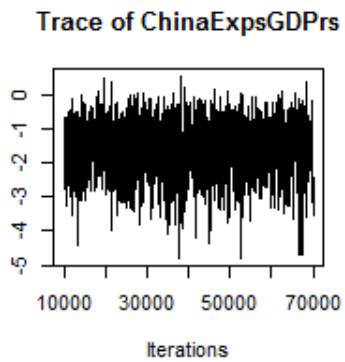

Trace of JobsLosttoChina
-2 0 2 4 6
10000 30000 50000 70000
Iterations

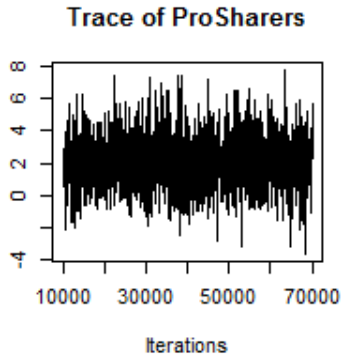

Trace of UnempACSrs
-5 0 5
10000 30000 50000 70000
Iterations

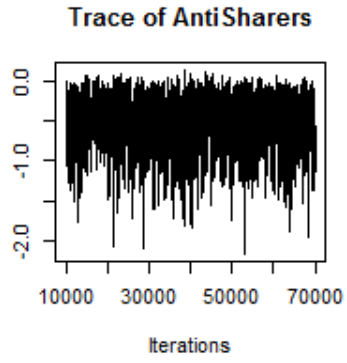

Trace of MfgIncomeACSrs
-5 0 5
10000 30000 50000 70000
Iterations

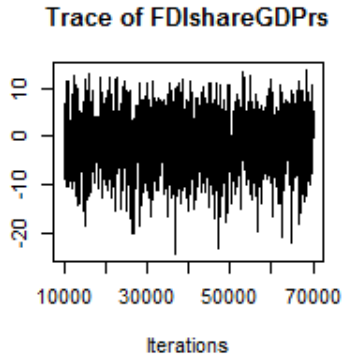

Trace of MfgEmpIACSrs
-4 -2 0 2
10000 30000 50000 70000
Iterations

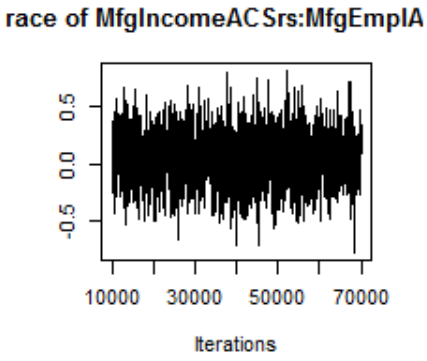

Trace of PrivMfgUnion
-0.1 0.1 0.3 0.5
10000 30000 50000 70000
Iterations

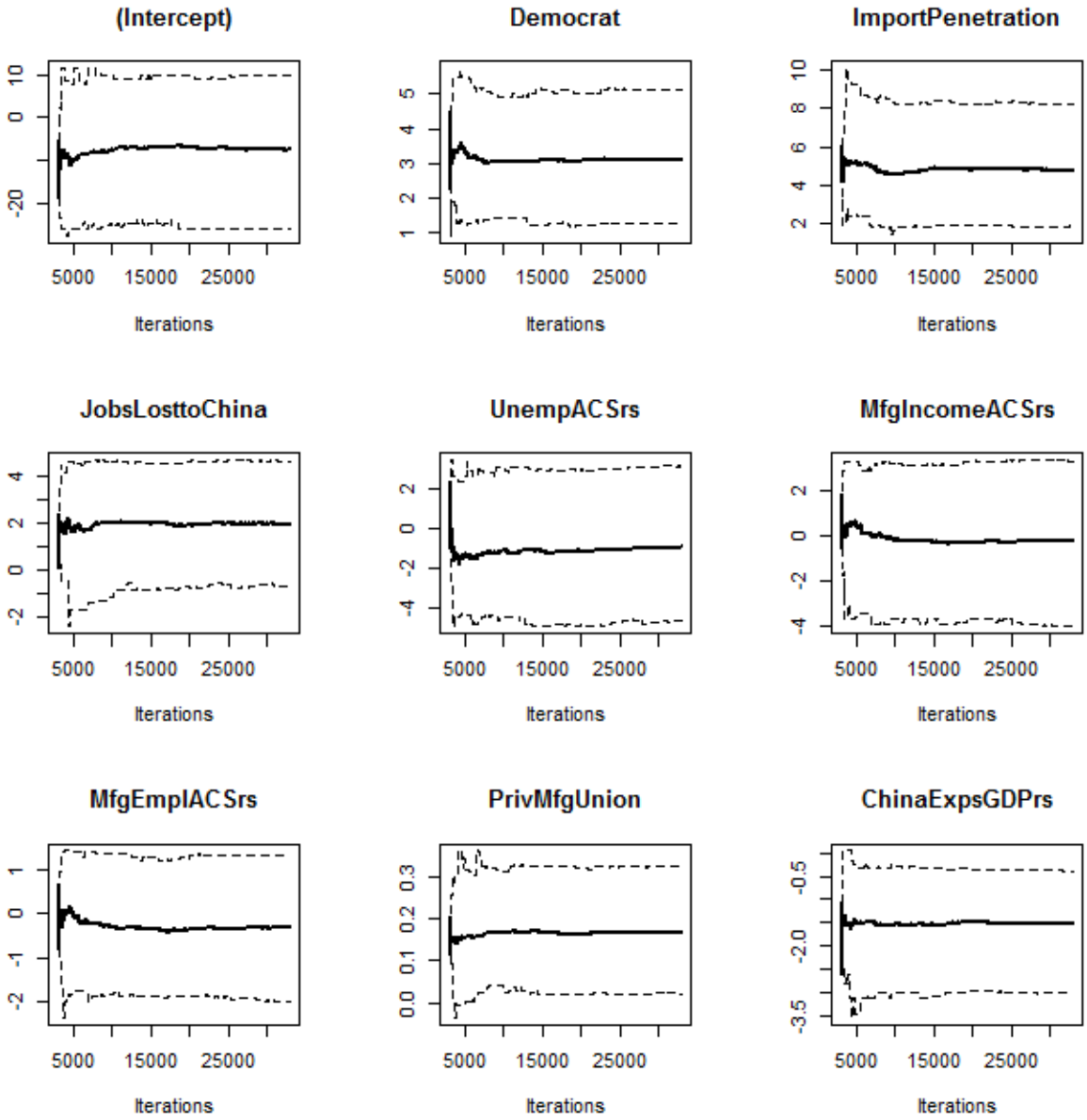

Trace of ChinaExpsGDPrs
-5 -4 -3 -2 -1 0
