

**Multiple Regression:**  
**A Forced Entry Hierarchical Model**

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COM 531

### Block 1: Demographics

**Q105** – Education completed  
**NewVar** – Gender (femaleness)

### Block 2: Community Tenure

**Q2** – How long have you lived in your neighborhood or community?  
**Q28** – I feel a strong identification with my community.

### Block 3: Political Knowledge

**Q20** – I learn about community activities and problems from the community newspaper.  
**Q60** – Is there a community or neighborhood newspaper that covers the place where you live?  
**Q79** – How knowledgeable would you say you are about politics and current events on a 0 to 10 scale where 10 is very knowledgeable and 0 is not at all knowledgeable?

### Block 4: Political Communication

**Q15** – Your personal or political philosophy.  
**Q24** – I generally discuss political candidates and issues with neighbors at election time.  
**Q25** – I generally discuss political candidates and issues with family and friends at election time.  
**Q80** – How many days this past week did you engage in political discussion with friends and family?

### Block 5: Political Climate

**Q31** – Public officials don't care much what people like me think.  
**Q32** – Other than voting, people like me have little influence over local government actions.  
**Q33** – People like me don't have any say about what the government does.

### D.V. Q21

"I'd feel comfortable voicing a complaint at a public meeting in my community"

## Screenshots

### Step 1: Recoding

The screenshot displays the SPSS Data Editor window with a dataset named 'natcom[1].sav'. The main window shows a grid of data with columns including 'CommercialVenuesTP', 'EatDrinkTalk2', 'OrgTPActivity2', 'OutsideActivityTP2', 'CommercialVenuesTP2', and 'newvar'. The 'newvar' column contains binary values (1.00 and .00). A 'Syntax1 - SPSS Syntax Editor' window is overlaid on the data, showing the following syntax:

```
IF (Q109=1) newvar=1.  
IF (Q109=2) newvar=0.
```

The Syntax Editor window also shows the 'SPSS Processor is ready' status at the bottom. The Windows taskbar at the bottom indicates the system time as 1:35 PM.

- ❖ Step 1: All transformations, recodes, etc
- ❖ In this case (gender):
  - IF (Q109=1) newvar=1.
  - IF (Q109=2) newvar=0.

## Screenshots

Step 2: Analyze → Regression → Linear

The screenshot shows the SPSS Data Editor window with a data grid. A 'Linear Regression' dialog box is open, showing the following settings:

- Dependent:** Q21: Comfort voicing c
- Independent(s):** Q105: Education [q105]
- Method:** Enter
- Selection Variable:** (empty)
- Case Labels:** (empty)
- WLS Weight:** (empty)

The dialog box also includes buttons for 'OK', 'Paste', 'Reset', 'Cancel', 'Help', 'Statistics...', 'Plots...', 'Save...', and 'Options...'.

❖ Input DV and first block of IVs

## Screenshots

### Step 3: Statistics Window

The screenshot shows the SPSS Data Editor window with a dataset named 'natcom[1].sav'. The data is displayed in a grid view with columns for various variables. A 'Linear Regression' dialog box is open, and the 'Statistics' sub-dialog box is also open. The 'Statistics' sub-dialog box has the following settings:

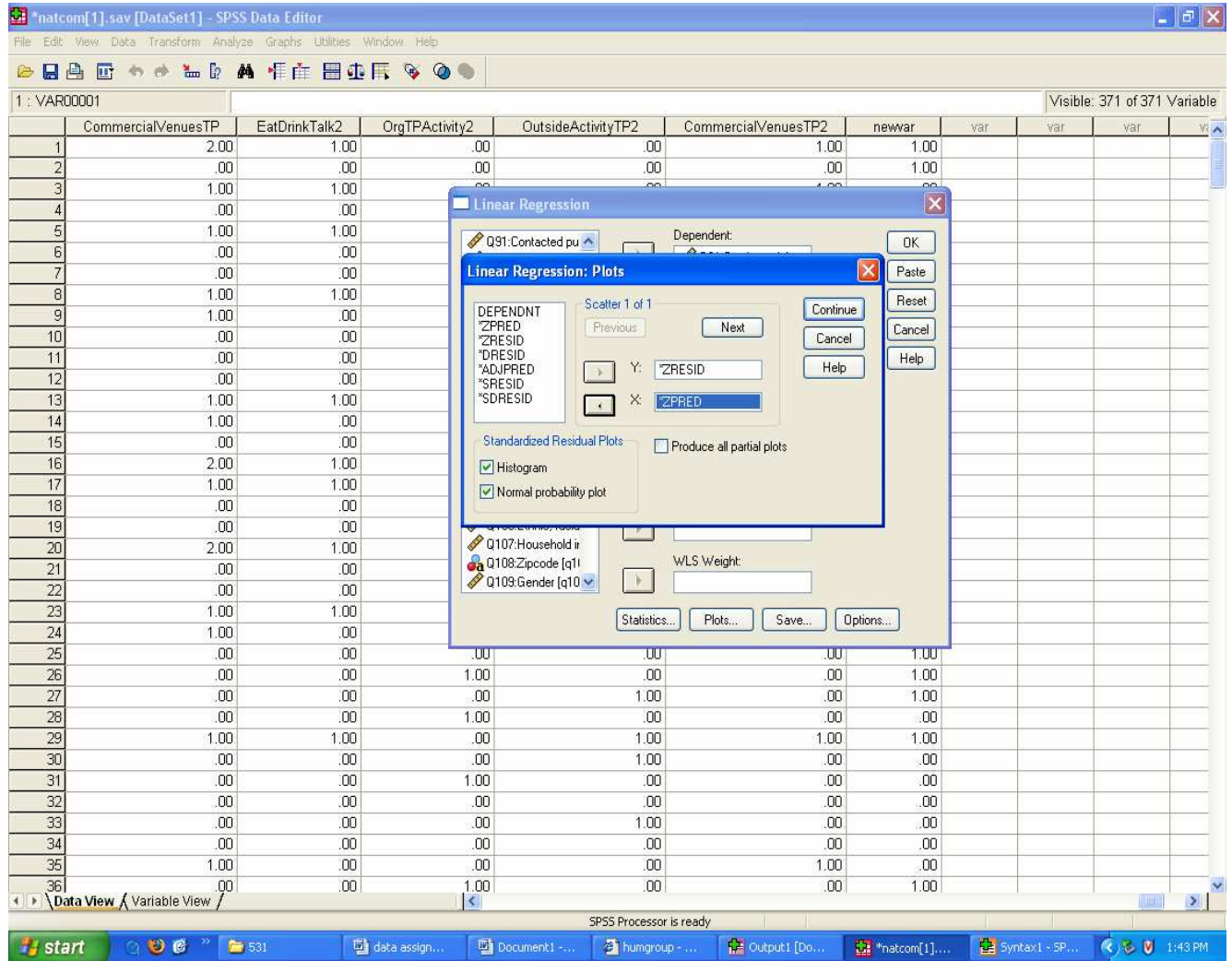
- Regression Coefficients:**
  - Estimates
  - Confidence intervals
  - Covariance matrix
- Residuals:**
  - Durbin-Watson
  - Casewise diagnostics
    - Outliers outside: 3 standard deviations
    - All cases
- Model fit:**
  - Model fit
  - R squared change
  - Descriptives
  - Part and partial correlations
  - Collinearity diagnostics

The 'WLS Weight' field is empty. The 'Statistics...' button is highlighted, indicating the next step in the process.

