

```

name: <unnamed>
log: /Users/ynishiza/Desktop/*WORK IN PROGRESS iMac/**jpsa16_Kakusa/jpsa16-
> mbers_files/jpsa16_Nishizaw_STATA_do_file-FINAL160913.smcl
log type: smcl
opened on: 13 Sep 2016, 17:05:55

1 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

2 .
3 . *****
4 . *      Table of Contents
5 . *
6 . *  1. Figure  2: regress voteLDP on welfAB & libcon
7 . *  2. Figure  3: welfAB
8 . *
9 . *  3. Figure  4: life satisfaction, Current
10 . *  4. Figure  5: life satisfaction, Since a year ago
11 . *  5. Figure  6: life satisfaction, Future
12 . *
13 . *  6. Figure  7: Class 5
14 . *  7. Figure  8: Political Efficacy, Voting effective
15 . *  8. Figure  9: Political Efficacy, Able to control Govn't
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17 . * 10. Figure 11: Trusting your Representatives
18 . *
19 . * 11. Figure 12: Turnout
20 . *
21 . * 12. Figure 13: Thermometer Evaluation towards LDP
22 . * 13. Figure 14: Thermometer Evaluation towards DPJ
23 . *****
24 .
25 .
26 .
27 .
28 . /*****
> 1. Figure 2: regress voteLDP on welfAB & libcon
> *****/
29 .
end of do-file

30 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

31 . /*****
> PR Votes
> *****/
32 .
33 . use "jes2thru4-selected_panel_voteLDP.dta" , clear

34 .
35 . /* model3 == LDP district vote on welfAB only/libcon only */
36 .

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```
37 . logistic prLDP welfAB libcon income age educ
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```

Logistic regression                                Number of obs    =      4,825
                                                    LR chi2(5)       =      780.86
                                                    Prob > chi2      =      0.0000
Log likelihood = -2785.1495                        Pseudo R2       =      0.1229

```

prLDP	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
welfAB	1.160383	.1046629	1.65	0.099	.972357	1.384768
libcon	1.521456	.0279942	22.81	0.000	1.467566	1.577325
income	1.000428	.0000741	5.77	0.000	1.000282	1.000573
age	1.009925	.0025242	3.95	0.000	1.004989	1.014884
educ	.923859	.0148936	-4.91	0.000	.8951245	.9535159
_cons	.0607126	.0181243	-9.38	0.000	.03382	.1089896

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38 .
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end of do-file
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39 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"
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40 . /*****
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> 2. Figure 3: welfAB
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> *****/
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41 .
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end of do-file
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42 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"
```

