

One way anova of Toronto homeless shelter occupancy in January 2018 by sector**The GLM Procedure**

Class Level Information		
Class	Levels	Values
SECTOR	5	Co-ed Families Men Women Youth

Number of Observations Read	3241
Number of Observations Used	3241

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The GLM Procedure

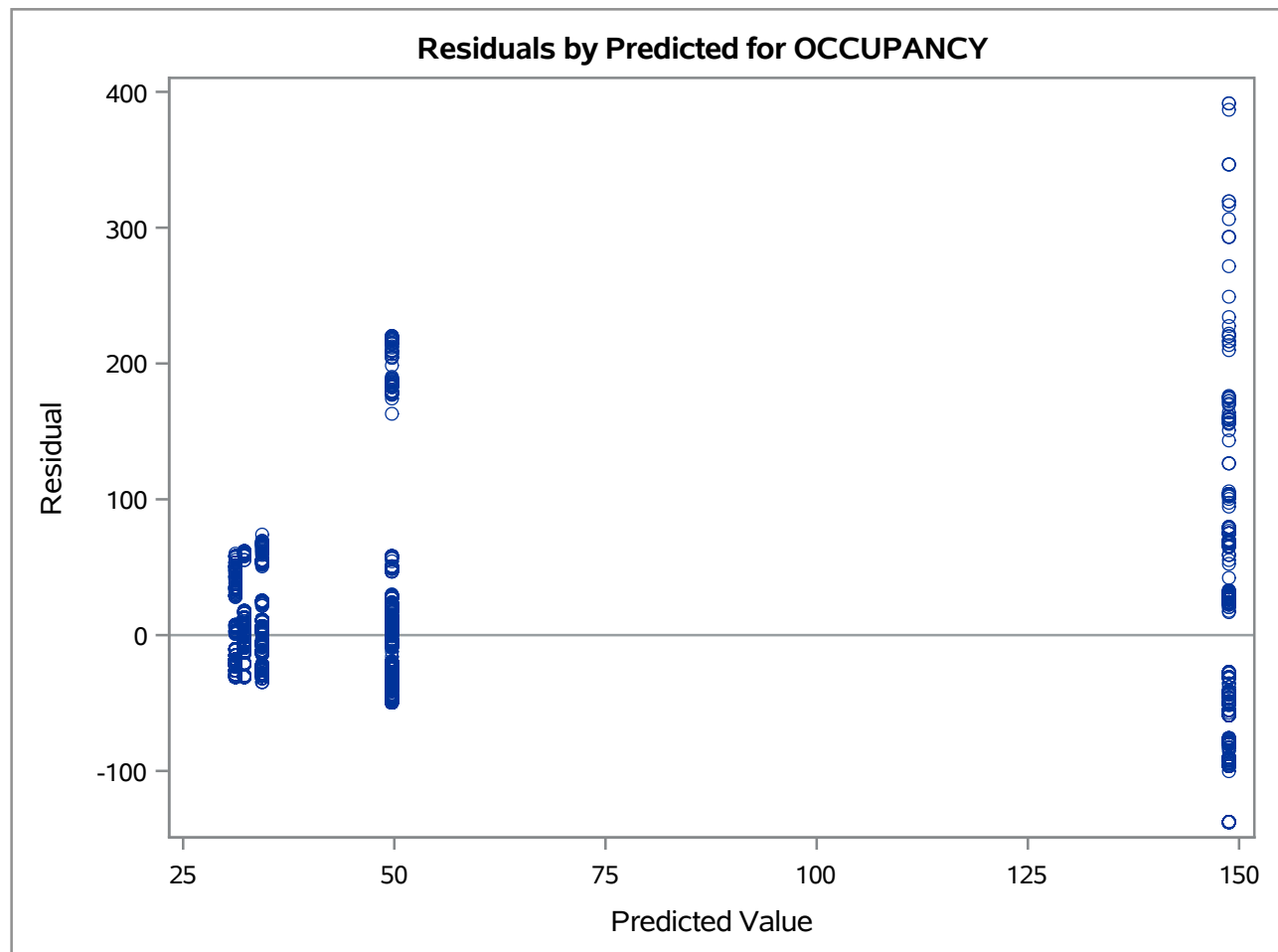
Dependent Variable: OCCUPANCY

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	4694952.22	1173738.05	401.53	<.0001
Error	3236	9459284.16	2923.14		
Corrected Total	3240	14154236.38			