- ❖ Click the Statistics button in the linear regression window
- ❖ Select the desired statistics: estimates, model fit, R square change, descriptives
- ❖ Collinearity diagnostics
- ❖ Click continue

## Screenshots

### Step 4: Plots Window



- ❖ Click the plots button in the linear regression window
- ❖ Place “\*ZRESID” in the Y box and “\*ZPRED” in the X box
  - These are the standardized residuals and predicted values
  - They help with homoscedasticity, normal distribution, and linearity
- ❖ Select desired plots (histogram, normal probability plot)
- ❖ Click continue

## Screenshots

### Step 5: Input Next Block (Block 2)

The screenshot shows the SPSS Data Editor window with a data grid. A 'Linear Regression' dialog box is open, showing the following settings:

- Dependent:** Q21: Comfort voicing c
- Block 2 of 2** (with 'Previous' and 'Next' buttons)
- Independent(s):** Q2: Time lived there (q2)
- Method:** Enter
- Selection Variable:** (empty)
- Case Labels:** (empty)
- WLS Weight:** (empty)

The dialog box also includes buttons for 'OK', 'Paste', 'Reset', 'Cancel', 'Help', 'Statistics...', 'Plots...', 'Save...', and 'Options...'.

- ❖ In the linear regression window click the “Next” button located to the right of the block number
- ❖ Enter the next block of IVs
- ❖ Repeat as needed until all blocks are entered

## Screenshots

### Step 5 Continued: Input Next Block (Block 3)

The screenshot displays the SPSS Data Editor window with a data grid and a 'Linear Regression' dialog box. The dialog box is configured for 'Block 3 of 3' of a regression analysis. The dependent variable is 'Q21: Comfort voicing c'. The independent variables are 'Q20: Hear neigh problem', 'Q60: Freq read communi', and 'Q79: Perceived pol. kno'. The method is set to 'Enter'. The dialog also includes fields for Selection Variable, Case Labels, and WLS Weight, and buttons for Statistics, Plots, Save, and Options.

Case	CommercialVenuesTP	EatDrinkTalk2	OrgTPActivity2	OutsideActivityTP2	CommercialVenuesTP2	newwar	var	var	var	var
1	2.00	1.00	.00	.00	1.00	1.00				
2	.00	.00	.00	.00	.00	1.00				
3	1.00	1.00	.00	.00	1.00	.00				
4	.00	.00	.00	.00	.00	.00				
5	1.00	1.00	.00	.00	1.00	.00				
6	.00	.00	.00	.00	.00	.00				
7	.00	.00	.00	.00	.00	.00				
8	1.00	1.00	.00	.00	1.00	.00				
9	1.00	.00	.00	.00	.00	.00				
10	.00	.00	.00	.00	.00	.00				
11	.00	.00	.00	.00	.00	.00				
12	.00	.00	.00	.00	.00	.00				
13	1.00	1.00	.00	.00	1.00	.00				
14	1.00	.00	.00	.00	.00	.00				
15	.00	.00	.00	.00	.00	.00				
16	2.00	1.00	.00	.00	1.00	.00				
17	1.00	1.00	.00	.00	1.00	.00				
18	.00	.00	.00	.00	.00	.00				
19	.00	.00	.00	.00	.00	.00				
20	2.00	1.00	.00	.00	1.00	.00				
21	.00	.00	.00	.00	.00	.00				
22	.00	.00	.00	.00	.00	.00				
23	1.00	1.00	.00	.00	1.00	.00				
24	1.00	.00	.00	.00	.00	.00				
25	.00	.00	.00	.00	.00	1.00				
26	.00	.00	1.00	.00	.00	1.00				
27	.00	.00	.00	1.00	.00	1.00				
28	.00	.00	1.00	.00	.00	.00				
29	1.00	1.00	.00	1.00	1.00	1.00				
30	.00	.00	.00	.00	1.00	.00				
31	.00	.00	1.00	.00	.00	.00				
32	.00	.00	.00	.00	.00	.00				
33	.00	.00	.00	.00	1.00	.00				
34	.00	.00	.00	.00	.00	.00				
35	1.00	.00	.00	.00	.00	1.00				
36	.00	.00	1.00	.00	.00	1.00				

❖ Just shows Block 3

## Screenshots

### Step 5 Continued: Input Next Block (Block 4)

The screenshot shows the SPSS Data Editor window with a data table and a Linear Regression dialog box. The dialog box is set to Block 4 of 4, with the following configuration:

- Dependent:** Q21: Comfort voicing c
- Independent(s):** Q80: Freq talk pol w/frier, Q24: Talk pol w/neighbor, Q25: Talk pol w/family, fr
- Method:** Enter
- Selection Variable:** (empty)
- Case Labels:** (empty)
- WLS Weight:** (empty)

The data table in the background shows the following columns: CommercialVenuesTP, EatDrinkTalk2, OrgTPActivity2, OutsideActivityTP2, CommercialVenuesTP2, newvar, var, var, var, var. The rows are numbered 1 through 36.

	CommercialVenuesTP	EatDrinkTalk2	OrgTPActivity2	OutsideActivityTP2	CommercialVenuesTP2	newvar	var	var	var	var
1	2.00	1.00	.00	.00	1.00	1.00				
2	.00	.00	.00	.00	.00	1.00				
3	1.00	1.00	.00	.00	1.00	1.00				
4	.00	.00	.00	.00	.00	1.00				
5	1.00	1.00	.00	.00	1.00	1.00				
6	.00	.00	.00	.00	.00	1.00				
7	.00	.00	.00	.00	.00	1.00				
8	1.00	1.00	.00	.00	1.00	1.00				
9	1.00	.00	.00	.00	1.00	1.00				
10	.00	.00	.00	.00	.00	1.00				
11	.00	.00	.00	.00	.00	1.00				
12	.00	.00	.00	.00	.00	1.00				
13	1.00	1.00	.00	.00	1.00	1.00				
14	1.00	.00	.00	.00	1.00	1.00				
15	.00	.00	.00	.00	.00	1.00				
16	2.00	1.00	.00	.00	1.00	1.00				
17	1.00	1.00	.00	.00	1.00	1.00				
18	.00	.00	.00	.00	.00	1.00				
19	.00	.00	.00	.00	.00	1.00				
20	2.00	1.00	.00	.00	1.00	1.00				
21	.00	.00	.00	.00	.00	1.00				
22	.00	.00	.00	.00	.00	1.00				
23	1.00	1.00	.00	.00	1.00	1.00				
24	1.00	.00	.00	.00	1.00	1.00				
25	.00	.00	.00	.00	.00	1.00				
26	.00	.00	1.00	.00	.00	1.00				
27	.00	.00	.00	.00	1.00	1.00				
28	.00	.00	1.00	.00	.00	1.00				
29	1.00	1.00	.00	1.00	1.00	1.00				
30	.00	.00	.00	.00	1.00	1.00				
31	.00	.00	1.00	.00	.00	1.00				
32	.00	.00	.00	.00	.00	1.00				
33	.00	.00	.00	.00	1.00	1.00				
34	.00	.00	.00	.00	.00	1.00				
35	1.00	.00	.00	.00	.00	1.00				
36	.00	.00	1.00	.00	.00	1.00				

❖ Just shows Block 4

## Screenshots

### Step 5 Continued: Input Next Block (Block 5)

The screenshot displays the SPSS Data Editor window with a data grid in the background. The grid has columns labeled 'CommercialVenuesTP', 'EatDrinkTalk2', 'OrgTPActivity2', 'OutsideActivityTP2', 'CommercialVenuesTP2', 'newwar', and 'var'. The data rows show values for these variables, such as 1.00, .00, and .00. Overlaid on the grid is the 'Linear Regression' dialog box. The dialog box is titled 'Linear Regression' and is currently on 'Block 5 of 5'. The 'Dependent' variable is 'Q21: Comfort voicing c'. The 'Independent(s)' variables are 'Q31: Public officials don't', 'Q32: Have little influence', and 'Q33: Don't have say abo'. The 'Method' is set to 'Enter'. The 'Selection Variable' is empty. The 'Case Labels' and 'WLS Weight' fields are also empty. The 'Statistics...', 'Plots...', 'Save...', and 'Options...' buttons are visible at the bottom of the dialog box. The 'OK' button is also visible in the top right corner of the dialog box.

