MEANS procedure

Analysis variable: count						
nationality	year	Number of observations	average	Standard deviation	95% lower confidence limit for the average	95% upper confidence limit for the average
north-k	1998	32	47.8437500	63.4874178	24.9540950	70.7334050
	2004	32	60.1250000	85.8414705	29.1758495	91.0741505
	2010	32	36.1562500	49.3219243	18.3738000	53.9387000
	2016	32	28.2812500	40.4532660	13.6962923	42.8662077
	2022	32	11.4062500	18.5017164	4.7356699	18.0768301
south-k	1998	32	670.4375000	955.6956236	325.8724840	1015.00
	2004	32	645.5625000	865.8481182	333.3909641	957.7340359
	2010	32	740.7500000	924.0423116	407.5972200	1073.90
	2016	32	1005.63	1235.80	560.0718852	1451.18
	2022	32	1205.00	1503.90	662.7851526	1747.21

FREQ Procedure

gender	frequency	percentage	Cumulative frequency	Cumulative Percentage
male	57695	42.25	57695	42.25
fema	78861	57.75	136556	100.00

Binomial ratio	
gender = male	
ratio	0.4225
WEAPON	0.0013
95% lower confidence limit	0.4199
95% upper confidence limit	0.4251
Exact Confidence Limits	
95% lower confidence limit	0.4199
95% upper confidence limit	0.4251

H0: Test of P = 0.422	
ASE under H0	0.0013
With	0.3746
Unilateral PR > Z	0.3540
Bilateral PR > |Z|	0.7080

Sample size = 136556

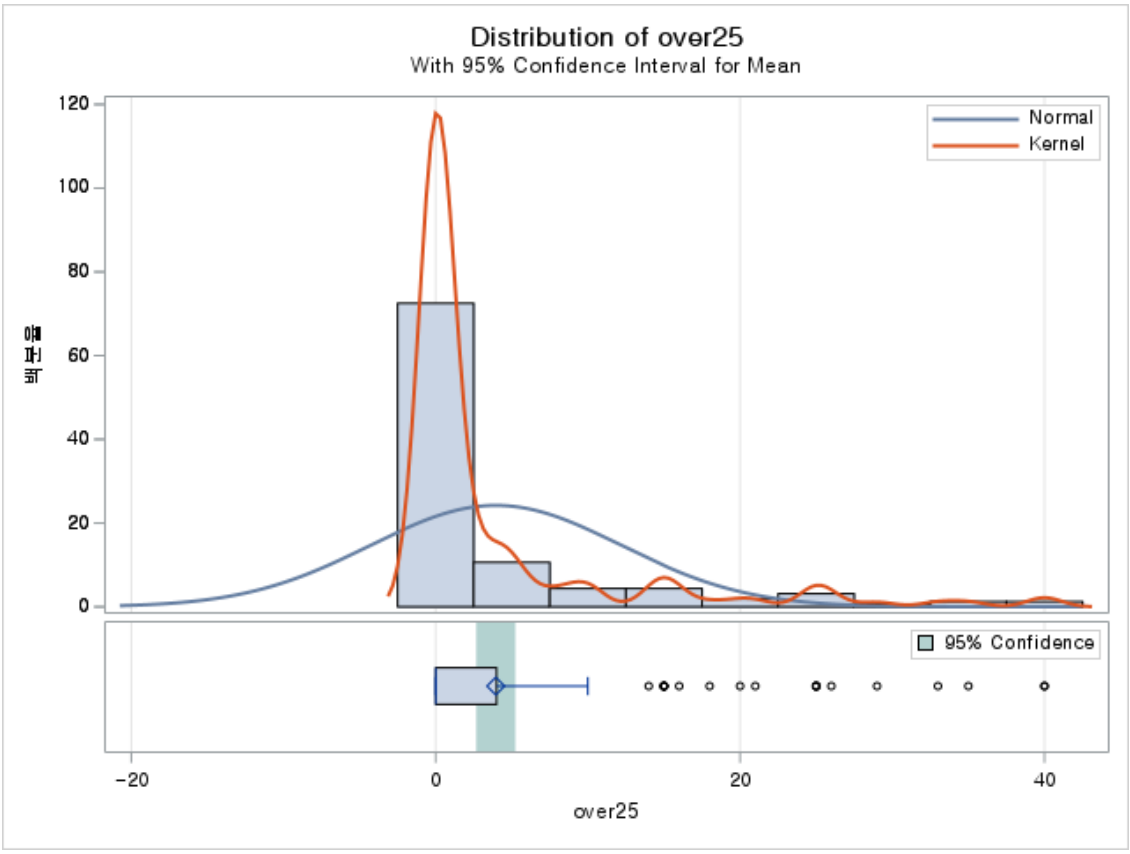
The TTEST Procedure

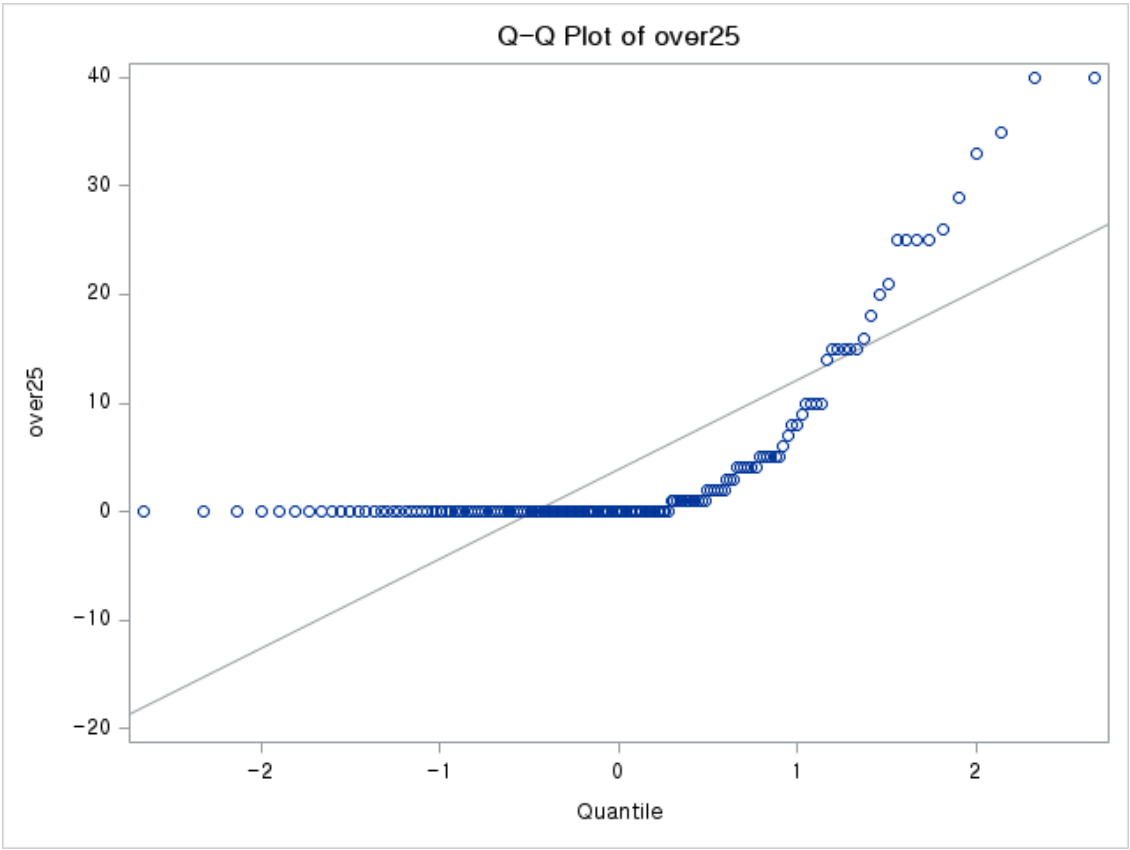
Variable: over25

N	Mean	Std Dev	Std Err	Minimum	Maximum
160	3.9500	8.2338	0.6509	0	40.0000

Mean	95% CL Mean		Std Dev	95% CL Std Dev	
3.9500	2.6644	5.2356	8.2338	7.4197	9.2502