10000 30000 50000 70000
Iterations

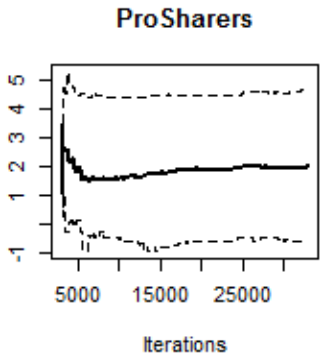

Trace of ProSharers
-4
0
2
4
6
8
10000
30000
50000
70000
Iterations

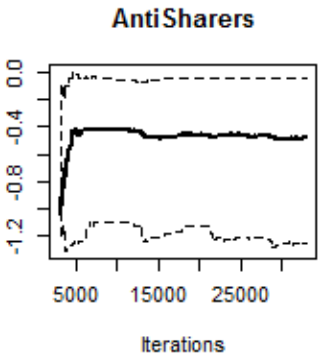

Trace of AntiSharers
-2.0
-1.0
0.0
10000
30000
50000
70000
Iterations

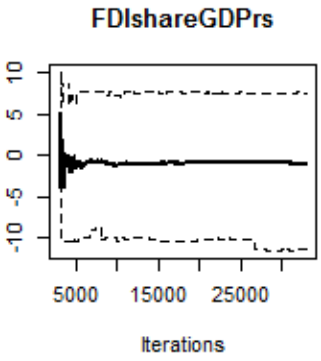

Trace of FDIshareGDPrs
-20
-10
0
10
10000
30000
50000
70000
Iterations

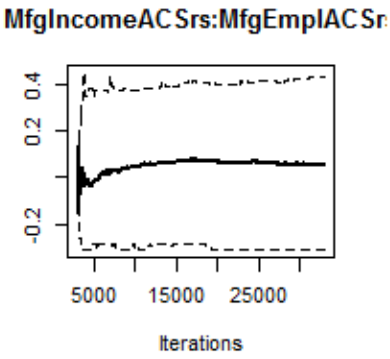

race of MfgIncomeACSrs:MfgEmplA
-0.5
0.0
0.5
10000
30000
50000
70000
Iterations


(Intercept)
Democrat
ImportPenetration
JobsLosttoChina
UnempACSrs
MfgIncomeACSrs
MfgEmpIACSrs
PrivMfgUnion
ChinaExpsGDPrs
Iterations
5000
15000
25000