```
43 . use "jes2thru4-selected_panel_welfAB.dta" , clear
```

```
44 .
```

```
45 . /* model1 == base model */
```

```
46 .
```

```
47 . * reg welfAB y9307
```

```
48 . * reg welfAB y9307 age educ
```

```
49 . reg welfAB y9307 incBt30 incTp10 age educ
```

Source	SS	df	MS	Number of obs	=	6,614
Model	19.8454062	5	3.96908123	F(5, 6608)	=	30.05
Residual	872.785886	6,608	.132080189	Prob > F	=	0.0000
				R-squared	=	0.0222
				Adj R-squared	=	0.0215
Total	892.631292	6,613	.134981293	Root MSE	=	.36343

welfAB	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	-.0069134	.0007926	-8.72	0.000	-.0084672	-.0053596
incBt30	.021765	.0109913	1.98	0.048	.0002185	.0433115

incTp10	-.0219715	.013778	-1.59	0.111	-.0489809	.0050378
age	-.0011567	.0003299	-3.51	0.000	-.0018035	-.0005099
educ	-.0125641	.0022395	-5.61	0.000	-.0169544	-.0081739
_cons	.6778749	.0371716	18.24	0.000	.6050065	.7507434

50 .
end of do-file

51 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

52 . reg welfAB c.y9307##i.incBt30 c.y9307##i.incTp10 age educ
note: y9307 omitted because of collinearity

Source	SS	df	MS	Number of obs	=	6,614
Model	19.9559892	7	2.8508556	F(7, 6606)	=	21.58
Residual	872.675303	6,606	.132103437	Prob > F	=	0.0000
				R-squared	=	0.0224
				Adj R-squared	=	0.0213
Total	892.631292	6,613	.134981293	Root MSE	=	.36346

welfAB	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	-.0073328	.0009992	-7.34	0.000	-.0092917	-.005374
1.incBt30	.0074306	.0193662	0.38	0.701	-.0305335	.0453947
incBt30#c.y9307						
1	.0016647	.0018516	0.90	0.369	-.001965	.0052944
y9307	0	(omitted)				
1.incTp10	-.0222012	.0258354	-0.86	0.390	-.0728469	.0284445
incTp10#c.y9307						
1	.0000801	.0023828	0.03	0.973	-.0045909	.0047511
age	-.0011662	.0003305	-3.53	0.000	-.0018141	-.0005182
educ	-.0126368	.0022412	-5.64	0.000	-.0170303	-.0082433
_cons	.682742	.0376237	18.15	0.000	.6089874	.7564966

53 .
end of do-file

54 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

55 . /*****
> 3. Figure 4: life satisfaction, Current
> *****/

56 .
end of do-file

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57 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

58 . use "jes2thru4-selected_panel_lif.dta" , clear

59 .

60 . reg lif1 c.y9307##i.incBt30 c.y9307##i.incTp10 age educ
note: y9307 omitted because of collinearity

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Source	SS	df	MS	Number of obs	=	7,674
Model	20.5211814	7	2.93159734	F(7, 7666)	=	41.14
Residual	546.263848	7,666	.071258003	Prob > F	=	0.0000
				R-squared	=	0.0362
				Adj R-squared	=	0.0353
Total	566.785029	7,673	.073867461	Root MSE	=	.26694

lif1	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	.0012901	.0006738	1.91	0.056	-.0000308	.0026109
1.incBt30	-.0572942	.0130606	-4.39	0.000	-.0828966	-.0316918
incBt30#c.y9307						
1	-.0019477	.0012339	-1.58	0.114	-.0043665	.000471
y9307	0	(omitted)				
1.incTp10	.0447936	.0176343	2.54	0.011	.0102255	.0793617
incTp10#c.y9307						
1	.0012206	.0016102	0.76	0.448	-.0019358	.0043771
age	.0023409	.0002266	10.33	0.000	.0018967	.0027852
educ	.0080241	.0015276	5.25	0.000	.0050297	.0110185
_cons	.3161631	.0256339	12.33	0.000	.2659137	.3664126

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61 .
end of do-file

62 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

63 . /*****
> 4. Figure 5: life satisfaction, Since a year ago
> *****/
64 .
65 . use "jes2thru4-selected_panel_lif.dta" , clear

66 .
67 . /* model1 == base model */
68 .
69 . reg lif2 y9307 incBt30 incTp10 age educ

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Source	SS	df	MS	Number of obs	=	7,674
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Model	1.91906923	5	.383813846	F(5, 7668)	=	12.93
Residual	227.539826	7,668	.029673947	Prob > F	=	0.0000
				R-squared	=	0.0084
				Adj R-squared	=	0.0077
Total	229.458895	7,673	.029904717	Root MSE	=	.17226

lif2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	-.0007467	.0003441	-2.17	0.030	-.0014213	-.0000721
incBt30	-.019516	.0048377	-4.03	0.000	-.0289992	-.0100329
incTp10	.0098032	.0061431	1.60	0.111	-.0022389	.0218454
age	-.0001119	.0001459	-0.77	0.443	-.0003979	.0001741
educ	.0035274	.0009855	3.58	0.000	.0015956	.0054593
_cons	.4123756	.0163655	25.20	0.000	.3802947	.4444565

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70 .
    end of do-file

71 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

72 . /*****
> 5. Figure 6: life satisfaction, Future
> *****/
73 .
74 . use "jes2thru4-selected_panel_lif.dta" , clear

75 .
76 . /* model1 == base model */
77 .
78 . reg lif3 y9307 incBt30 incTp10 age educ