DF	t Value	Pr > |t|
159	-1.61	0.1087





The TTEST Procedure

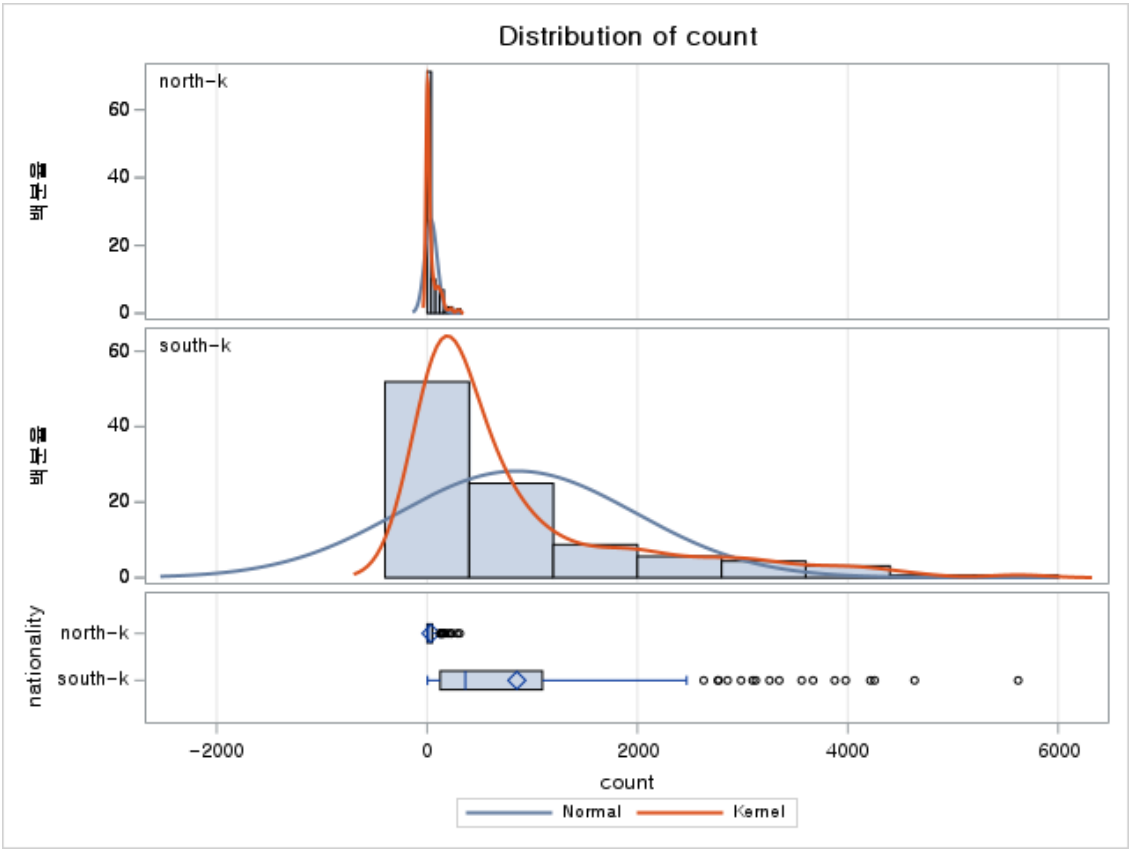
Variable: count

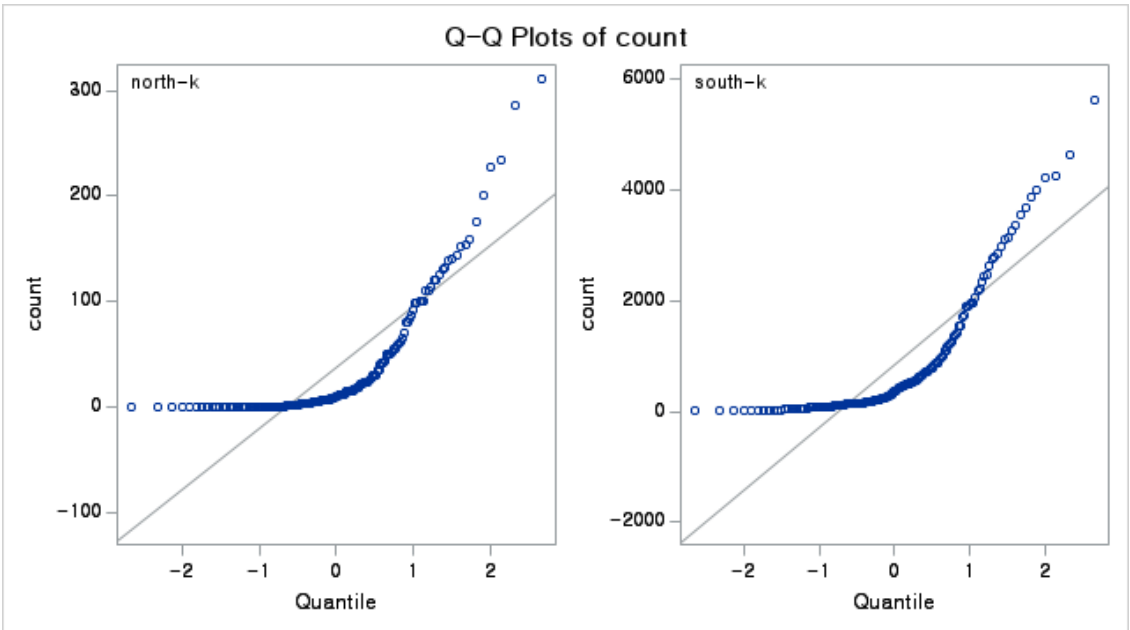
nationality	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum
north-k		160	36.7625	57.9752	4.5833	0	311.0
south-k		160	853.5	1130.0	89.3367	4.0000	5620.0
Diff (1-2)	Pooled		-816.7	800.1	89.4541		
Diff (1-2)	Satterthwaite		-816.7		89.4541		

nationality	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
north-k		36.7625	27.7104	45.8146	57.9752	52.2431	65.1314
south-k		853.5	677.0	1029.9	1130.0	1018.3	1269.5
Diff (1-2)	Pooled	-816.7	-992.7	-640.7	800.1	742.5	867.5
Diff (1-2)	Satterthwaite	-816.7	-993.4	-640.0			

Method	Variances	DF	t Value	Pr > |t|
Pooled	Equal	318	-9.13	<.0001
Satterthwaite	Unequal	159.84	-9.13	<.0001

Equality of Variances				
Method	In a DF	The DF	F Value	Pr > F
Folded F	159	159	379.92	<.0001





frequency
Expectation
Row Percentage

Table state * gender

state	gender		
	male	fema	sum
Baden-Württemberg	4935 5353.5 38.95	7736 7317.5 61.05	12671
Bavaria	4517 5051.8 37.78	7440 6905.2 62.22	11957
Berlin	7375 7715.3 40.39	10886 10546 59.61	18261
Brandenburg	283 306.31 39.03	442 418.69 60.97	725
Bremen	691 692.9 42.13	949 947.1 57.87	1640
Hamburg	3088 3042.4 42.88	4113 4158.6 57.12	7201
Hesse	14562 13373 46.01	17089 18278 53.99	31651
Mecklenburg-Western Pomerania	218 190.13 48.44	232 259.87 51.56	450
Lower Saxony	2258 2357.1 40.47	3321 3221.9 59.53	5579
North Rhine-Westphalia	14606 14207 43.44	19021 19420 56.56	33627
Rhineland-Palatinate	1556 1737.3 37.84	2556 2374.7 62.16	4112
Saarland	552 538.69 43.29	723 736.31 56.71	1275
Saxony	1434 1491.8 40.61	2097 2039.2 59.39	3531
Saxony-Anhalt	340 340.96 42.13	467 466.04 57.87	807
Schleswig-Holstein	804 806.98 42.09	1106 1103 57.91	1910
Thuringia	476 489.68 41.07	683 669.32 58.93	1159
sum	57695	78861	136556

Statistics for the state * gender table

Statistics	Freedom	value	Prob
Chi-square	15	439.7147	<.0001
Udobi chi-square	15	440.3820	<.0001
Mantel-Haenszel chi-square	1	91.1471	<.0001
Pi coefficient		0.0567	
Contingency coefficient		0.0567	
Kramer's V		0.0567	

Statistics	value	WEAPON
gamma	-0.0331	0.0037
Kendall's Tau-b	-0.0212	0.0024
Stuart's Tau-c	-0.0272	0.0030
Somers D C|R	-0.0161	0.0018
Somers D R|C	-0.0279	0.0031
Pearson correlation coefficient	-0.0258	0.0027
Spearman correlation coefficient	-0.0243	0.0027
Lambda Asymmetric C|R	0.0000	0.0000
Lambda asymmetric R|C	0.0000	0.0000

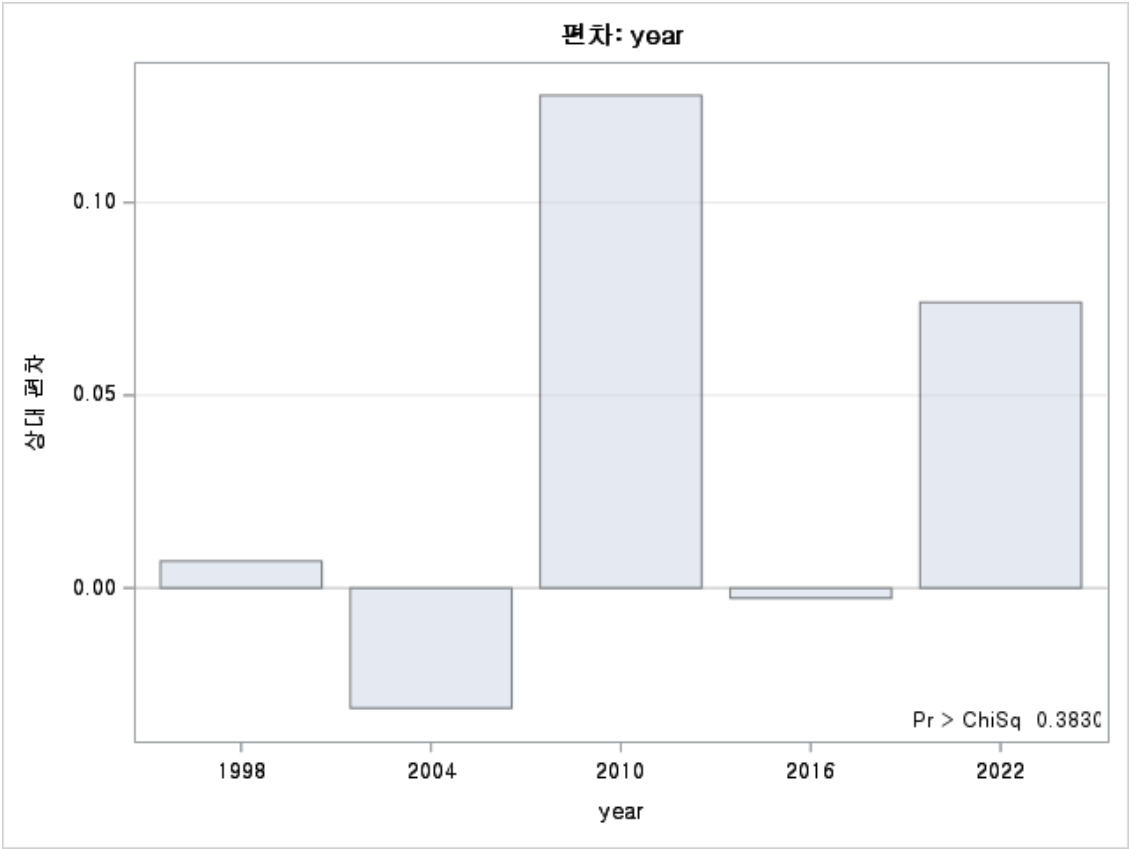
Statistics	value	WEAPON
Lambda symmetry	0.0000	0.0000
Uncertainty coefficient C|R	0.0024	0.0002
Uncertainty coefficient R|C	0.0008	0.0001
Uncertainty coefficient symmetry	0.0011	0.0001