❖ After all Blocks are entered Click OK

## Results

Regression:

### Descriptive Statistics

	Mean	Std. Deviation	N
Q21:Comfort voicing complaints public meeting	6.50	3.335	380
newvar	.4684	.49966	380
Q105:Education	4.14	1.303	380
Q28:Feel strong ID w/community	6.73	3.012	380
Q2:Time lived there	4.03	1.906	380
Q20:Hear neigh problems community paper	6.33	3.320	380
Q60:Freq read community newspaper	3.26	1.776	380
Q79:Perceived pol. knowledge	6.21	2.684	380
Q80:Freq talk pol w/friends, family in past week	1.60	1.230	380
Q24:Talk pol w/neighbors election time	4.07	3.375	380
Q25:Talk pol w/family, friends election time	6.72	3.173	380
Q15:Value personal-pol.philosophy	6.88	2.597	380
Q31:Public officials don't care what I think	4.52	3.158	380
Q32:Have little influence over local gov	5.21	3.212	380
Q33:Don't have say about what gov does	4.85	3.351	380

## Correlations

		Q21:Comfort voicing complaints public meeting	newvar	Q105: Education	Q28:Feel strong ID w/community
Pearson Correlation	Q21:Comfort voicing complaints public meeting	1.000	-.015	.223	.223
	newvar	-.015	1.000	.110	-.037
	Q105:Education	.223	.110	1.000	.033
	Q28:Feel strong ID w/community	.223	-.037	.033	1.000
	Q2:Time lived there	-.002	.011	-.140	.193
	Q20:Hear neigh problems community paper	.214	-.125	.130	.340
	Q60:Freq read community newspaper	.184	.023	.188	.296
	Q79:Perceived pol. knowledge	.266	.167	.363	.218
	Q80:Freq talk pol w/friends, family in past week	.262	.218	.236	.102
	Q24:Talk pol w/neighbors election time	.276	.143	.110	.253
	Q25:Talk pol w/family, friends election time	.258	.088	.161	.183
	Q15:Value personal-pol. philosophy	.199	.102	.011	.125
	Q31:Public officials don't care what I think	-.084	.108	-.229	-.145
	Q32:Have little influence over local gov	-.122	.052	-.297	-.207
	Q33:Don't have say about what gov does	-.115	.035	-.281	-.137

## Correlations

	Q21:Comfort voicing complaints public meeting	newvar	Q105: Education	Q28:Feel strong ID w/community
Sig. (1-tailed)	Q21:Comfort voicing complaints public meeting	.385	.000	.000
	newvar	.385	.016	.235
	Q105:Education	.000	.016	.262
	Q28:Feel strong ID w/community	.000	.235	.262
	Q2:Time lived there	.485	.418	.003
	Q20:Hear neigh problems community paper	.000	.007	.005
	Q60:Freq read community newspaper	.000	.330	.000
	Q79:Perceived pol. knowledge	.000	.001	.000
	Q80:Freq talk pol w/friends, family in past week	.000	.000	.000
	Q24:Talk pol w/neighbors election time	.000	.003	.016
	Q25:Talk pol w/family, friends election time	.000	.044	.001
	Q15:Value personal-pol. philosophy	.000	.024	.417
	Q31:Public officials don't care what I think	.050	.017	.000
	Q32:Have little influence over local gov	.009	.157	.000
	Q33:Don't have say about what gov does	.013	.249	.000

## Correlations

		Q21:Comfort voicing complaints public meeting	newvar	Q105: Education	Q28:Feel strong ID w/community
N	Q21:Comfort voicing complaints public meeting	380	380	380	380
	newvar	380	380	380	380
	Q105:Education	380	380	380	380
	Q28:Feel strong ID w/community	380	380	380	380
	Q2:Time lived there	380	380	380	380
	Q20:Hear neigh problems community paper	380	380	380	380
	Q60:Freq read community newspaper	380	380	380	380
	Q79:Perceived pol. knowledge	380	380	380	380
	Q80:Freq talk pol w/friends, family in past week	380	380	380	380
	Q24:Talk pol w/neighbors election time	380	380	380	380
	Q25:Talk pol w/family, friends election time	380	380	380	380
	Q15:Value personal-pol. philosophy	380	380	380	380
	Q31:Public officials don't care what I think	380	380	380	380
	Q32:Have little influence over local gov	380	380	380	380
	Q33:Don't have say about what gov does	380	380	380	380

## Correlations

		Q2:Time lived there	Q20:Hear neigh problems community paper	Q60:Freq read community newspaper	Q79:Perceived pol. knowledge
Pearson Correlation	Q21:Comfort voicing complaints public meeting newvar	-.002	.214	.184	.266
	Q105:Education	.011	-.125	.023	.167
	Q28:Feel strong ID w/community	-.140	.130	.188	.363
	Q2:Time lived there	.193	.340	.296	.218
	Q20:Hear neigh problems community paper	1.000	.101	.137	.005
	Q60:Freq read community newspaper	.101	1.000	.534	.212
	Q79:Perceived pol. knowledge	.137	.534	1.000	.237
	Q80:Freq talk pol w/friends, family in past week	.005	.212	.237	1.000
	Q24:Talk pol w/neighbors election time	.003	.125	.173	.515
	Q25:Talk pol w/family, friends election time	.132	.212	.218	.298
	Q15:Value personal-pol. philosophy	-.010	.115	.188	.401
	Q31:Public officials don't care what I think	.057	.106	.026	.426
	Q32:Have little influence over local gov	.081	-.169	-.065	-.040
	Q33:Don't have say about what gov does	.139	-.167	-.078	-.187
		.103	-.253	-.119	-.178

## Correlations

		Q2:Time lived there	Q20:Hear neigh problems community paper	Q60:Freq read community newspaper	Q79:Perceived pol. knowledge
Sig. (1-tailed)	Q21:Comfort voicing complaints public meeting newvar	.485	.000	.000	.000
	Q105:Education	.418	.007	.330	.001
	Q28:Feel strong ID w/community	.003	.005	.000	.000
	Q2:Time lived there	.000	.000	.000	.000
	Q20:Hear neigh problems community paper	.	.025	.004	.457
	Q60:Freq read community newspaper	.025	.	.000	.000
	Q79:Perceived pol. knowledge	.004	.000	.	.000
	Q80:Freq talk pol w/friends, family in past week	.457	.000	.000	.
	Q24:Talk pol w/neighbors election time	.479	.007	.000	.000
	Q25:Talk pol w/family, friends election time	.005	.000	.000	.000
	Q15:Value personal-pol. philosophy	.423	.012	.000	.000
	Q31:Public officials don't care what I think	.135	.019	.304	.000
	Q32:Have little influence over local gov	.058	.000	.102	.220
	Q33:Don't have say about what gov does	.003	.001	.064	.000
		.022	.000	.010	.000

## Correlations

		Q2:Time lived there	Q20:Hear neigh problems community paper	Q60:Freq read community newspaper	Q79:Perceived pol. knowledge
N	Q21:Comfort voicing complaints public meeting newvar	380	380	380	380
	Q105:Education	380	380	380	380
	Q28:Feel strong ID w/community	380	380	380	380
	Q2:Time lived there	380	380	380	380
	Q20:Hear neigh problems community paper	380	380	380	380
	Q60:Freq read community newspaper	380	380	380	380
	Q79:Perceived pol. knowledge	380	380	380	380
	Q80:Freq talk pol w/friends, family in past week	380	380	380	380
	Q24:Talk pol w/neighbors election time	380	380	380	380
	Q25:Talk pol w/family, friends election time	380	380	380	380
	Q15:Value personal-pol. philosophy	380	380	380	380
	Q31:Public officials don't care what I think	380	380	380	380
	Q32:Have little influence over local gov	380	380	380	380
	Q33:Don't have say about what gov does	380	380	380	380