```

Source	SS	df	MS	Number of obs	=	7,674
Model	4.5802349	5	.916046979	F(5, 7668)	=	26.39
Residual	266.19463	7,668	.034715001	Prob > F	=	0.0000
				R-squared	=	0.0169
				Adj R-squared	=	0.0163
Total	270.774865	7,673	.035289309	Root MSE	=	.18632

lif3	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	-.0017102	.0003722	-4.59	0.000	-.0024399	-.0009806
incBt30	-.0164841	.0052325	-3.15	0.002	-.0267412	-.006227
incTp10	.0077642	.0066444	1.17	0.243	-.0052607	.0207891
age	-.0010266	.0001578	-6.51	0.000	-.0013359	-.0007172
educ	.0017848	.0010659	1.67	0.094	-.0003047	.0038744
_cons	.5074467	.0177011	28.67	0.000	.4727476	.5421457

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end of do-file

80 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

81 . /*****
> 6. Figure 7: Class 5
> *****/
82 .
end of do-file

83 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

84 . use "jes2thru4-selected_panel_class5.dta" , clear

85 .
86 .
87 . reg class5 c.y9307##i.incBt30 c.y9307##i.incTp10 age educ
note: y9307 omitted because of collinearity

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Source	SS	df	MS	Number of obs	=	5,954
Model	25.7226502	7	3.67466431	F(7, 5946)	=	98.89
Residual	220.95472	5,946	.037160229	Prob > F	=	0.0000
				R-squared	=	0.1043
				Adj R-squared	=	0.1032
Total	246.67737	5,953	.041437489	Root MSE	=	.19277

class5	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	-.0031209	.0006359	-4.91	0.000	-.0043676	-.0018743
1.incBt30	-.1298861	.0135402	-9.59	0.000	-.1564297	-.1033424
incBt30#c.y9307						
1	.0038062	.0011529	3.30	0.001	.001546	.0060664
y9307	0 (omitted)					
1.incTp10	.0864535	.0177282	4.88	0.000	.0516998	.1212073
incTp10#c.y9307						
1	.0002008	.0014737	0.14	0.892	-.0026882	.0030899
age	.0015576	.0001866	8.35	0.000	.0011918	.0019235
educ	.0116601	.0012543	9.30	0.000	.0092012	.0141189
_cons	.2971677	.0215184	13.81	0.000	.2549837	.3393516

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88 .
end of do-file

89 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

90 . /*****

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>      /. Figure 8: Political Efficacy, voting effective
>      *****/
91 .
    end of do-file

92 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

93 . /* model2 == with interactions */
94 .
95 . use "jes2thru4-selected_panel_efc.dta" , clear

96 .
97 . reg efc1 c.y9307##i.incBt30 c.y9307##i.incTp10 age educ
note: y9307 omitted because of collinearity

```

Source	SS	df	MS	Number of obs	=	7,621
Model	32.608203	7	4.65831471	F(7, 7613)	=	57.44
Residual	617.437165	7,613	.081103003	Prob > F	=	0.0000
				R-squared	=	0.0502
				Adj R-squared	=	0.0493
Total	650.045368	7,620	.085307791	Root MSE	=	.28479

efc1	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	-.001971	.0007259	-2.72	0.007	-.0033939	-.0005481
1.incBt30	-.0476291	.0139403	-3.42	0.001	-.074956	-.0203023
incBt30#c.y9307						
1	.0022973	.001334	1.72	0.085	-.0003177	.0049123
y9307	0	(omitted)				
1.incTp10	.0134661	.0188158	0.72	0.474	-.0234181	.0503503
incTp10#c.y9307						
1	.002712	.0017195	1.58	0.115	-.0006587	.0060828
age	.0045901	.0002431	18.89	0.000	.0041137	.0050666
educ	.0142721	.0016365	8.72	0.000	.0110641	.01748
_cons	.4035548	.0274368	14.71	0.000	.3497712	.4573384

```

98 .
    end of do-file

99 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

100 . /*****
>      8. Figure 9: Political Efficacy, Able to control Govn't
>      *****/
101 .
102 . use "jes2thru4-selected_panel_efc.dta" , clear

```