Sample size = 136556

FREQ Procedure

year	frequency	percentage	Test Percentage
1998	450	24.17	24.00
2004	902	48.44	50.00
2010	210	11.28	10.00
2016	260	13.96	14.00
2022	40	2.15	2.00

Chi-square test for specified ratios	
Chi-square	4.1735
Freedom	4
Pr > ChiSq	0.3830



Sample size = 1862

The GLM Procedure

Class Level Information		
Class	Levels	Values
sphere	3	Berlin Eastgermany West Germany

Number of Observations Read	160
Number of Observations Used	160

The GLM Procedure

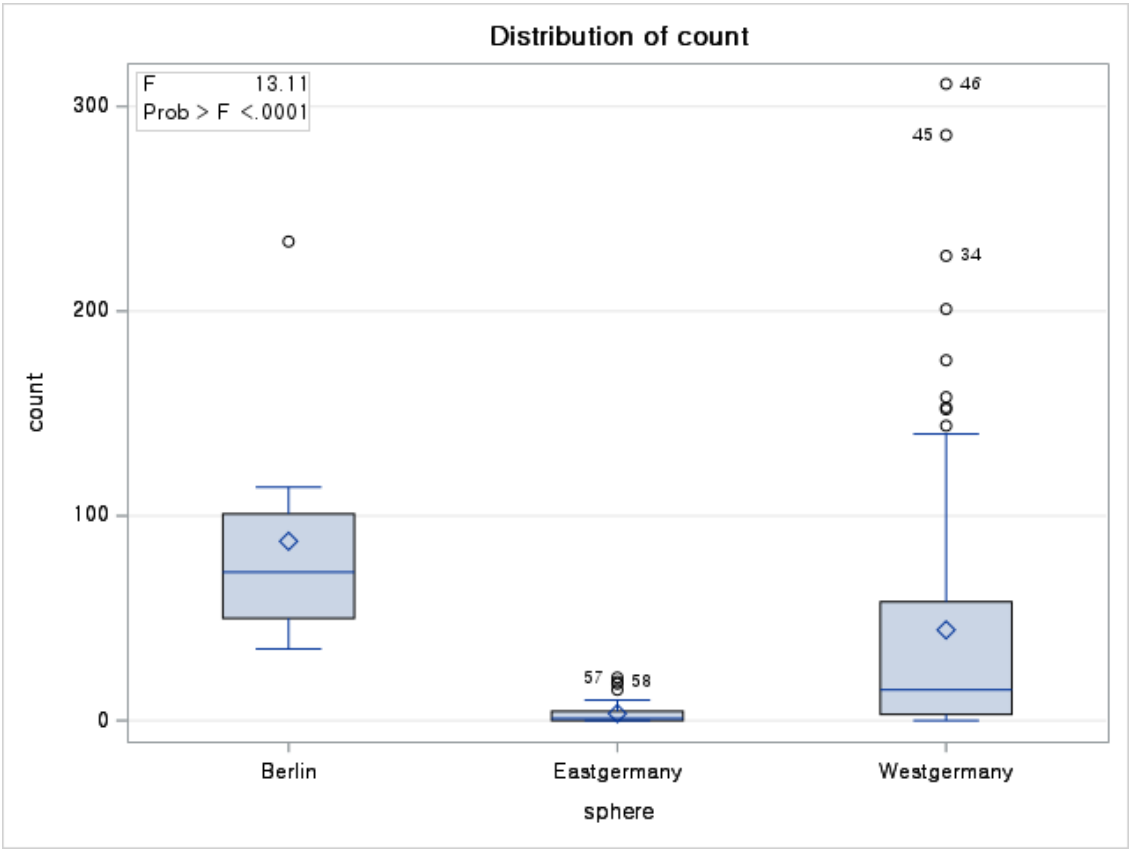
Dependent Variable: count

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	76489.4455	38244.7227	13.11	<.0001
Error	157	457929.5295	2916.7486		
Corrected Total	159	534418.9750			

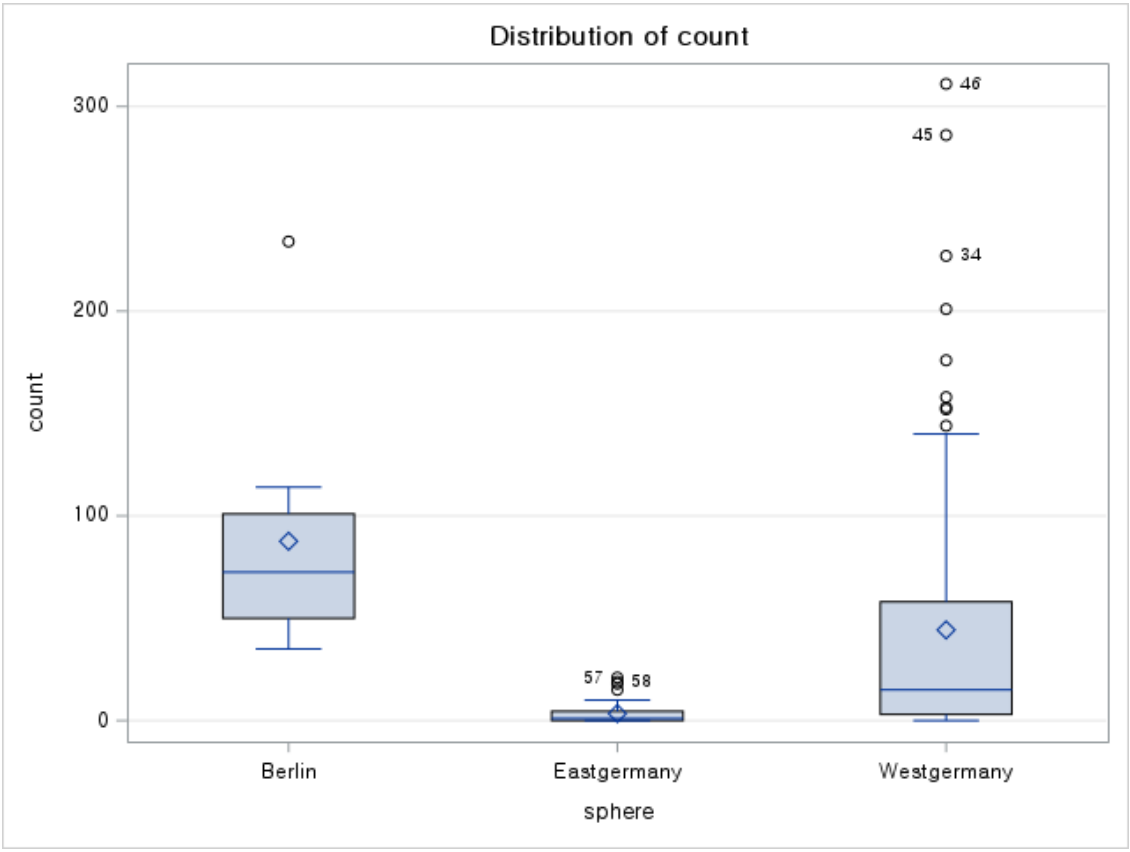
R-Square	Coeff Var	Root MSE	count Mean
0.143126	146.9077	54.00693	36.76250

Source	DF	Type I SS	Mean Square	F Value	Pr > F
sphere	2	76489.44545	38244.72273	13.11	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
sphere	2	76489.44545	38244.72273	13.11	<.0001