## Correlations

		Q80:Freq talk pol w/friends, family in past week	Q24:Talk pol w/neighbors election time	Q25:Talk pol w/family, friends election time
Sig. (1-tailed)	Q21:Comfort voicing complaints public meeting newvar	.000	.000	.000
	Q105:Education	.000	.003	.044
	Q28:Feel strong ID w/community	.000	.016	.001
	Q2:Time lived there	.024	.000	.000
	Q20:Hear neigh problems community paper	.479	.005	.423
	Q60:Freq read community newspaper	.007	.000	.012
	Q79:Perceived pol. knowledge	.000	.000	.000
	Q80:Freq talk pol w/friends, family in past week	.000	.000	.000
	Q24:Talk pol w/neighbors election time	.000	.	.000
	Q25:Talk pol w/family, friends election time	.000	.000	.
	Q15:Value personal-pol. philosophy	.000	.000	.000
	Q31:Public officials don't care what I think	.469	.205	.088
	Q32:Have little influence over local gov	.023	.115	.001
	Q33:Don't have say about what gov does	.171	.212	.001

## Correlations

		Q80:Freq talk pol w/friends, family in past week	Q24:Talk pol w/neighbors election time	Q25:Talk pol w/family, friends election time
Pearson Correlation	Q21:Comfort voicing complaints public meeting newvar	.262	.276	.258
	Q105:Education	.218	.143	.088
	Q28:Feel strong ID w/community	.236	.110	.161
	Q2:Time lived there	.102	.253	.183
	Q20:Hear neigh problems community paper	.003	.132	-.010
	Q60:Freq read community newspaper	.125	.212	.115
	Q79:Perceived pol. knowledge	.173	.218	.188
	Q80:Freq talk pol w/friends, family in past week	.515	.298	.401
	Q24:Talk pol w/neighbors election time	1.000	.369	.420
	Q25:Talk pol w/family, friends election time	.369	1.000	.491
	Q15:Value personal-pol. philosophy	.420	.491	1.000
	Q31:Public officials don't care what I think	.277	.207	.349
	Q32:Have little influence over local gov	-.004	.042	-.070
	Q33:Don't have say about what gov does	-.103	-.062	-.156
		-.049	-.041	-.162

## Correlations

		Q80:Freq talk pol w/friends, family in past week	Q24:Talk pol w/neighbors election time	Q25:Talk pol w/family, friends election time
N	Q21:Comfort voicing complaints public meeting newvar	380	380	380
	Q105:Education	380	380	380
	Q28:Feel strong ID w/community	380	380	380
	Q2:Time lived there	380	380	380
	Q20:Hear neigh problems community paper	380	380	380
	Q60:Freq read community newspaper	380	380	380
	Q79:Perceived pol. knowledge	380	380	380
	Q80:Freq talk pol w/friends, family in past week	380	380	380
	Q24:Talk pol w/neighbors election time	380	380	380
	Q25:Talk pol w/family, friends election time	380	380	380
	Q15:Value personal-pol. philosophy	380	380	380
	Q31:Public officials don't care what I think	380	380	380
	Q32:Have little influence over local gov	380	380	380
	Q33:Don't have say about what gov does	380	380	380

## Correlations

		Q15:Value personal-pol. philosophy	Q31:Public officials don't care what I think	Q32:Have little influence over local gov	Q33:Don't have say about what gov does
Pearson Correlation	Q21:Comfort voicing complaints public meeting newvar	.199	-.084	-.122	-.115
	Q105:Education	.102	.108	.052	.035
	Q28:Feel strong ID w/community	.011	-.229	-.297	-.281
	Q2:Time lived there	.125	-.145	-.207	-.137
	Q20:Hear neigh problems community paper	.057	.081	.139	.103
	Q60:Freq read community newspaper	.106	-.169	-.167	-.253
	Q79:Perceived pol. knowledge	.026	-.065	-.078	-.119
	Q80:Freq talk pol w/friends, family in past week	.426	-.040	-.187	-.178
	Q24:Talk pol w/neighbors election time	.277	-.004	-.103	-.049
	Q25:Talk pol w/family, friends election time	.207	.042	-.062	-.041
	Q15:Value personal-pol. philosophy	.349	-.070	-.156	-.162
	Q31:Public officials don't care what I think	1.000	.000	-.053	-.053
	Q32:Have little influence over local gov	.000	1.000	.510	.487
	Q33:Don't have say about what gov does	-.053	.510	1.000	.597
		-.053	.487	.597	1.000

## Correlations

		Q15:Value personal-pol. philosophy	Q31:Public officials don't care what I think	Q32:Have little influence over local gov	Q33:Don't have say about what gov does
Sig. (1-tailed)	Q21:Comfort voicing complaints public meeting newvar	.000	.050	.009	.013
	Q105:Education	.024	.017	.157	.249
	Q28:Feel strong ID w/community	.417	.000	.000	.000
	Q2:Time lived there	.007	.002	.000	.004
	Q20:Hear neigh problems community paper	.135	.058	.003	.022
	Q60:Freq read community newspaper	.019	.000	.001	.000
	Q79:Perceived pol. knowledge	.304	.102	.064	.010
	Q80:Freq talk pol w/friends, family in past week	.000	.220	.000	.000
	Q24:Talk pol w/neighbors election time	.000	.469	.023	.171
	Q25:Talk pol w/family, friends election time	.000	.205	.115	.212
	Q15:Value personal-pol. philosophy	.000	.088	.001	.001
	Q31:Public officials don't care what I think	.	.497	.153	.152
	Q32:Have little influence over local gov	.497	.	.000	.000
	Q33:Don't have say about what gov does	.153	.000	.	.000
		.152	.000	.000	.

## Correlations

		Q15:Value personal-pol. philosophy	Q31:Public officials don't care what I think	Q32:Have little influence over local gov	Q33:Don't have say about what gov does
N	Q21:Comfort voicing complaints public meeting newvar	380	380	380	380
	Q105:Education	380	380	380	380
	Q28:Feel strong ID w/community	380	380	380	380
	Q2:Time lived there	380	380	380	380
	Q20:Hear neigh problems community paper	380	380	380	380
	Q60:Freq read community newspaper	380	380	380	380
	Q79:Perceived pol. knowledge	380	380	380	380
	Q80:Freq talk pol w/friends, family in past week	380	380	380	380
	Q24:Talk pol w/neighbors election time	380	380	380	380
	Q25:Talk pol w/family, friends election time	380	380	380	380
	Q15:Value personal-pol. philosophy	380	380	380	380
	Q31:Public officials don't care what I think	380	380	380	380
	Q32:Have little influence over local gov	380	380	380	380
	Q33:Don't have say about what gov does	380	380	380	380

Variables Entered/Removed			
Model	Variables Entered	Variables Removed	Method
1	Q105:Education , newvar	.	Enter
2	Q28:Feel strong ID w/community, Q2:Time lived there	.	Enter
3	Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper	.	Enter
4	Q24:Talk pol w/neighbors election time, Q15:Value personal-pol.philosophy, Q80:Freq talk pol w/friends, family in past week, Q25:Talk pol w/family, friends election time	.	Enter
5	Q31:Public officials don't care what I think, Q33:Don't have say about what gov does, Q32:Have little influence over local gov	.	Enter

a. All requested variables entered.

b. Dependent Variable: Q21:Comfort voicing complaints public meeting

### Model Summary (f)

Model	R	R Square Change	Adjusted R Square	Std Error of the Estimate
1	.227 <sup>a</sup>	.051	.046	3.257
2	.312 <sup>b</sup>	.097	.088	3.185
3	.365 <sup>c</sup>	.134	.117	3.133
4	.431 <sup>d</sup>	.185	.161	3.055
5	.431 <sup>e</sup>	.186	.154	3.067