```

103 .
104 . /* model1 == base model */
105 .
106 . reg efc2 y9307 incBt30 incTp10 age educ

```

Source	SS	df	MS	Number of obs	=	7,621
Model	29.2607063	5	5.85214126	F(5, 7615)	=	47.03
Residual	947.60793	7,615	.124439649	Prob > F	=	0.0000
				R-squared	=	0.0300
				Adj R-squared	=	0.0293
Total	976.868636	7,620	.128197984	Root MSE	=	.35276

efc2	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	.0030276	.0007117	4.25	0.000	.0016324	.0044227
incBt30	-.0276031	.0099528	-2.77	0.006	-.0471132	-.0080929
incTp10	.021857	.0126239	1.73	0.083	-.0028894	.0466034
age	.0009186	.0003005	3.06	0.002	.0003295	.0015077
educ	.024123	.0020266	11.90	0.000	.0201502	.0280958
_cons	.0083347	.033645	0.25	0.804	-.0576188	.0742883

```

107 .
    end of do-file

108 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

109 . /*****
    > 9. Figure 10: Political Efficacy, Do understand politics
    > *****/
110 .
111 . use "jes2thru4-selected_panel_efc.dta" , clear

112 .
113 . /* model1 == base model */
114 .
115 . reg efc3 y9307 incBt30 incTp10 age educ

```

Source	SS	df	MS	Number of obs	=	7,621
Model	53.28704	5	10.657408	F(5, 7615)	=	107.64
Residual	753.989859	7,615	.09901377	Prob > F	=	0.0000
				R-squared	=	0.0660
				Adj R-squared	=	0.0654
Total	807.276899	7,620	.10594185	Root MSE	=	.31466

efc3	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	.0012639	.0006349	1.99	0.047	.0000193	.0025084
incBt30	-.0480845	.0088779	-5.42	0.000	-.0654877	-.0306814

incTp10	.0339888	.0112887	3.19	0.001	.0138888	.0388348
age	.0025221	.0002681	9.41	0.000	.0019967	.0030476
educ	.0341884	.0018078	18.91	0.000	.0306447	.0377322
_cons	-.2313705	.0300116	-7.71	0.000	-.2902016	-.1725395

```

116 .
    end of do-file

117 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

118 . /*****
> 10. Figure 11: Trusting my Representatives
> *****/
119 .
    end of do-file

120 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

121 . /* model2 == with interactions */
122 .
123 . use "jes2thru4-selected_panel_trustRep.dta" , clear

124 .
125 . reg trustRep c.y9307##i.incBt30 c.y9307##i.incTp10 age educ
note: y9307 omitted because of collinearity

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Source	SS	df	MS	Number of obs	=	5,715
Model	11.4632414	7	1.63760591	F(7, 5707)	=	16.30
Residual	573.36762	5,707	.10046743	Prob > F	=	0.0000
Total	584.830862	5,714	.102350518	R-squared	=	0.0196
				Adj R-squared	=	0.0184
				Root MSE	=	.31697

trustRep	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	-.0074005	.0010806	-6.85	0.000	-.0095189	-.0052821
1.incBt30	-.0719481	.0238275	-3.02	0.003	-.1186591	-.0252372
incBt30#c.y9307						
1	.002892	.0020025	1.44	0.149	-.0010336	.0068176
y9307	0	(omitted)				
1.incTp10	.0167341	.0307279	0.54	0.586	-.0435043	.0769726
incTp10#c.y9307						
1	.0025362	.0025108	1.01	0.312	-.0023859	.0074582
age	.0015187	.0003116	4.87	0.000	.0009078	.0021295
educ	.0070302	.0021099	3.33	0.001	.0028939	.0111664
_cons	.1980953	.0362872	5.46	0.000	.1269586	.269232

```

126 .
    end of do-file

127 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

128 . /*****
> 11. Figure 12: Turnout
> *****/
129 .
130 . use "jes2thru4-selected_panel_vote.dta" , clear

131 .
132 . /* model1 == base model */
133 .
134 . reg vote y9307 incBt30 incTp10 age educ

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Source	SS	df	MS	Number of obs	=	7,146
Model	47.4718088	5	9.49436176	F(5, 7140)	=	85.01
Residual	797.405465	7,140	.111681438	Prob > F	=	0.0000
				R-squared	=	0.0562
				Adj R-squared	=	0.0555
Total	844.877274	7,145	.118247344	Root MSE	=	.33419

vote	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	.0018551	.0006709	2.76	0.006	.0005398	.0031703
incBt30	-.0445126	.0097467	-4.57	0.000	-.0636191	-.0254062
incTp10	.0373635	.012409	3.01	0.003	.0130382	.0616889
age	.0056528	.0002953	19.14	0.000	.0050739	.0062317
educ	.0085654	.0019872	4.31	0.000	.0046699	.012461
_cons	.4465302	.0328949	13.57	0.000	.3820465	.5110139