The GLM Procedure

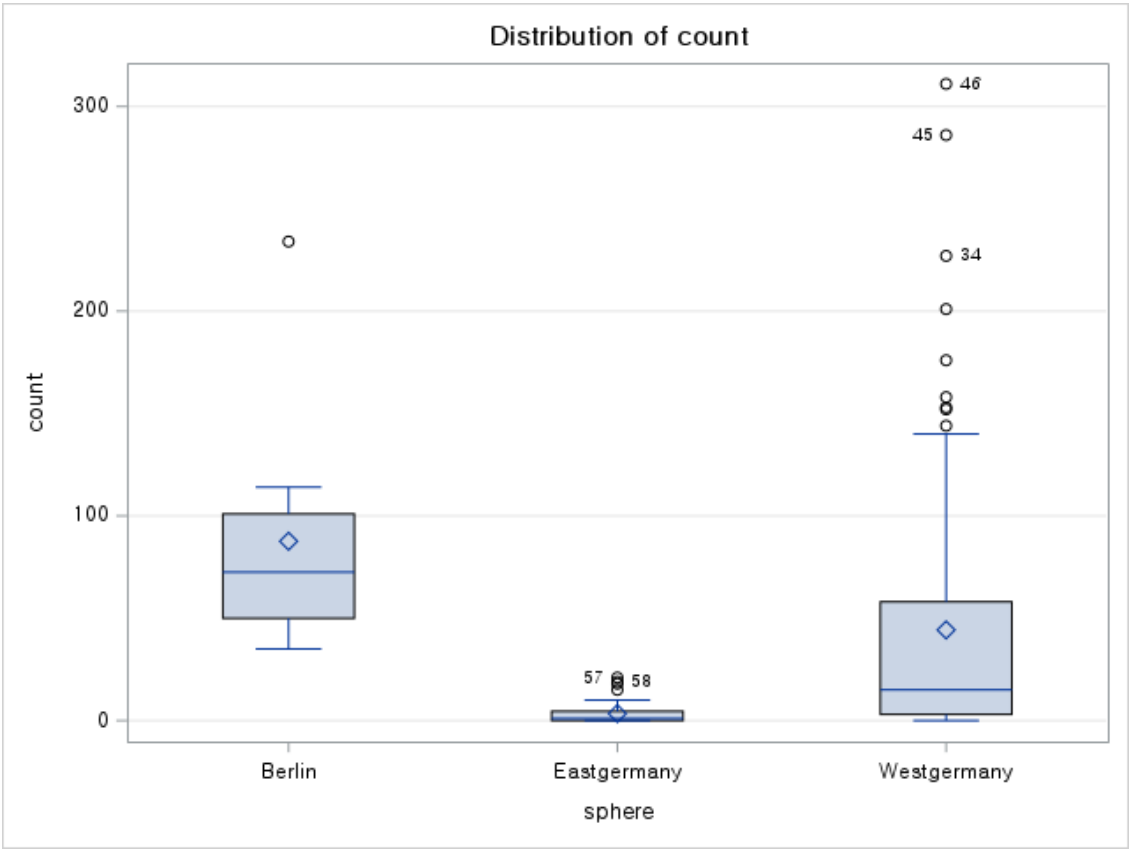


Level of sphere	N	count	
		Mean	Std Dev
Berlin	10	87.6000000	56.9935669
Eastgermany	40	3.4250000	5.6290797
Westgermany	110	44.2636364	62.6230425

The GLM Procedure

Bartlett's Test for Homogeneity of count Variance			
Source	DF	Chi-Square	Pr > ChiSq
sphere	2	139.9	<.0001

The GLM Procedure



Level of sphere	N	count	
		Mean	Std Dev
Berlin	10	87.6000000	56.9935669
Eastgermany	40	3.4250000	5.6290797
Westgermany	110	44.2636364	62.6230425

The GLM Procedure

Dependent Variable: count

Contrast	DF	Contrast SS	Mean Square	F Value	Pr > F
east vs west	1	48921.96379	48921.96379	16.77	<.0001

The GLM Procedure

Class Level Information		
Class	Levels	Values
gender	2	fema male
sphere	3	Berlin Eastgermany West Germany

Number of Observations Read	160
Number of Observations Used	160

The GLM Procedure

Dependent Variable: count

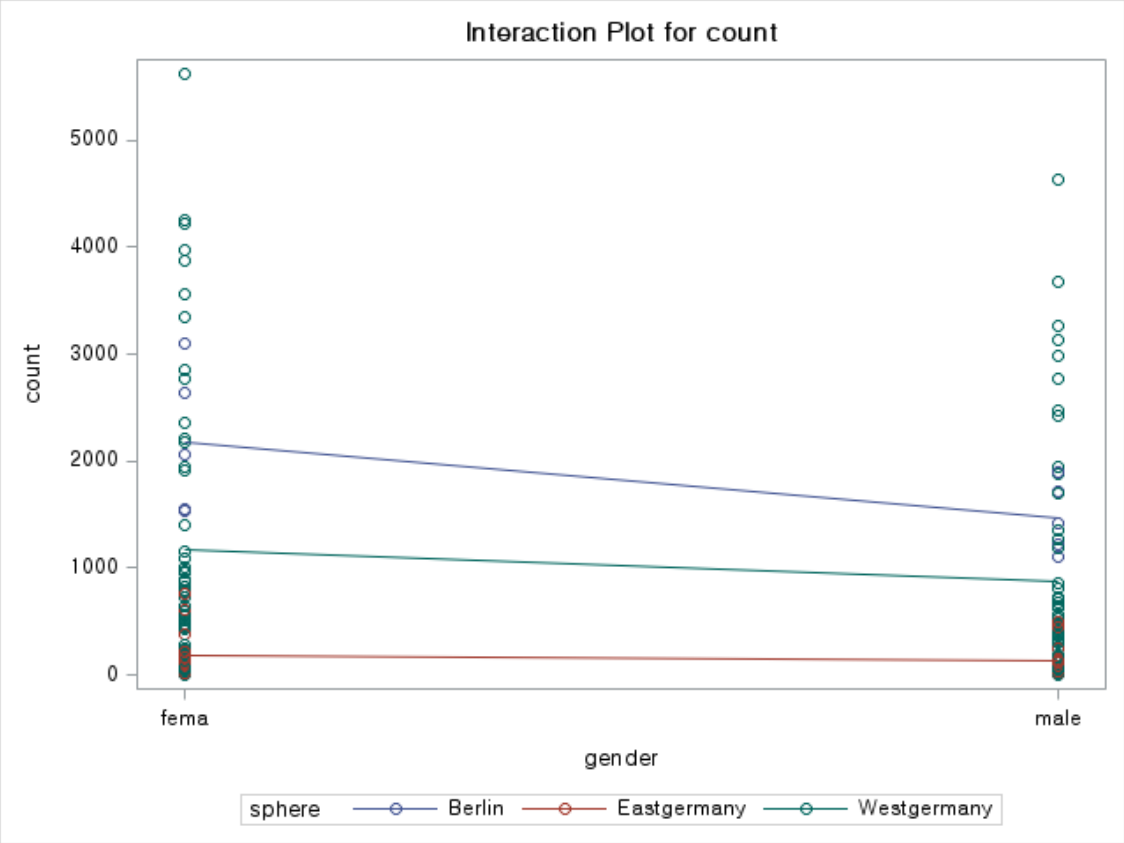
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	35692999.2	7138599.8	6.57	<.0001
Error	154	167344592.7	1086653.2		
Corrected Total	159	203037591.9			