### Model Summary (f) Change Statistics

Model (Block)	R square Change	F Change	Df1	Df2	Sig. F Change
1	.051	10.210	2	377	.000
2	.046	9.560	2	375	.000
3	.036	5.167	3	372	.002
4	.052	5.861	4	368	.000
5	.000	.036	3	365	.991

a. Predictors: (Constant), Q105:Education , newvar

b. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there

c. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there, Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper

d. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there, Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper, Q24:Talk pol w/neighbors election time, Q15:Value personal-pol.philosophy, Q80:Freq talk pol w/friends, family in past week, Q25:Talk pol w/family, friends election time

e. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there, Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper, Q24:Talk pol w/neighbors election time, Q15:Value personal-pol.philosophy, Q80:Freq talk pol w/friends, family in past week, Q25:Talk pol w/family, friends election time, Q31:Public officials don't care what I think, Q33:Don't have say about what gov does, Q32:Have little influence over local gov

f. Dependent Variable: Q21:Comfort voicing complaints public meeting

## ANOVA(f)

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	216.564	2	108.282	10.210	.000(a)
	Residual	3998.433	377	10.606		
	Total	4214.997	379			
2	Regression	410.545	4	102.636	10.117	.000(b)
	Residual	3804.453	375	10.145		
	Total	4214.997	379			
3	Regression	562.725	7	80.389	8.188	.000(c)
	Residual	3652.272	372	9.818		
	Total	4214.997	379			
4	Regression	781.471	11	71.043	7.614	.000(d)
	Residual	3433.526	368	9.330		
	Total	4214.997	379			
5	Regression	782.482	14	55.892	5.943	.000(e)
	Residual	3432.515	365	9.404		
	Total	4214.997	379			

a. Predictors: (Constant), Q105:Education , newvar

b. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there

c. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there, Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper

d. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there, Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper, Q24:Talk pol w/neighbors election time, Q15:Value personal-pol.philosophy, Q80:Freq talk pol w/friends, family in past week, Q25:Talk pol w/family, friends election time

e. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there, Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper, Q24:Talk pol w/neighbors election time, Q15:Value personal-pol.philosophy, Q80:Freq talk pol w/friends, family in past week, Q25:Talk pol w/family, friends election time, Q31:Public officials don't care what I think, Q33:Don't have say about what gov does, Q32:Have little influence over local gov

f. Dependent Variable: Q21:Comfort voicing complaints public meeting

## Coefficients (a)

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics		
		B	Std. Error	Beta			Tolerance	VIF	
1	(Constant)	4.213	.567		7.437	.000			
	newvar	-.268	.337	-.040	-.795	.427	.988	1.012	
	Q105:Education	.583	.129	.228	4.509	.000	.988	1.012	
2	(Constant)	2.764	.748		3.697	.000			
	newvar	-.206	.330	-.031	-.623	.534	.985	1.015	
	Q105:Education	.557	.128	.218	4.354	.000	.964	1.038	
	Q28:Feel strong ID w/community	.240	.056	.217	4.328	.000	.957	1.045	
3	Q2:Time lived there	-.023	.089	-.013	-.257	.797	.940	1.064	
	(Constant)	2.171	.752		2.887	.004			
	newvar	-.276	.333	-.041	-.830	.407	.934	1.071	
	Q105:Education	.366	.136	.143	2.693	.007	.827	1.210	
	Q28:Feel strong ID w/community	.161	.059	.145	2.731	.007	.822	1.216	
	Q2:Time lived there	-.042	.088	-.024	-.476	.634	.927	1.078	
	Q20:Hear neigh problems community paper	.093	.060	.093	1.555	.121	.655	1.527	
	Q60:Freq read community newspaper	.056	.111	.030	.508	.612	.670	1.492	
	Q79:Perceived pol. knowledge	.202	.068	.163	2.992	.003	.789	1.268	
	4	(Constant)	1.487	.824		1.806	.072		
newvar		-.528	.331	-.079	-1.595	.112	.899	1.112	
Q105:Education		.392	.134	.153	2.917	.004	.803	1.245	
Q28:Feel strong ID w/community		.133	.058	.120	2.278	.023	.801	1.249	
Q2:Time lived there		-.064	.086	-.036	-.739	.460	.911	1.098	
Q20:Hear neigh problems community paper		.073	.059	.073	1.236	.217	.642	1.557	
Q60:Freq read community newspaper		.044	.109	.023	.400	.689	.653	1.531	
Q79:Perceived pol. knowledge		.020	.079	.016	.251	.802	.543	1.841	
Q80:Freq talk pol w/friends, family in past week		.300	.159	.111	1.886	.060	.643	1.556	
Q24:Talk pol w/neighbors election time		.131	.057	.133	2.319	.021	.674	1.484	
Q25:Talk pol w/family, friends election time		.054	.063	.051	.864	.388	.625	1.600	
Q15:Value personal-pol.philosophy		.131	.070	.102	1.858	.064	.740	1.352	
5		(Constant)	1.471	1.001		1.470	.142		
		newvar	-.526	.334	-.079	-1.576	.116	.891	1.122
		Q105:Education	.392	.141	.153	2.783	.006	.737	1.356
	Q28:Feel strong ID w/community	.134	.060	.121	2.241	.026	.768	1.303	
	Q2:Time lived there	-.066	.087	-.038	-.751	.453	.894	1.119	
	Q20:Hear neigh problems community paper	.072	.061	.071	1.184	.237	.612	1.633	
	Q60:Freq read community newspaper	.043	.110	.023	.393	.694	.649	1.541	
	Q79:Perceived pol. knowledge	.022	.080	.018	.276	.783	.536	1.865	
	Q80:Freq talk pol w/friends, family in past week	.301	.160	.111	1.877	.061	.637	1.569	
	Q24:Talk pol w/neighbors election time	.133	.057	.134	2.316	.021	.665	1.504	
	Q25:Talk pol w/family, friends election time	.054	.063	.051	.848	.397	.613	1.631	
	Q15:Value personal-pol.philosophy	.130	.071	.101	1.846	.066	.739	1.353	
	Q31:Public officials don't care what I think	-.016	.061	-.015	-.256	.798	.661	1.513	
	Q32:Have little influence over local gov	.018	.066	.017	.270	.787	.545	1.836	
	Q33:Don't have say about what gov does	-.003	.063	-.003	-.048	.962	.562	1.779	

a Dependent Variable: Q21:Comfort voicing complaints public meeting

**Excluded Variables(e)**

Model	Beta In	t	Sig.	Partial Correlation	Collinearity Statistics			
					Tolerance	VIF	Minimum Tolerance	
1	Q28:Feel strong ID w/community	.214(a)	4.371	.000	.220	.997	1.003	.986
	Q2:Time lived there	.031(a)	.611	.541	.032	.980	1.021	.968
	Q20:Hear neigh problems community paper	.186(a)	3.704	.000	.188	.963	1.038	.963
	Q60:Freq read community newspaper	.147(a)	2.907	.004	.148	.965	1.037	.953
	Q79:Perceived pol. knowledge	.223(a)	4.191	.000	.211	.852	1.173	.852
	Q80:Freq talk pol w/friends, family in past week	.239(a)	4.661	.000	.234	.907	1.102	.907
	Q24:Talk pol w/neighbors election time	.265(a)	5.389	.000	.268	.971	1.030	.971
	Q25:Talk pol w/family, friends election time	.232(a)	4.675	.000	.234	.969	1.032	.965
	Q15:Value personal-pol.philosophy	.203(a)	4.114	.000	.208	.990	1.010	.978
	Q31:Public officials don't care what I think	-.030(a)	-.576	.565	-.030	.929	1.076	.929
	Q32:Have little influence over local gov	-.058(a)	-1.096	.274	-.056	.904	1.106	.896
	Q33:Don't have say about what gov does	-.054(a)	-1.029	.304	-.053	.917	1.091	.907
	2	Q20:Hear neigh problems community paper	.128(b)	2.431	.016	.125	.851	1.176
Q60:Freq read community newspaper		.093(b)	1.776	.076	.091	.868	1.152	.868
Q79:Perceived pol. knowledge		.179(b)	3.329	.001	.170	.807	1.239	.807
Q80:Freq talk pol w/friends, family in past week		.218(b)	4.296	.000	.217	.897	1.115	.897
Q24:Talk pol w/neighbors election time		.227(b)	4.493	.000	.226	.896	1.116	.896
Q25:Talk pol w/family, friends election time		.198(b)	3.989	.000	.202	.936	1.069	.924
Q15:Value personal-pol.philosophy		.179(b)	3.652	.000	.186	.972	1.029	.939
Q31:Public officials don't care what I think		.001(b)	.028	.978	.001	.906	1.103	.906
Q32:Have little influence over local gov	-.011(b)	-2.200	.842	-.010	.848	1.179	.848	