R-Square	Coeff Var	Root MSE	OCCUPANCY Mean
0.331699	100.0966	54.06608	54.01388

Source	DF	Type I SS	Mean Square	F Value	Pr > F
SECTOR	4	4694952.219	1173738.055	401.53	<.0001

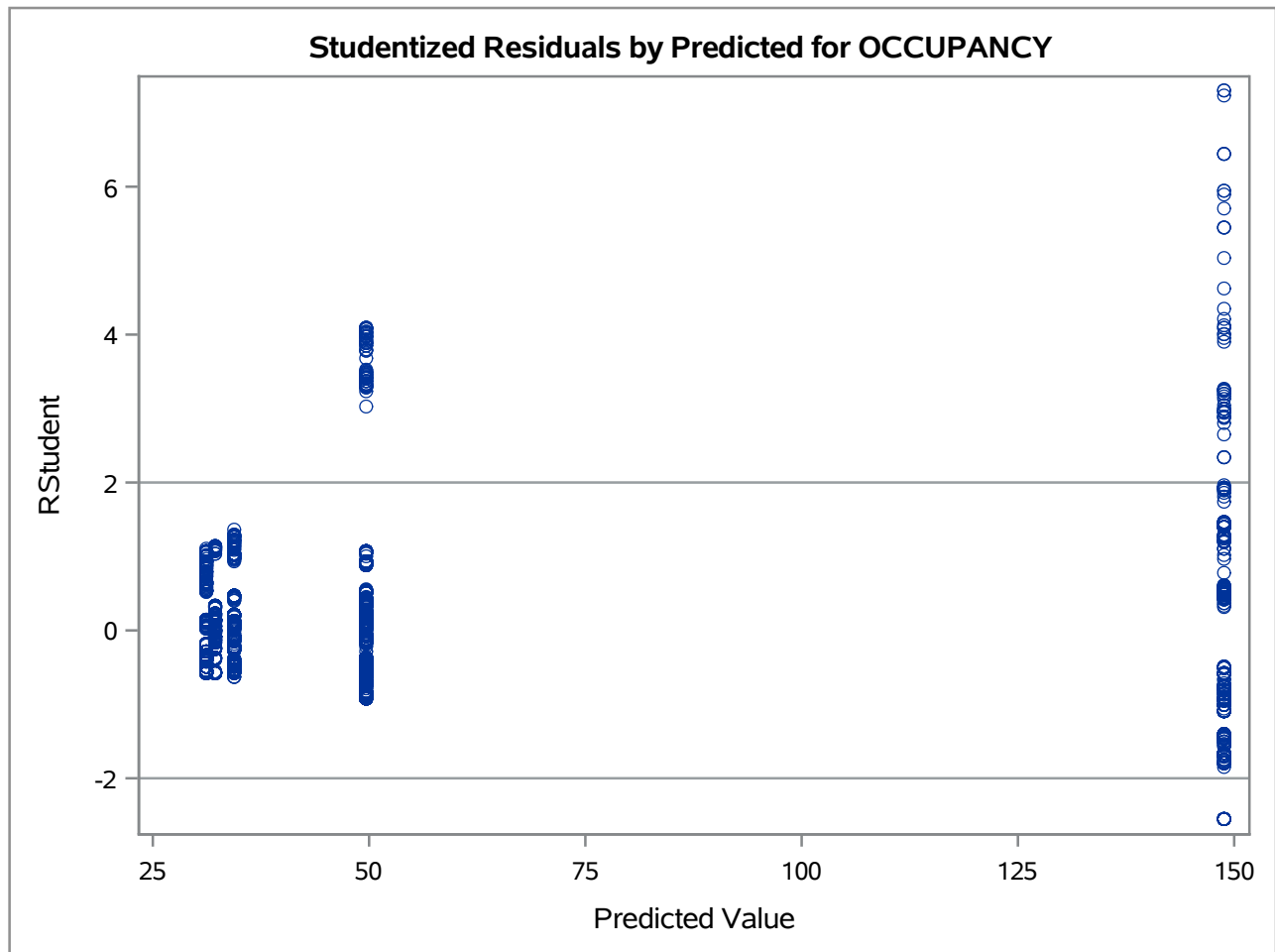
Source	DF	Type III SS	Mean Square	F Value	Pr > F
SECTOR	4	4694952.219	1173738.055	401.53	<.0001