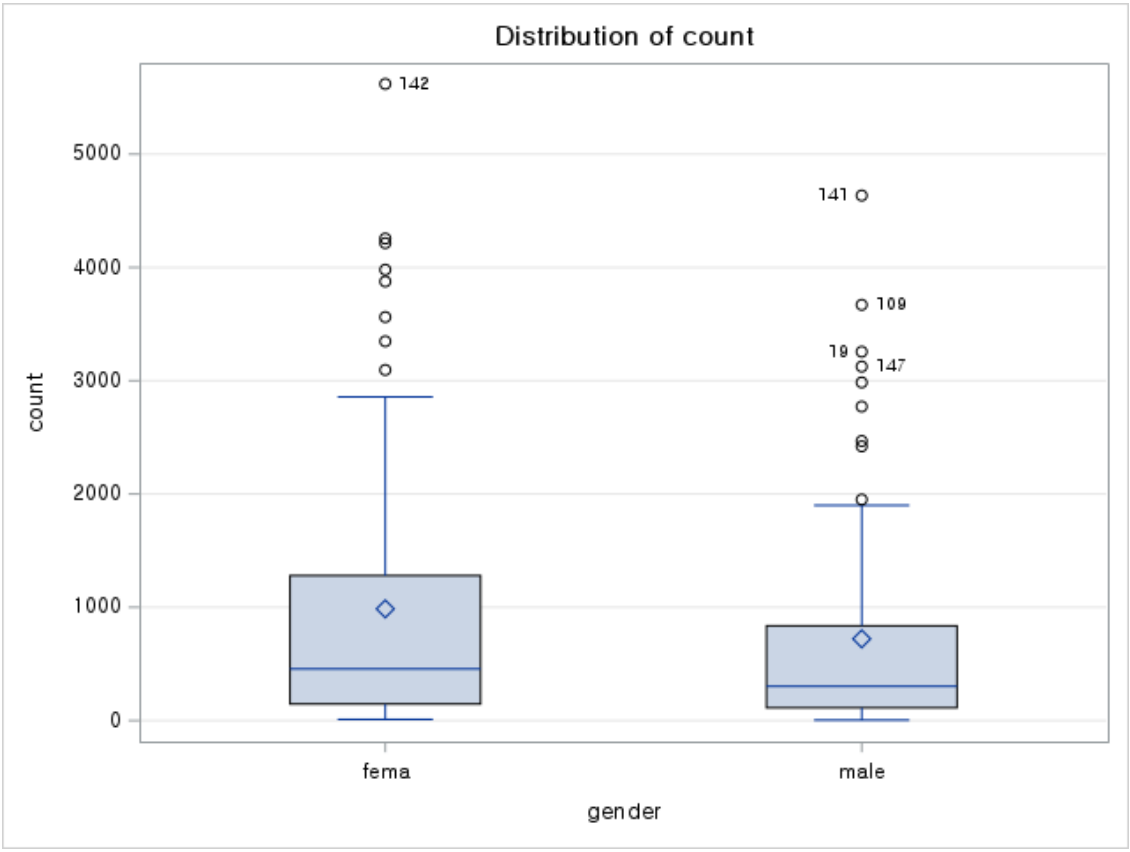
R-Square	Coeff Var	Root MSE	count Mean

R-Square	Coeff Var	Root MSE	count Mean
0.175795	122.1391	1042.427	853.4750

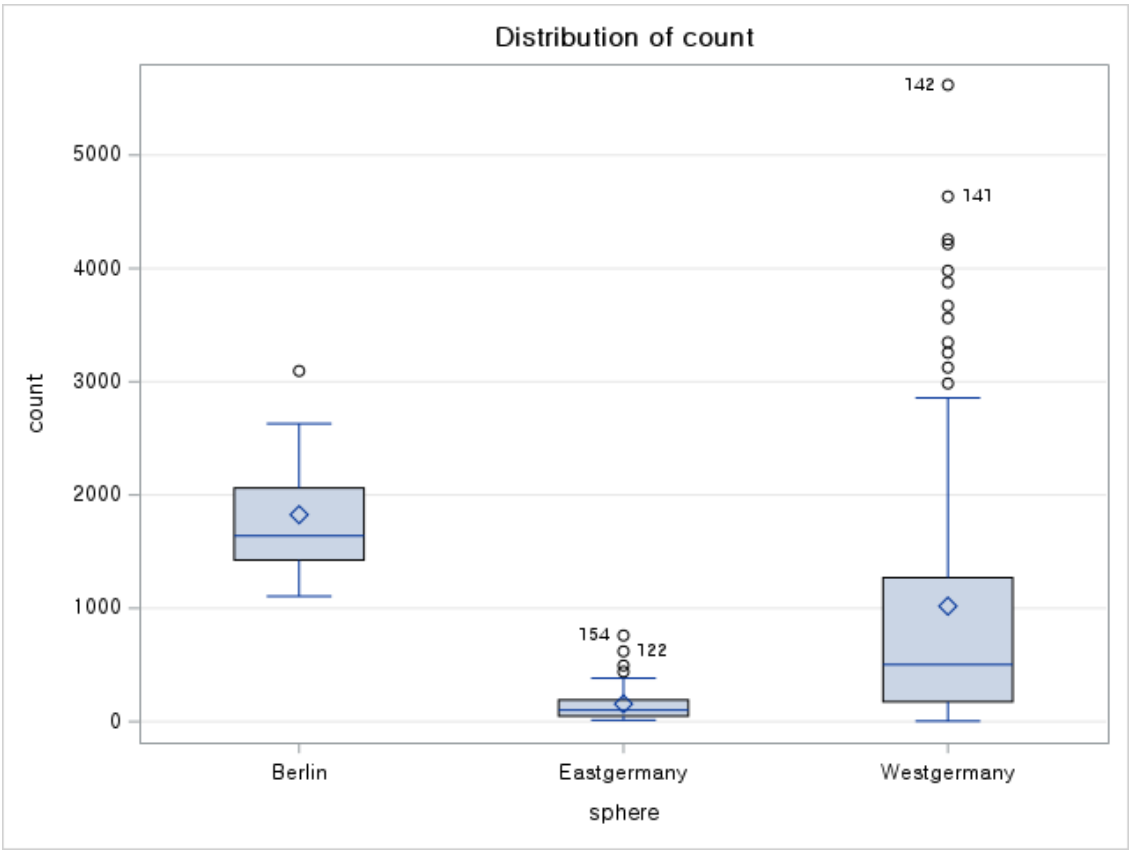
Source	DF	Type I SS	Mean Square	F Value	Pr > F
gender	1	2799997.22	2799997.22	2.58	0.1105
sphere	2	31952178.73	15976089.36	14.70	<.0001
gender*sphere	2	940823.28	470411.64	0.43	0.6494

Source	DF	Type III SS	Mean Square	F Value	Pr > F
gender	1	2094775.59	2094775.59	1.93	0.1670
sphere	2	31952178.73	15976089.36	14.70	<.0001
gender*sphere	2	940823.28	470411.64	0.43	0.6494



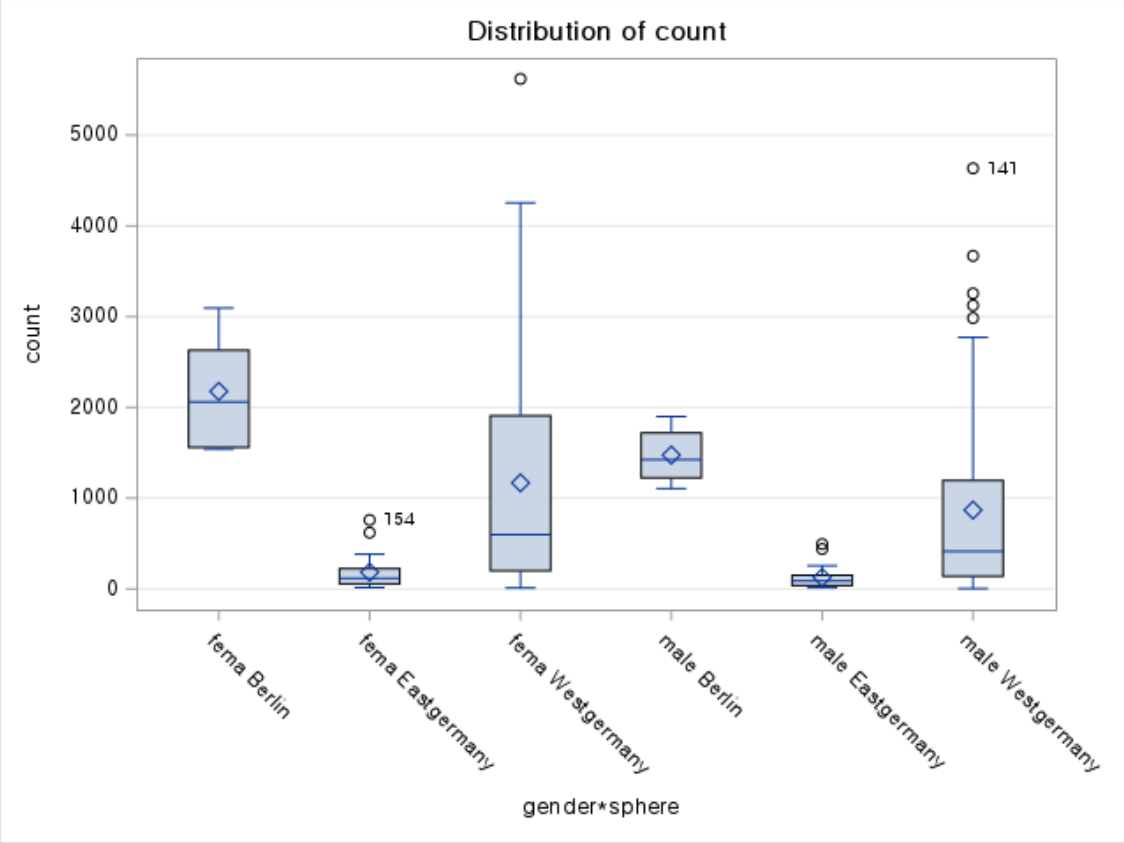


Level of gender	N	count	
		Mean	Std Dev
fema	80	985.762500	1254.59449
male	80	721.187500	980.12539



Level of sphere	N	count	
		Mean	Std Dev
Berlin	10	1826.10000	625.64037
Eastgermany	40	155.55000	167.93313

Level of sphere	N	count	
		Mean	Std Dev
Westgermany	110	1018.84545	1235.79162



Level of gender	Level of sphere	N	count	
			Mean	Std Dev
fema	Berlin	5	2177.20000	679.67066
fema	Eastgermany	20	184.45000	196.82439
fema	Westgermany	55	1168.83636	1360.68936
male	Berlin	5	1475.00000	332.53271
male	Eastgermany	20	126.65000	131.86807
male	Westgermany	55	868.85455	1088.73305

The REG Procedure
Model: MODEL1
Dependent Variable: shortstay

Number of Observations Read	160
Number of Observations Used	160

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	6679.51250	6679.51250	11.23	0.0010
Error	158	94001	594.94597		
Corrected Total	159	100681			

Root MSE	24.39151	R-Square	0.0663
Dependent Mean	11.63750	Adj R-Sq	0.0604
Coeff Var	209.59411		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	1542.16875	456.78565	3.38	0.0009

Parameter Estimates					
year	1	-0.76146	0.22725	-3.35	0.0010
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|