ProSharers
-1 1 2 3 4 5
5000 15000 25000
Iterations

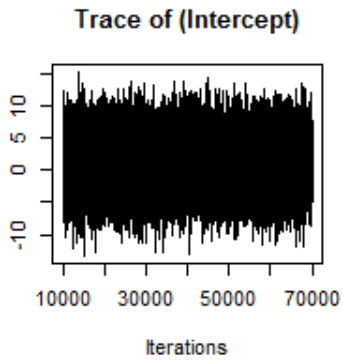

AntiSharers
-1.2 -0.8 -0.4 0.0
5000 15000 25000
Iterations

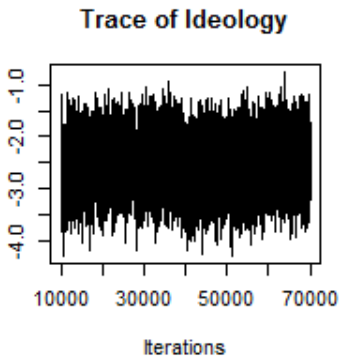

FDIshareGDPrs
-10 -5 0 5 10
5000 15000 25000
Iterations

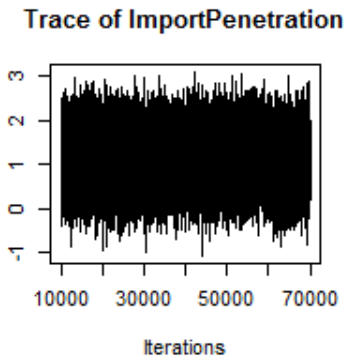

MfgIncomeACSrs:MfgEmpIACSr
-0.2 0.2 0.4
5000 15000 25000
Iterations

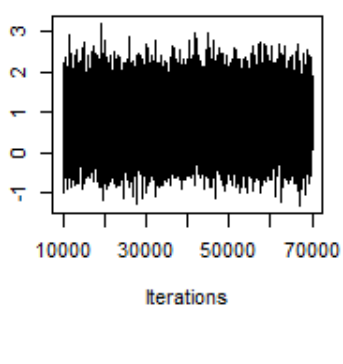
Model 6 Diagnostics

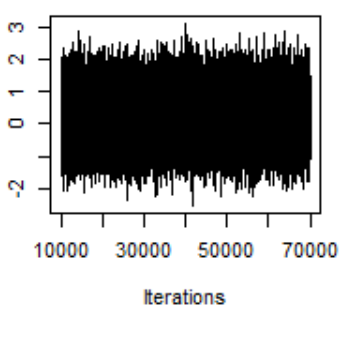
	Gelman-Rubin		Geweke	
	Point Est.	Upper C.I.	1st Window: .2/.2	2nd Window: .1/.5
Intercept	1.00	1.00	-0.00	0.74
Ideology	1.00	1.00	0.45	0.71
Import Penetration	1.00	1.00	1.70	1.52
Jobs Lost to China	1.00	1.00	-0.27	1.10
Pro-Realignment $	1.00	1.00	0.86	0.33
Anti-Realignment $	1.00	1.00	0.40	0.16
China FDI	1.00	1.00	0.13	0.37
Mfg Employment	1.00	1.00	-0.46	-0.73
Mfg Income	1.00	1.00	-0.07	-1.14
Mfg Unionization	1.00	1.00	1.06	1.46
China Exports	1.00	1.00	-0.73	-1.50
Unemployment	1.00	1.00	-0.18	0.26
Mfg Empl*Mfg Inc	1.00	1.00	0.36	0.70