3	Q33:Don't have say about what gov does	-.024(b)	-.460	.646	-.024	.893	1.120	.893
	Q80:Freq talk pol w/friends, family in past week	.171(c)	3.024	.003	.155	.712	1.405	.636
	Q24:Talk pol w/neighbors election time	.189(c)	3.636	.000	.186	.839	1.192	.651
	Q25:Talk pol w/family, friends election time	.159(c)	3.007	.003	.154	.821	1.219	.654
	Q15:Value personal-pol.philosophy	.135(c)	2.484	.013	.128	.782	1.279	.641
4	Q31:Public officials don't care what I think	.000(c)	-.001	.999	.000	.891	1.123	.646
	Q32:Have little influence over local gov	.005(c)	.096	.924	.005	.838	1.194	.650
	Q33:Don't have say about what gov does	.006(c)	.117	.907	.006	.854	1.171	.630
	Q31:Public officials don't care what I think	-.009(d)	-.171	.864	-.009	.877	1.140	.541
	Q32:Have little influence over local gov	.009(d)	.171	.864	.009	.831	1.204	.542
	Q33:Don't have say about what gov does	.000(d)	-.005	.996	.000	.835	1.198	.542

a. Predictors: (Constant), Q105:Education , newvar

b. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there

c. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there, Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper

d. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there, Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper, Q24:Talk pol w/neighbors election time, Q15:Value personal-pol.philosophy, Q80:Freq talk pol w/friends, family in past week, Q25:Talk pol w/family, friends election time

e. Predictors: (Constant), Q105:Education , newvar, Q28:Feel strong ID w/community, Q2:Time lived there, Q60:Freq read community newspaper, Q79:Perceived pol. knowledge, Q20:Hear neigh problems community paper, Q24:Talk pol w/neighbors election time, Q15:Value personal-pol.philosophy, Q80:Freq talk pol w/friends, family in past week, Q25:Talk pol w/family, friends election time, Q31:Public officials don't care what I think, Q33:Don't have say about what gov does, Q32:Have little influence over local gov

f. Dependent Variable: Q21:Comfort voicing complaints public meeting

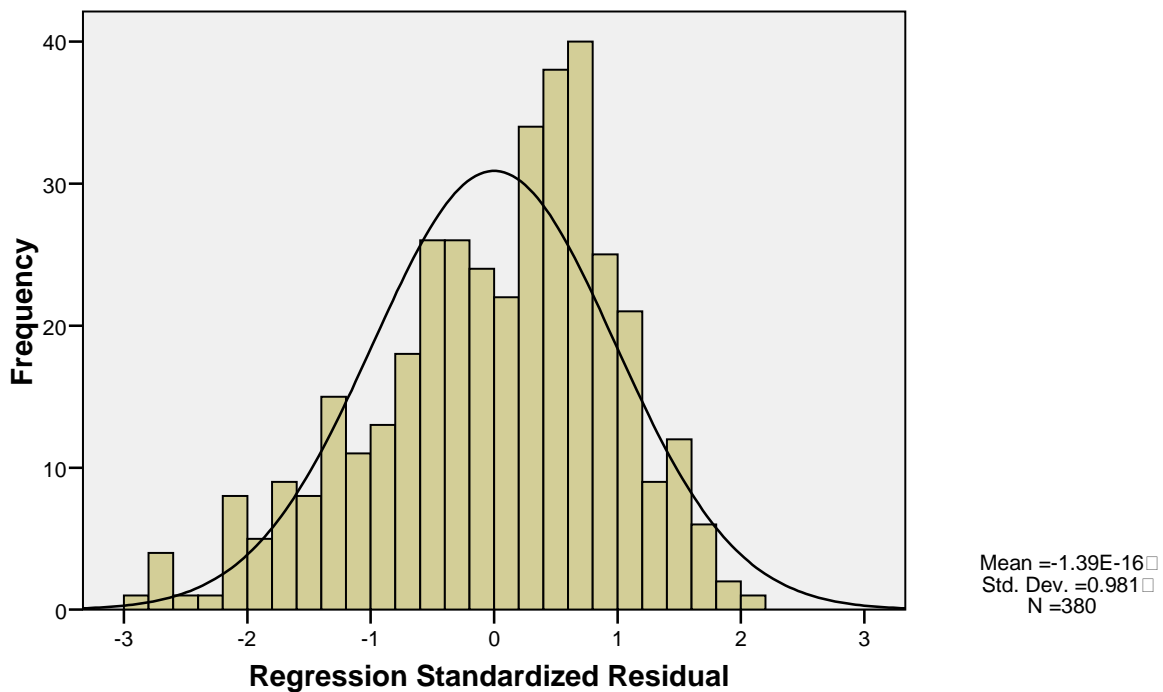
#### Residuals Statistics(a)

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.88	9.99	6.50	1.437	380
Residual	-8.892	6.365	.000	3.009	380
Std. Predicted Value	-3.214	2.424	.000	1.000	380
Std. Residual	-2.899	2.076	.000	.981	380