The REG Procedure
Model: MODEL1
Dependent Variable: shortstay

Durbin-Watson D	1.006
Number of Observations	160
1st Order Autocorrelation	0.491

The REG Procedure
Model: MODEL1
Dependent Variable: shortstay

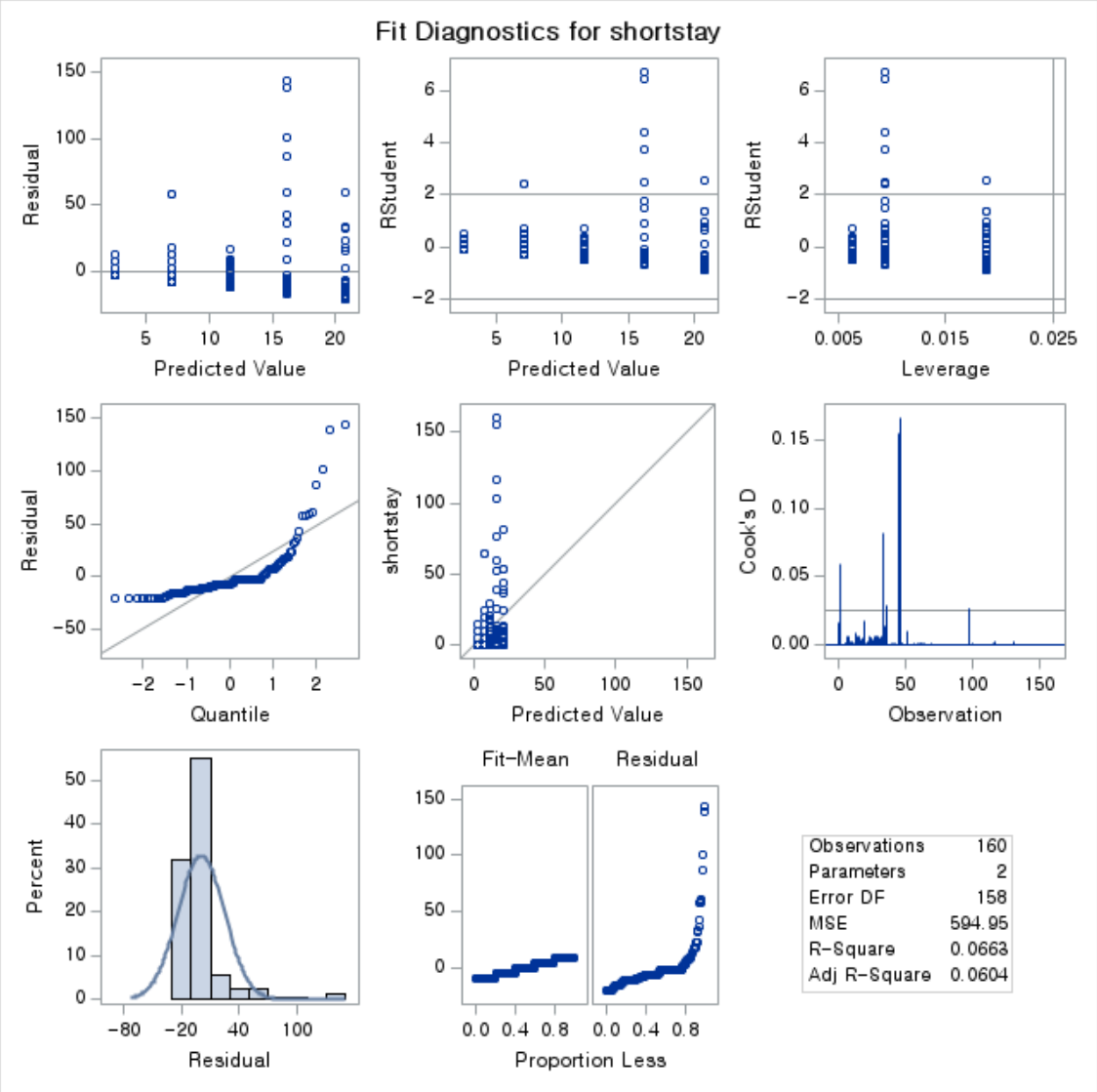
Output Statistics								
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	95% CL Mean		95% CL Predict		Residual
1	53	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	32.2250
2	81	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	60.2250
3	14	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-6.7750
4	24	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	3.2250
5	13	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-7.7750
6	12	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-8.7750
7	0	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-20.7750
8	0	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-20.7750
9	7	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-13.7750
10	8	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-12.7750
11	12	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-8.7750
12	10	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-10.7750
13	44	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	23.2250
14	37	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	16.2250
15	0	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-20.7750
16	0	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-20.7750
17	6	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-14.7750
18	3	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-17.7750
19	39	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	18.2250
20	54	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	33.2250
21	10	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-10.7750
22	8	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-12.7750
23	1	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-19.7750
24	2	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-18.7750
25	2	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-18.7750
26	5	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-15.7750
27	0	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-20.7750
28	0	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-20.7750
29	0	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-20.7750
30	1	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-19.7750
31	3	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-17.7750
32	1	20.7750	3.3399	14.1783	27.3717	-27.8500	69.4000	-19.7750
33	117	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	100.7937
34	103	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	86.7937
35	59	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	42.7937
36	76	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	59.7937
37	26	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	9.7937
38	14	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	-2.2063
39	6	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	-10.2063
40	0	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	-16.2063
41	0	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	-16.2063
42	1	16.2063	2.3617	11.5417	20.8708	-32.1945	64.6070	-15.2063

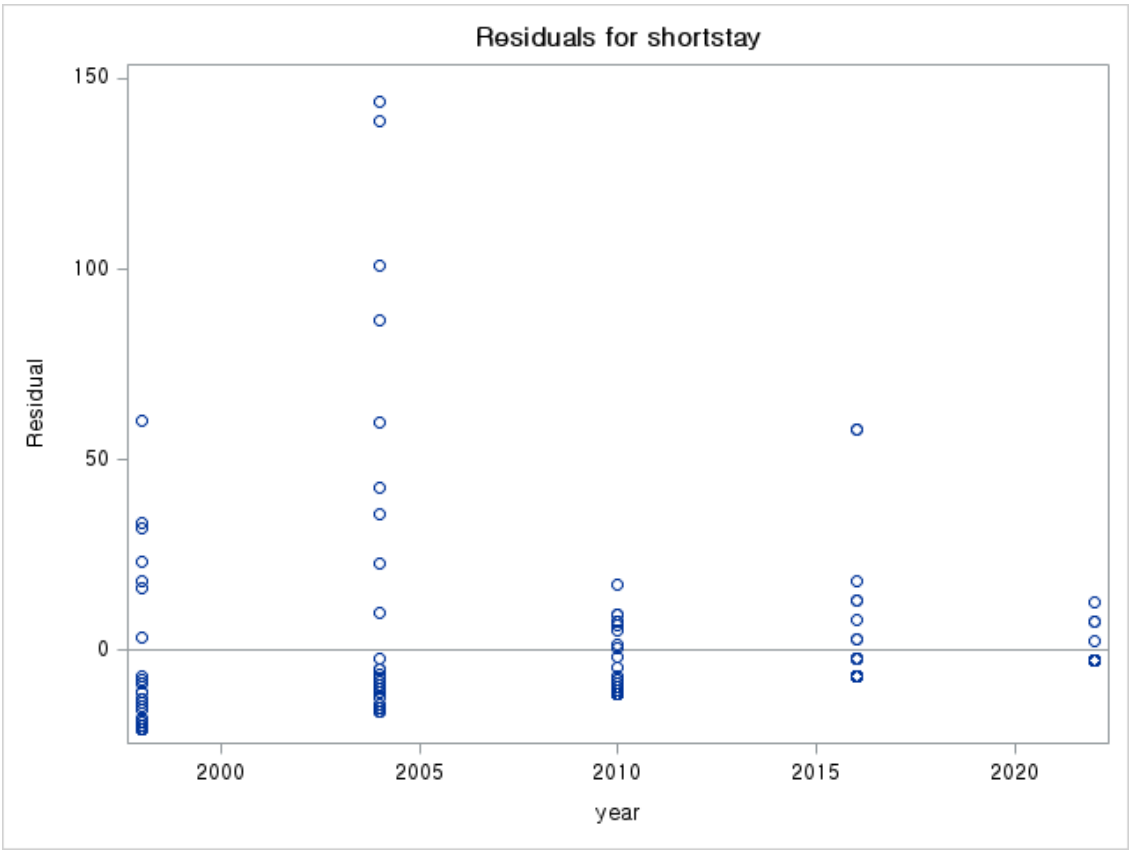
Output Statistics								
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	95% CL Mean		95% CL Predict		Residual
43	10	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−6.2063
44	6	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−10.2063
45	155	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	138.7937
46	160	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	143.7937
47	0	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−16.2063
48	0	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−16.2063
49	11	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−5.2063
50	8	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−8.2063
51	39	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	22.7937
52	52	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	35.7937
53	7	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−9.2063
54	11	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−5.2063
55	6	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−10.2063
56	4	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−12.2063
57	9	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−7.2063
58	7	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−9.2063
59	1	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−15.2063
60	2	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−14.2063
61	5	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−11.2063
62	1	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−15.2063
63	5	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−11.2063
64	1	16.2063	2.3617	11.5417	20.8708	−32.1945	64.6070	−15.2063
65	19	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	7.3625
66	17	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	5.3625
67	12	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	0.3625
68	13	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	1.3625
69	29	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	17.3625
70	4	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−7.6375
71	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
72	1	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−10.6375
73	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
74	1	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−10.6375
75	1	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−10.6375
76	5	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−6.6375
77	19	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	7.3625
78	18	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	6.3625
79	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
80	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
81	2	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−9.6375
82	7	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−4.6375
83	21	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	9.3625
84	21	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	9.3625
85	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
86	2	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−9.6375
87	1	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−10.6375
88	3	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−8.6375
89	10	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−1.6375
90	4	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−7.6375
91	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
92	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
93	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
94	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
95	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
96	0	11.6375	1.9283	7.8289	15.4461	−36.6883	59.9633	−11.6375
97	65	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	57.9313
98	65	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	57.9313
99	15	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	7.9313