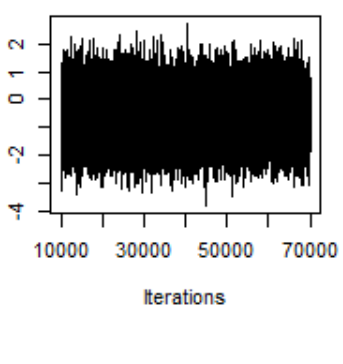

Trace of (Intercept)
-10
0
5
10
10000
30000
50000
70000
Iterations

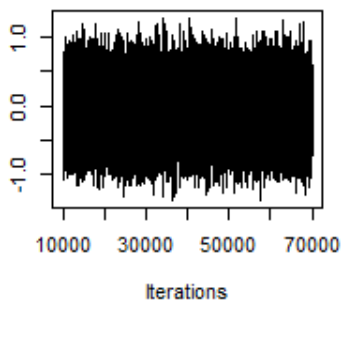

Trace of Ideology
-4.0
-3.0
-2.0
-1.0
10000
30000
50000
70000
Iterations

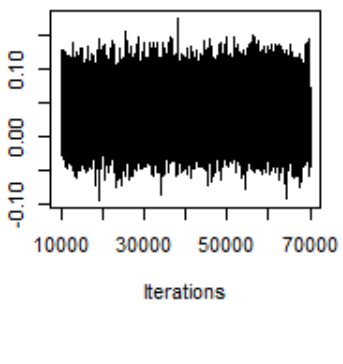

Trace of ImportPenetration
-1
0
1
2
3
10000
30000
50000
70000
Iterations

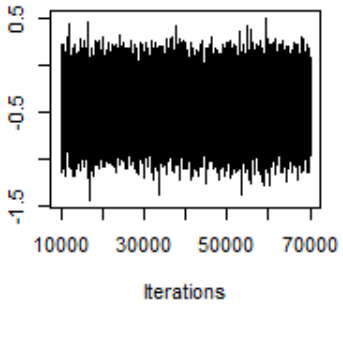

Trace of JobsLosttoChina
-1
0
1
2
3
10000
30000
50000
70000
Iterations

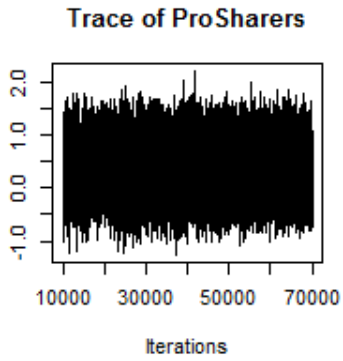

Trace of UnempACSrs
-2
0
1
2
3
10000
30000
50000
70000
Iterations

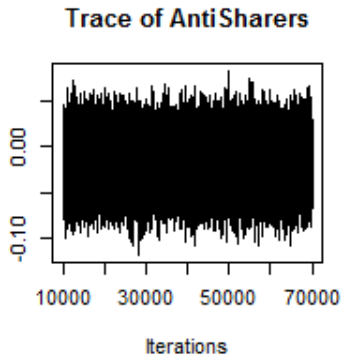

Trace of MfgIncomeACSrs
-4
-2
0
1
2
10000
30000
50000
70000
Iterations

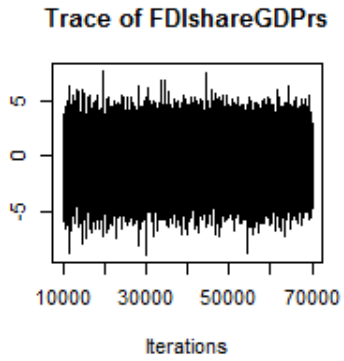

Trace of MfgEmpIACSrs
-1.0
0.0
1.0
10000
30000
50000
70000
Iterations

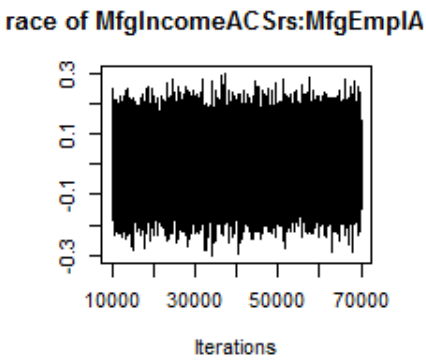

Trace of PrivMfgUnion
-0.10
0.00
0.10
10000
30000
50000
70000
Iterations

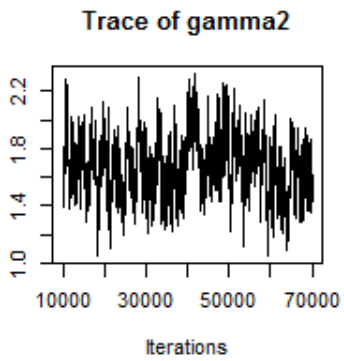

Trace of ChinaExpsGDPrs
-1.5
-0.5
0.5
10000
30000
50000
70000
Iterations