a Dependent Variable: Q21:Comfort voicing complaints public meeting

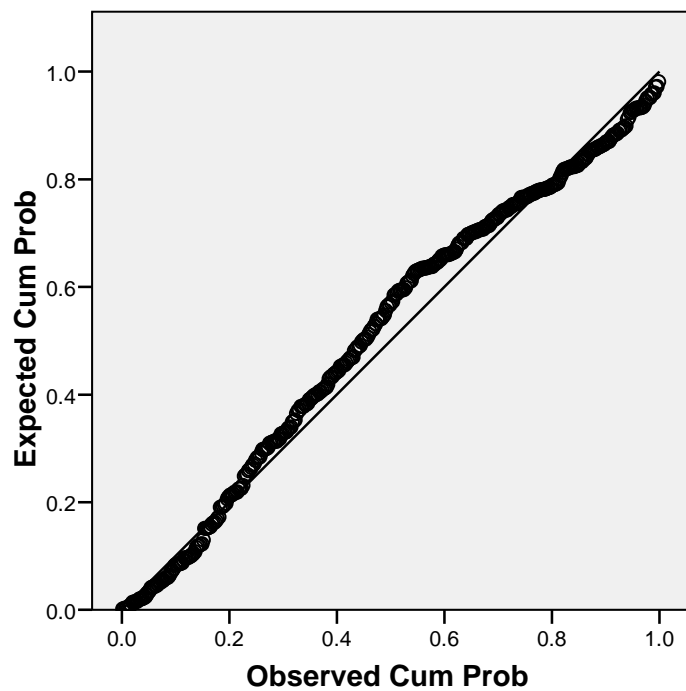
### Histogram

Dependent Variable: Q21:Comfort voicing complaints public meeting



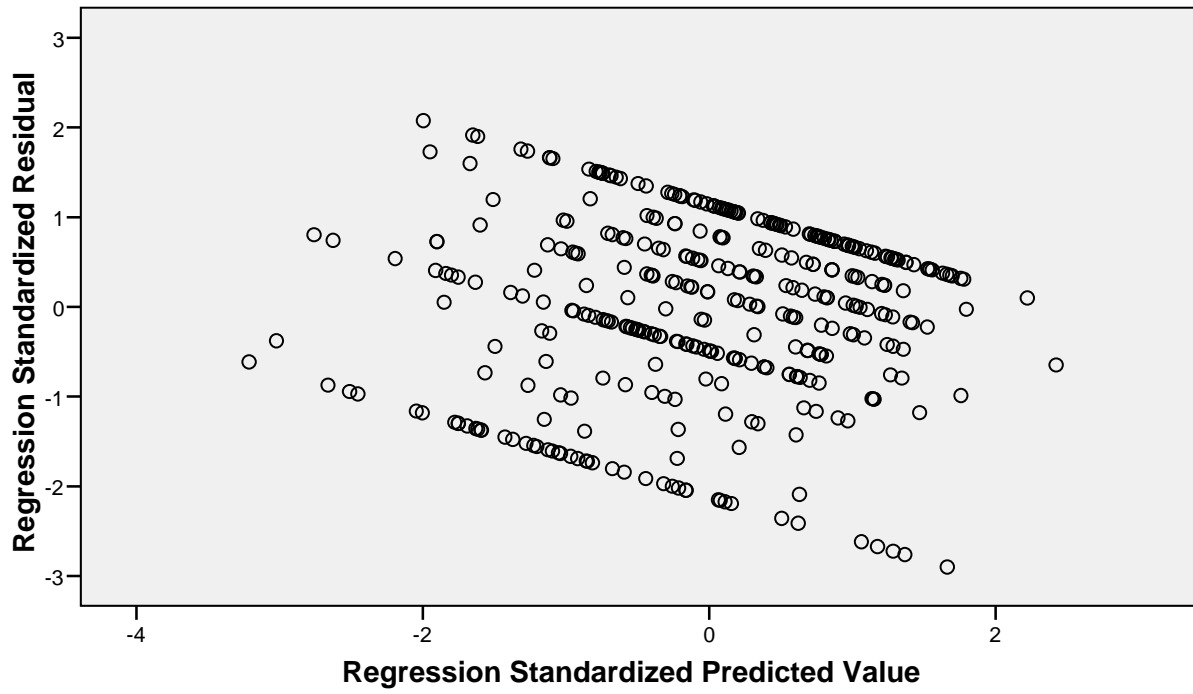
### Normal P-P Plot of Regression Standardized Residual

Dependent Variable: Q21:Comfort voicing complaints public meeting



### Scatterplot

Dependent Variable: Q21:Comfort voicing complaints public meeting



Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Eigenvalue	Condition Index
1	1	2.552	1.000
	2	.403	2.517
	3	.046	7.461
2	1	4.203	1.000
	2	.479	2.964
	3	.160	5.126
	4	.125	5.806
	5	.033	11.216
3	1	6.741	1.000
	2	.531	3.563
	3	.207	5.707
	4	.177	6.168
	5	.124	7.368
	6	.099	8.261
	7	.088	8.768
	8	.033	14.279
4	1	9.896	1.000
	2	.543	4.270
	3	.385	5.069
	4	.274	6.014
	5	.224	6.639
	6	.167	7.690
	7	.122	9.014
	8	.108	9.564
	9	.104	9.756
	10	.085	10.811
	11	.066	12.250
	12	.027	19.291
5	1	11.905	1.000
	2	.775	3.918
	3	.543	4.681
	4	.356	5.780
	5	.274	6.593
	6	.202	7.671
	7	.178	8.187
	8	.155	8.758
	9	.132	9.501
	10	.113	10.276
	11	.104	10.676
	12	.098	11.046
	13	.083	11.993
	14	.062	13.908
	15	.020	24.679

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Variance Proportions					
		(Constant)	newvar	Q105: Education	Q28:Feel strong ID w/community	Q2:Time lived there	Q20:Hear neigh problems community paper
1	1	.01	.06	.01			
	2	.03	.94	.03			
	3	.96	.00	.96			
2	1	.00	.02	.00	.01	.01	
	2	.00	.92	.00	.02	.02	
	3	.01	.02	.16	.02	.71	
	4	.02	.04	.15	.87	.06	
	5	.97	.00	.69	.07	.21	
3	1	.00	.01	.00	.00	.00	.00
	2	.00	.80	.00	.01	.00	.02
	3	.01	.04	.00	.01	.43	.12
	4	.01	.10	.10	.00	.18	.05
	5	.00	.03	.04	.81	.11	.01
	6	.00	.03	.00	.09	.00	.77
	7	.06	.00	.24	.02	.07	.03
	8	.92	.01	.61	.06	.20	.01
4	1	.00	.00	.00	.00	.00	.00
	2	.00	.67	.00	.01	.01	.02
	3	.00	.14	.00	.01	.03	.01
	4	.00	.06	.01	.01	.02	.00
	5	.01	.05	.00	.00	.14	.13
	6	.00	.00	.03	.00	.48	.00
	7	.00	.02	.03	.72	.07	.02
	8	.00	.01	.02	.20	.00	.47
	9	.01	.02	.31	.00	.00	.00
	10	.01	.02	.02	.00	.00	.24
	11	.04	.01	.02	.00	.10	.09
	12	.93	.01	.55	.04	.14	.01
5	1	.00	.00	.00	.00	.00	.00
	2	.00	.00	.00	.00	.00	.01
	3	.00	.64	.00	.01	.01	.02
	4	.00	.21	.01	.01	.01	.02
	5	.00	.07	.01	.01	.02	.01
	6	.00	.00	.00	.03	.09	.09
	7	.00	.00	.01	.00	.12	.00
	8	.00	.00	.02	.01	.47	.00
	9	.00	.00	.00	.36	.07	.01
	10	.00	.02	.07	.07	.07	.31
	11	.01	.01	.22	.08	.00	.04
	12	.00	.00	.05	.32	.04	.07
	13	.01	.02	.02	.02	.01	.28
	14	.01	.01	.05	.00	.03	.10
	15	.96	.00	.54	.07	.06	.03

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Variance Proportions				
		Q60:Freq read community newspaper	Q79:Perceived pol. knowledge	Q80:Freq talk pol w/friends, family in past week	Q24:Talk pol w/neighbors election time	Q25:Talk pol w/family, friends election time
1	1					
	2					
	3					
2	1					
	2					
	3					
	4					
	5					
3	1	.00	.00			
	2	.01	.00			
	3	.18	.00			
	4	.12	.22			
	5	.12	.00			
	6	.56	.02			
	7	.00	.75			
	8	.01	.00			
4	1	.00	.00	.00	.00	.00
	2	.01	.00	.02	.00	.00
	3	.01	.00	.16	.27	.02
	4	.01	.03	.25	.45	.00
	5	.23	.00	.05	.00	.02
	6	.00	.02	.35	.00	.08
	7	.16	.00	.03	.00	.05
	8	.18	.01	.00	.03	.10
	9	.10	.02	.00	.13	.27
	10	.22	.32	.05	.06	.30
	11	.09	.55	.10	.04	.15
	12	.00	.07	.00	.01	.02
5	1	.00	.00	.00	.00	.00
	2	.00	.00	.02	.02	.00
	3	.01	.00	.02	.00	.00
	4	.03	.00	.11	.26	.01
	5	.01	.02	.25	.43	.00
	6	.23	.00	.12	.00	.03
	7	.00	.02	.17	.00	.02
	8	.01	.00	.12	.01	.04
	9	.00	.00	.00	.00	.03
	10	.27	.00	.02	.00	.07
	11	.14	.02	.00	.15	.32
	12	.02	.01	.04	.00	.00
	13	.19	.30	.03	.06	.29
	14	.08	.60	.10	.03	.13
	15	.00	.03	.01	.03	.04