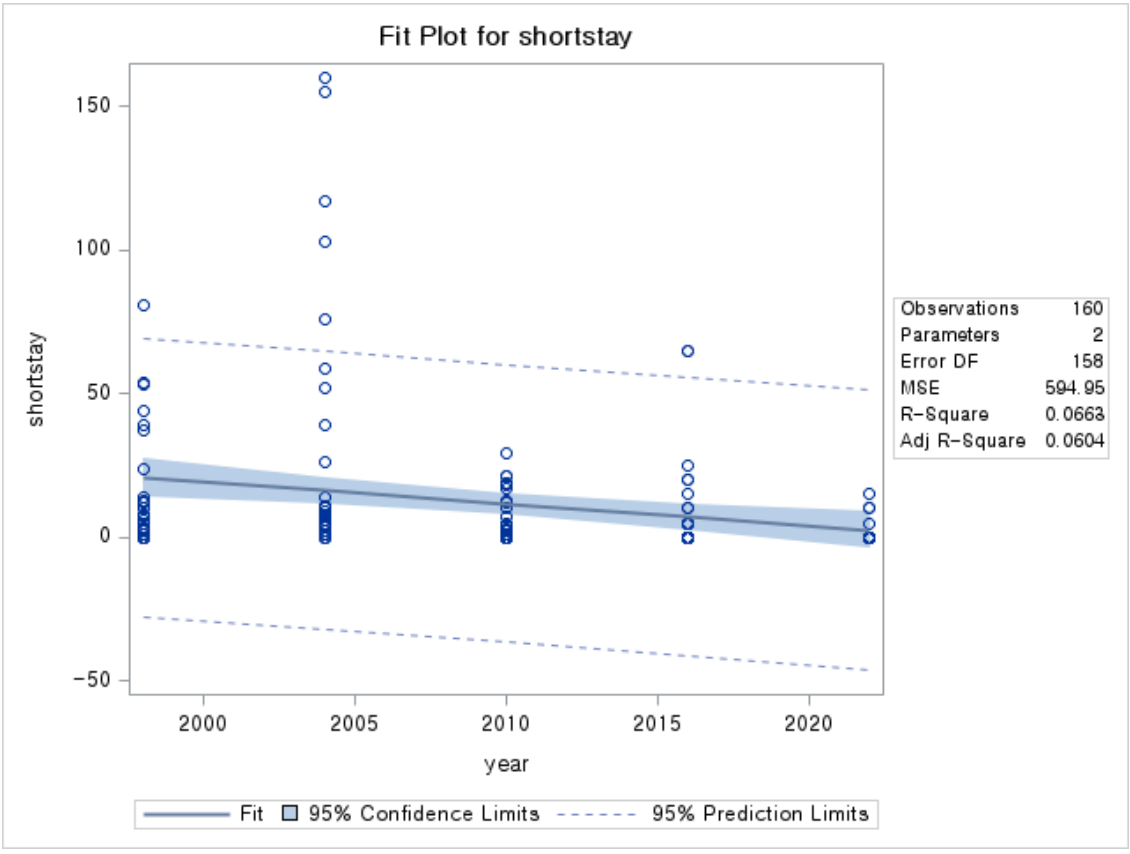
Output Statistics								
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	95% CL Mean		95% CL Predict		Residual
100	20	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	12.9313
101	10	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	2.9313
102	5	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−2.0687
103	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
104	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
105	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
106	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
107	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
108	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
109	5	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−2.0687
110	5	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−2.0687
111	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
112	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
113	5	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−2.0687
114	10	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	2.9313
115	20	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	12.9313
116	25	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	17.9313
117	5	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−2.0687
118	5	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−2.0687
119	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
120	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
121	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
122	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
123	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
124	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
125	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
126	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
127	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
128	0	7.0687	2.3617	2.4042	11.7333	−41.3320	55.4695	−7.0687
129	10	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	7.5000
130	15	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	12.5000
131	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
132	10	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	7.5000
133	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
134	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
135	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
136	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
137	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
138	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
139	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
140	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
141	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
142	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
143	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
144	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
145	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
146	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
147	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
148	5	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	2.5000
149	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
150	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
151	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
152	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
153	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
154	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
155	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000
156	0	2.5000	3.3399	−4.0967	9.0967	−46.1250	51.1250	−2.5000

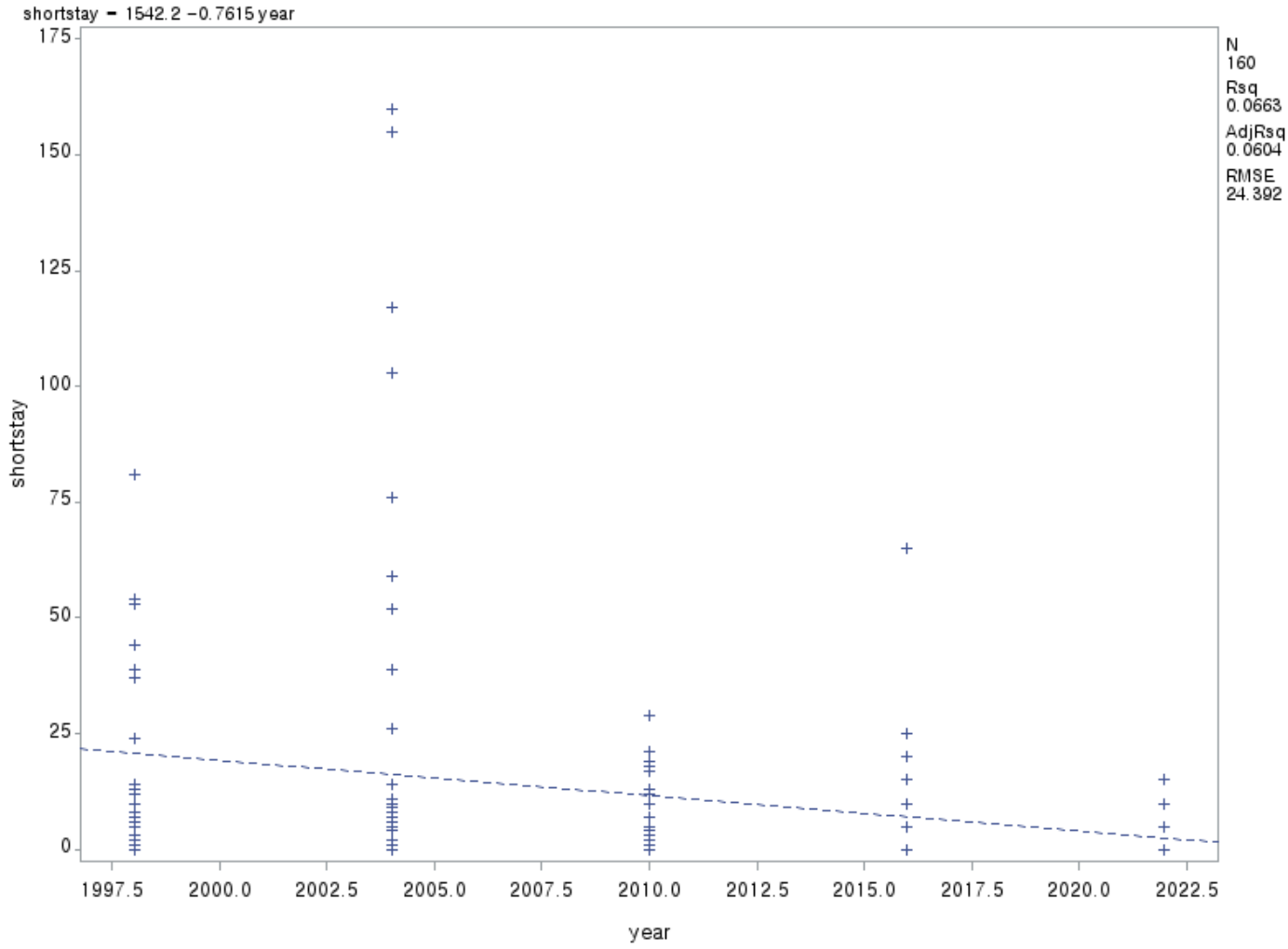
Output Statistics								
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	95% CL Mean		95% CL Predict		Residual
157	0	2.5000	3.3399	-4.0967	9.0967	-46.1250	51.1250	-2.5000
158	0	2.5000	3.3399	-4.0967	9.0967	-46.1250	51.1250	-2.5000
159	0	2.5000	3.3399	-4.0967	9.0967	-46.1250	51.1250	-2.5000
160	0	2.5000	3.3399	-4.0967	9.0967	-46.1250	51.1250	-2.5000

Sum of Residuals	0
Sum of Squared Residuals	94001
Predicted Residual SS (PRESS)	96051




Residuals for shortstay
Residual
150
100
50
0
2000
2005
2010
2015
2020
year


Fit Plot for shortstay
shortstay
150
100
50
0
−50
2000
2005
2010
2015
2020
year
Observations 160
Parameters 2
Error DF 158
MSE 594.95
R-Square 0.0663
Adj R-Square 0.0604
Fit
95% Confidence Limits
95% Prediction Limits



The REG Procedure
Model: MODEL1
Dependent Variable: count

Number of Observations Read	160
Number of Observations Used	160

Stepwise Selection: Step 1

Variable from4to10 Entered: R-Square = 0.9500 and C(p) = .

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	192893574	192893574	3004.45	<.0001
Error	158	10144018	64203		
Corrected Total	159	203037592			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.26933	25.19044	26781	0.42	0.5193
from4to10	3.69862	0.06748	192893574	3004.45	<.0001

Bounds on condition number: 1, 1

Stepwise Selection: Step 2

Variable from1to4 Entered: R-Square = 0.9832 and C(p) = .

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	199631682	99815841	4601.15	<.0001

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Error	157	3405909	21694		
Corrected Total	159	203037592			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-25.94981	14.83753	66356	3.06	0.0823
from1to4	2.03193	0.11529	6738109	310.60	<.0001
from4to10	2.11987	0.09779	10194242	469.92	<.0001

Bounds on condition number: 6.2159, 24.863

Stepwise Selection: Step 3

Variable from10to25 Entered: R-Square = 0.9932 and C(p) = .

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	201664983	67221661	7639.89	<.0001
Error	156	1372609	8798.77248		
Corrected Total	159	203037592			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-21.57135	9.45382	45810	5.21	0.0239
from1to4	1.74095	0.07588	4631652	526.40	<.0001
from4to10	1.38830	0.07871	2737623	311.14	<.0001
from10to25	1.01299	0.06664	2033301	231.09	<.0001

Bounds on condition number: 9.9273, 71.981

Stepwise Selection: Step 4

Variable over25 Entered: R-Square = 0.9987 and C(p) = .

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	202767608	50691902	29102.6	<.0001
Error	155	269984	1741.83290		
Corrected Total	159	203037592			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-3.38367	4.26796	1094.81772	0.63	0.4291
from1to4	1.51404	0.03495	3269687	1877.15	<.0001
from4to10	1.14018	0.03638	1710834	982.20	<.0001
from10to25	0.86683	0.03021	1433843	823.18	<.0001
over25	0.95864	0.03810	1102624	633.03	<.0001

Bounds on condition number: 10.715, 122.93

Stepwise Selection: Step 5

Variable lessthan1 Entered: R-Square = 1.0000 and C(p) = .