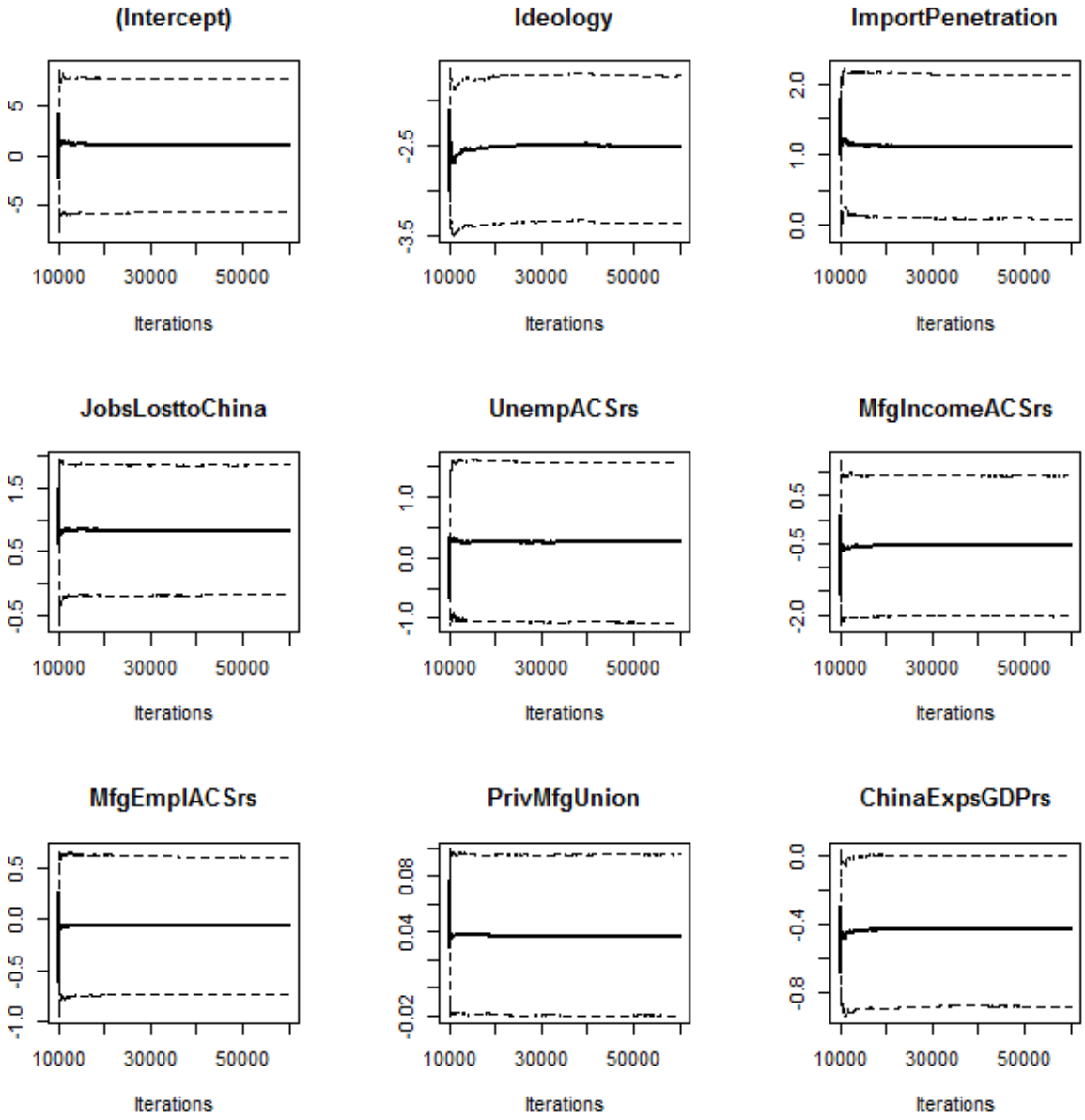

Trace of ProSharers
-1.0
0.0
1.0
2.0
10000
30000
50000
70000
Iterations

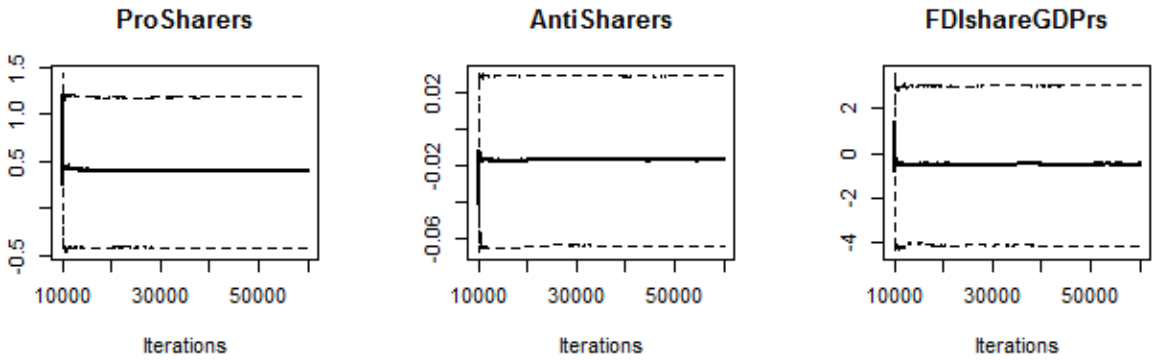

Trace of AntiSharers
-0.10
0.00
10000
30000
50000
70000
Iterations


Trace of FDIshareGDPrs
-5
0
5
10000
30000
50000
70000
Iterations


race of MfgIncomeACSrs:MfgEmplA
-0.3
-0.1
0.1
0.3
10000
30000
50000
70000
Iterations


Trace of gamma2
1.0
1.4
1.8
2.2
10000
30000
50000
70000
Iterations


(Intercept)
Ideology
ImportPenetration
JobsLosttoChina
UnempACSrs
MfgIncomeACSrs
MfgEmplACSrs
PrivMfgUnion
ChinaExpsGDPrs
Iterations
10000
30000
50000


ProSharers
1.5
1.0
0.5
-0.5
10000
30000
50000
Iterations
AntiSharers
0.02
-0.02
-0.06
10000
30000
50000
Iterations
FDIshareGDPrs
2
0
-2
-4
10000
30000
50000
Iterations

CRFTA/CERORA - Additional Models

	Post. Mean	95% Cred. Intervals	Prob > 0	Post. Mean	95% Cred. Intervals	Prob > 0
CRFTA		**Mod. 9**			**Mod. 10**	
Intercept	-3.30	-7.52, 0.96	0.06	1.06	-28.36, 29.85	0.53
Ideology	-1.21	-1.98, -0.47	0.00	-5.96	-9.67, -2.89	0.00