Collinearity Diagnostics<sup>a</sup>

Model	Dimension	Variance Proportions			
		Q15:Value personal-pol. philosophy	Q31:Public officials don't care what I think	Q32:Have little influence over local gov	Q33:Don't have say about what gov does
1	1				
	2				
	3				
2	1				
	2				
	3				
	4				
	5				
3	1				
	2				
	3				
	4				
	5				
	6				
	7				
	8				
4	1	.00			
	2	.00			
	3	.00			
	4	.01			
	5	.04			
	6	.03			
	7	.00			
	8	.16			
	9	.12			
	10	.10			
	11	.33			
	12	.20			
5	1	.00	.00	.00	.00
	2	.00	.06	.04	.06
	3	.00	.00	.00	.00
	4	.00	.02	.00	.01
	5	.01	.00	.00	.00
	6	.06	.08	.00	.00
	7	.02	.49	.02	.18
	8	.00	.24	.03	.15
	9	.01	.05	.34	.25
	10	.08	.01	.10	.02
	11	.03	.00	.01	.01
	12	.22	.00	.32	.23
	13	.07	.02	.07	.02
	14	.39	.01	.00	.04
	15	.12	.02	.05	.03

a. Dependent Variable: Q21:Comfort voicing complaints public meeting

Table 1  
Hierarchical Multiple Regression Predicting Comfort Voicing Complaint  
at a Community or Public Meeting

Block name and number	Variable	r	Final Beta	R <sup>2</sup> change
<b>1: Demographics</b>	Newvar (maleness)	-.015	-.079	.051**
	Q105 (edu)	.223**	.153**	
<b>2: Community Tenure</b>	Q2 (lived)	-.002	-.038	.046**
	Q28 (I.D.)	.223**	.121*	
<b>3: Political Knowledge</b>	Q20 (prob's newspaper)	.266**	.071	.036**
	Q60 (freq read paper)	.184**	.023	
	Q79 (per. pol. Knowledge)	.266**	.018	
<b>4: Political Communication</b>	Q15 (value personal-pol phil)	.199**	.101	.052**
	Q24 (talk pol neigh)	.276**	.134*	
	Q25 (talk pol fam)	.258**	.051	
	Q80 (freq of pol talk past week)	.262**	.111	
<b>5: Political Climate</b>	Q31 (officials don't care)	-.084*	-.015	.000
	Q32 (have little infl over loc gov)	-.122**	.017	
	Q33 (don't have say over gov)	-.115*	-.003	

\*Denotes  $p < 0.05$

\*\*Denotes  $p < 0.01$

**Total Model (Equation):**

$$R^2 = .186$$

$$\text{Adjusted } R^2 = .154$$

$$F_{(14, 365)} = 5.943***$$

\*\*\* Denotes  $p < .001$

An overall analysis of the model indicates that ( $R^2$ )18.6% of the variance in the DV (Q21, how comfortable one is voicing a complaint at a public community meeting) is explained by the IVs. However, when adjusted for random error, 15.4% (adjusted  $R^2$ ) of the variance in the DV is explained by the IVs. The total  $R^2$  is statistically significant at  $p < .001$  indicating we are 99.9% confident that the regression equation reflects a significant multivariate relationship in the population. Also blocks 1-4 are good predictors of the DV (Q21) whereas block 5 is not a good predictor of the DV.

As you can see from the above table all of the IVs, except Newvar (maleness) and length of time lived in the community (Q2) indicate a significant simple bivariate correlation ( $r$ ) with the DV (Q21).

**Block 1 Demographics:** The Newvar (maleness) was not significantly correlated with the DV (Q21) so gender does not have an effect on one's answer to "I'd feel comfortable voicing a complaint at a public meeting in my community." Education (Q105) however was found to have a significant positive correlation of  $r = .223$  between it and the DV (Q21), therefore the more education one has the more likely one is to answer positively to "I'd feel comfortable voicing a complaint at a public meeting in my community." Education also has a significant unique contribution to the DV (Q21), controlling for the other IVs, with a Final Beta of .153. The overall block indicates a significant  $R^2$  change of .051 indicating that block one accounts for 5.1% of the variance in the DV (Q21).

**Block 2 Community Tenure:** The length of time lived in a community (Q2) is not significantly correlated with the DV (Q21). Therefore the length of time lived in a community is not related to one's answer to "I'd feel comfortable voicing a complaint at a public meeting in my community." One's identification with one's community (Q28) has a significant, positive relationship of  $r = .223$  with the DV (Q21), so the more one identifies with their community the more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. Q28 also has a significant unique contribution to the variance in the DV with a Final Beta of .121 when controlling for all other variables. The overall block 2 indicates a significant  $R^2$  change of .046, where block two accounts for 4.6% of the overall variance in the DV (Q21) after controlling for block one.

**Block 3 Political Knowledge:** Learning about community problems from the community newspaper (Q20) has a significant positive relationship of  $r = .266$  with the DV (Q21), so the more one reads about problems in the newspaper the more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. The amount of time spent reading the community newspaper (Q60) also has a significant positive relationship of  $r = .184$  with the DV (Q21), so the more time spent reading the community newspaper the more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. How knowledgeable one perceives themselves to be about politics and current events (Q79) also has a significant positive relationship of  $r = .266$  with the DV (Q21), so the more knowledgeable one perceives them themselves to be about politics and current events the more likely they will be to

feel comfortable voicing a complaint at a public meeting in their community. The overall block 3 indicates a significant  $R^2$  change of .036, where block three accounts for 3.6% of the overall variance in the DV (Q21) after controlling for blocks one and two. None of the individual variables in block three has a significant unique contribution to the DV.

**Block 4 Political Communication:** How much one values their personal political philosophy (Q15) has a significant positive relationship of  $r = .199$  with the DV (Q21), so the more one values their personal political philosophy more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. Discussing political candidates and issues during election time with neighbors (Q24) has a significant positive relationship of  $r = .276$  with the DV (Q21), so the more one agrees with the statement “I generally discuss political candidates and issues with neighbors at election time” the more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. Political discussion with neighbors also has a significant unique contribution on the DV (Q21), controlling for the other IVs, with a Final Beta of .134. Discussing political candidates and issues during election time with friends and family (Q25) has a significant positive relationship of  $r = .258$  with the DV (Q21), so the more one agrees with the statement “I generally discuss political candidates and issues with friends and family at election time” the more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. The weekly frequency of engaging in political communication (Q80) has a significant positive relationship of  $r = .262$  with the DV (Q21), so the more one engages in political communication on a weekly basis the more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. The overall block 4 indicates a significant  $R^2$  change of .052, where block four accounts for 5.2% of the overall variance in the DV (Q21) after controlling for blocks one, two, and three. Of the four IVs in block four, only Q24 (talking politics with neighbors) has a significant unique relationship with the DV.

**Block 5 Political Climate:** The amount of agreement with the statement, “Public officials don’t care much what people like me think” (Q31) has a significant negative correlation of  $r = -.084$  with the DV (Q21), so the less one agrees with the statement “Public officials don’t care much what people like me think” the more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. The amount of agreement with the statement, “Other than voting, people like me have little influence over local government actions” (Q32) has a significant negative correlation of  $r = -.122$  with the DV (Q21), so the less one agrees with the statement “Other than voting, people like me have little influence over local government actions” the more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. The amount of agreement with the statement, “People like me don’t have any say about what the government does” (Q33) has a significant negative correlation of  $r = -.115$  with the DV (Q21), so the less one agrees with the statement “People like me don’t have any say about what the government does” the more likely they will be to feel comfortable voicing a complaint at a public meeting in their community. The overall block 5 indicates a non-significant  $R^2$  change of .000, where block five accounts for 0% of the overall variance in the DV (Q21) after controlling for blocks one, two, three, and four.