```

135 .
    end of do-file

136 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

137 . /*****
> 12. Figure 13: Thermometer Evaluation towards LDP
> *****/
138 .
139 . use "jes2thru4-selected_panel_tmLDP.dta" , clear

140 .
141 . /* model1 == base model */
142 .
143 . reg tmLDP y9307 incBt30 incTp10 age educ

```

				F(5, 6964)	=	61.70
Model	137486.596	5	27497.3192	Prob > F	=	0.0000
Residual	3103691.65	6,964	445.676572	R-squared	=	0.0424
				Adj R-squared	=	0.0417
Total	3241178.24	6,969	465.085126	Root MSE	=	21.111

tmLDP	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	-.5072609	.0483276	-10.50	0.000	-.6019977	-.4125241
incBt30	-1.844288	.6246117	-2.95	0.003	-3.068718	-.6198591
incTp10	1.118263	.7486599	1.49	0.135	-.3493387	2.585864
age	.1865026	.0187699	9.94	0.000	.1497078	.2232974
educ	-.7437239	.1273334	-5.84	0.000	-.9933362	-.4941116
_cons	55.28286	2.123902	26.03	0.000	51.11936	59.44635

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144 .
    end of do-file

145 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

146 . /*****
    > 13. Figure 14: Thermometer Evaluation towards DPJ
    > *****/
147 .
    end of do-file

148 . do "/var/folders/p6/hmrlz5k528gdpsw7p13t5qtr0000gp/T//SD04808.000000"

149 . /* model2 == with interactions */
150 .
151 . use "jes2thru4-selected_panel_tmDPJ.dta" , clear

152 .
153 . reg tmDPJ c.y9307##i.incBt30 c.y9307##i.incTp10 age educ
    note: y9307 omitted because of collinearity

```

Source	SS	df	MS	Number of obs	=	6,198
				F(7, 6190)	=	12.58
Model	33334.669	7	4762.09557	Prob > F	=	0.0000
Residual	2342288.78	6,190	378.398834	R-squared	=	0.0140
				Adj R-squared	=	0.0129
Total	2375623.45	6,197	383.350565	Root MSE	=	19.452

tmDPJ	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
y9307	.3070644	.0657525	4.67	0.000	.1781667	.4359621
1.incBt30	-2.912772	1.419303	-2.05	0.040	-5.6951	-.1304441

1	.1008046	.1218138	0.83	0.408	-.1379928	.3396021
y9307	0	(omitted)				
1.incTp10	2.792376	1.792984	1.56	0.119	-.7224957	6.307249
incTp10#c.y9307						
1	-.1750943	.1513487	-1.16	0.247	-.4717904	.1216017
age	.0392683	.0183173	2.14	0.032	.00336	.0751765
educ	.5413403	.124335	4.35	0.000	.2976005	.7850801
_cons	38.06039	2.155819	17.65	0.000	33.83424	42.28654

```

154 .
    end of do-file

155 . log close
      name: <unnamed>
      log:  /Users/ynishiza/Desktop/*WORK IN PROGRESS iMac/**jpsa16_Kakusa/jpsa16-
> mbers_files/jpsa16_Nishizaw_STATA_do_file-FINAL160913.smcl
      log type: smcl
      closed on: 13 Sep 2016, 17:13:09

```