Import Penetration	1.34	-0.18, 2.87	0.96	6.06	1.87, 10.94	1.00
Jobs Lost to China	0.56	-0.89, 2.01	0.77	1.22	-2.89, 5.36	0.72
Unemployment	-8.09	-21.18, 4.77	0.10	1.99	-3.98, 8.62	0.73
Mfg Income	-0.01	-0.74, 0.69	0.49	-2.89	-9.42, 3.27	0.18
Mfg Employment	2.31	-0.33, 4.96	0.96	-0.97	-3.97, 1.85	0.26
Mfg Empl*Mfg Inc	-0.13	-0.71, 0.47	0.34	0.20	-0.41, 0.83	0.74
Mfg Unionization	0.03	-0.06, 0.12	0.74	0.19	-0.01, 0.43	0.97
China Exports	-0.40	-0.78, -0.06	0.01	-0.78	-3.06, 1.38	0.25
Pro-Realignment $	0.50	0.02, 0.97	0.98	2.37	-0.70, 5.59	0.93
Anti-Realignment $	-0.55	-0.97, -0.14	0.00	-0.58	-1.32, -0.05	0.01
		N = 433			N = 100	

Models 9 and 10 are Bayesian hierarchical logit models with uniform priors. The models are specified in accord with Models 1 and 4, with an intercept that varies by state/region, respectively. The table contains the posterior means and 95 percent credible intervals for each parameter, as well as the proportion of the probability density on either side of zero, i.e., the probability that the coefficient is positive or negative.