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	203037592	40607518	Infty	<.0001
Error	154	0	0		
Corrected Total	159	203037592			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-6.3812E-14	0	3.87805E-25	Infty	<.0001
lessthan1	1.00000	0	269984	Infty	<.0001

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
from1to4	1.00000	0	595311	Infty	<.0001
from4to10	1.00000	0	1200979	Infty	<.0001
from10to25	1.00000	0	1695695	Infty	<.0001
over25	1.00000	0	1190764	Infty	<.0001

Bounds on condition number: 17.04, 265.33

All variables left in the model are significant at the 0.1000 level.

All variables have been entered into the model.

Summary of Stepwise Selection								
Step	Variable Entered	Variable Removed	Number Vars In	Partial R-Square	Model R-Square	C(p)	F Value	Pr > F
1	from4to10		1	0.9500	0.9500	.	3004.45	<.0001
2	from1to4		2	0.0332	0.9832	.	310.60	<.0001
3	from10to25		3	0.0100	0.9932	.	231.09	<.0001
4	over25		4	0.0054	0.9987	.	633.03	<.0001
5	lessthan1		5	0.0013	1.0000	.	Infty	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: count

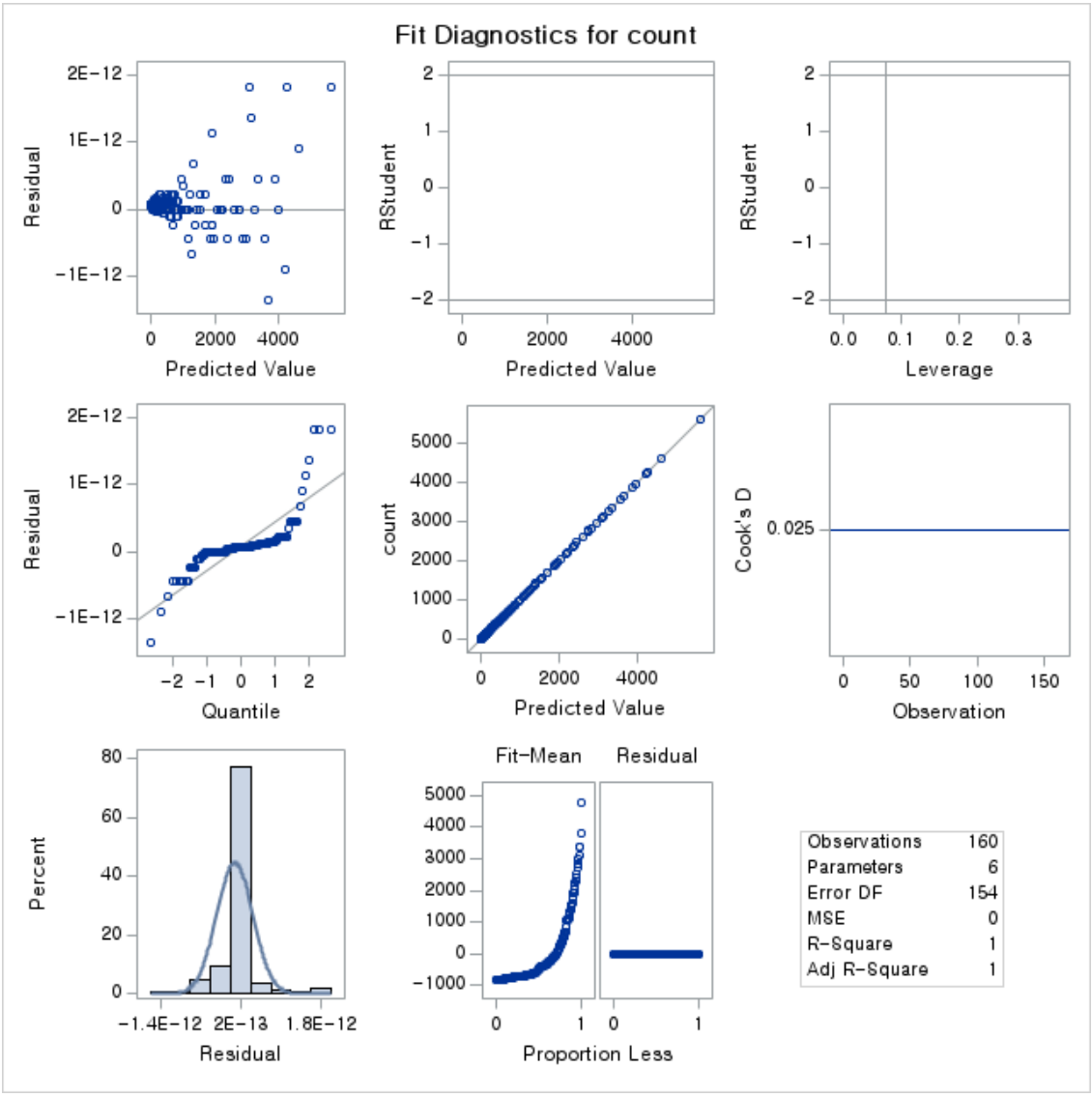
Number of Observations Read	160
Number of Observations Used	160

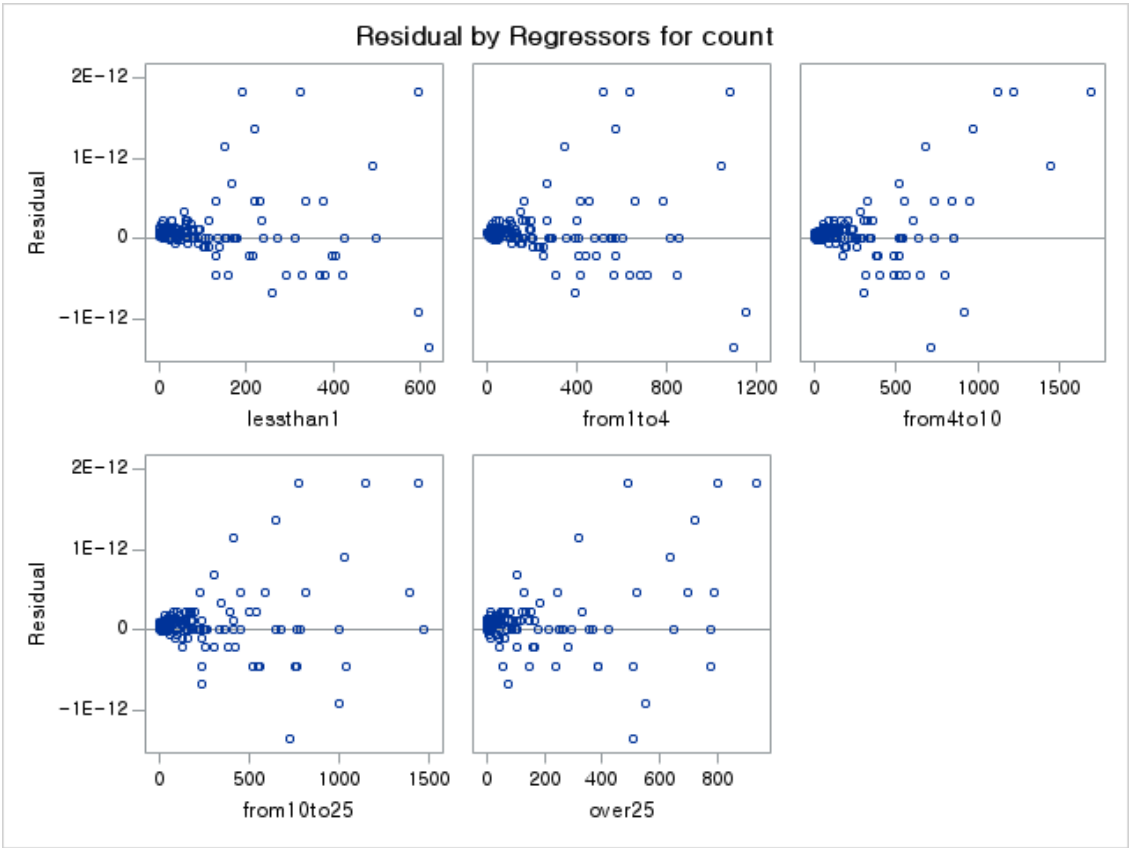
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	203037592	40607518	Infty	<.0001
Error	154	0	0		
Corrected Total	159	203037592			

Root MSE	0	R-Square	1.0000
Dependent Mean	853.47500	Adj R-Sq	1.0000
Coeff Var	0		

Parameter Estimates						
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|	Standardized Estimate
Intercept	1	-6.1298E-14	0	-Infty	<.0001	0
lessthan1	1	1.00000	0	Infty	<.0001	0.11744
from1to4	1	1.00000	0	Infty	<.0001	0.22352
from4to10	1	1.00000	0	Infty	<.0001	0.26353
from10to25	1	1.00000	0	Infty	<.0001	0.26924
over25	1	1.00000	0	Infty	<.0001	0.17518

The REG Procedure
Model: MODEL1
Dependent Variable: count


Fit Diagnostics for count
Residual
Predicted Value
RStudent
Predicted Value
RStudent
Leverage
Residual
Quantile
count
Predicted Value
Cook's D
0.025
Observation
Percent
Residual
Fit-Mean
Residual
Proportion Less
Observations 160
Parameters 6
Error DF 154
MSE 0
R-Square 1
Adj R-Square 1


Residual by Regressors for count
Residual
lessthan1
from1to4
from4to10
from10to25
over25