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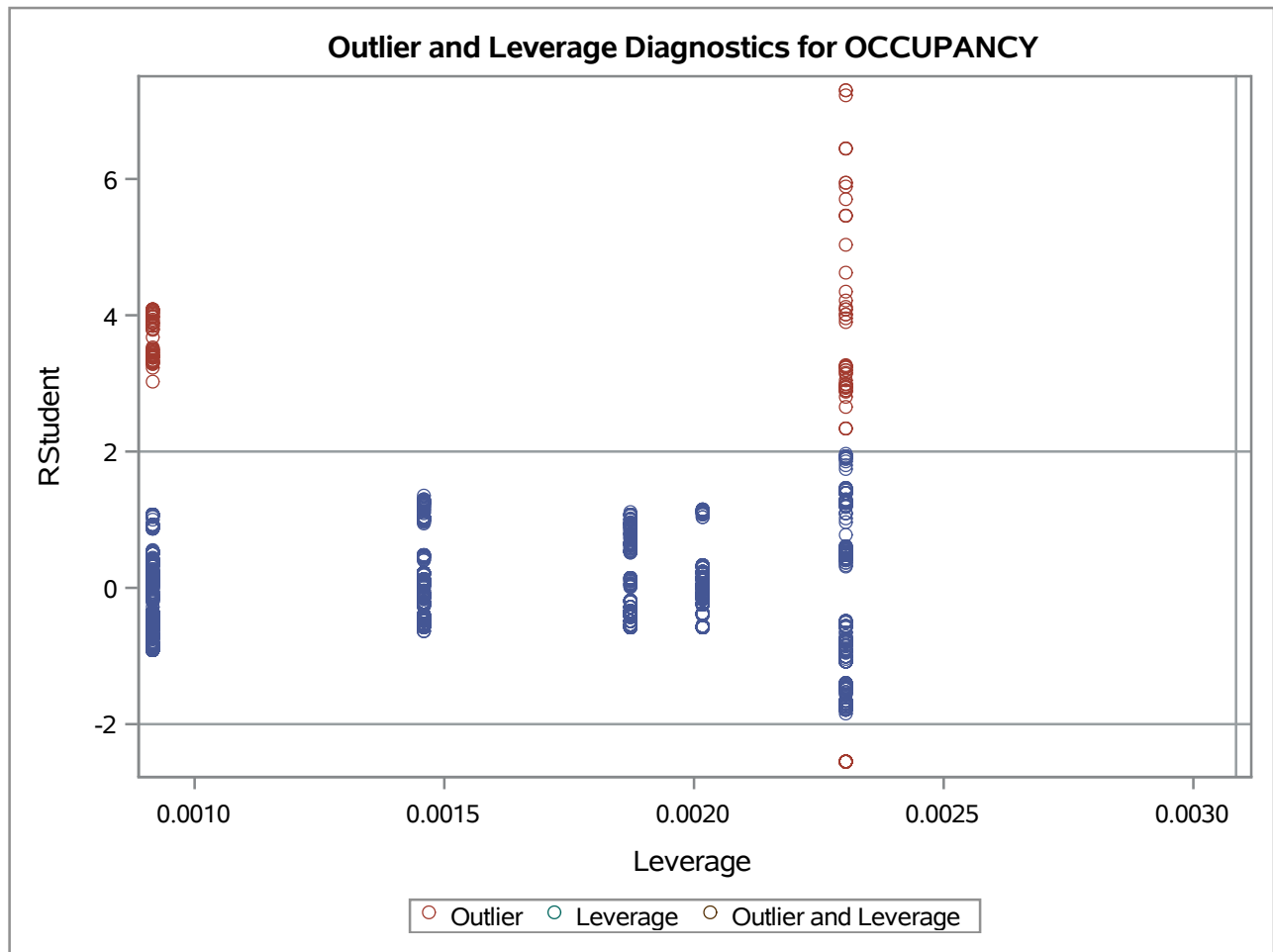
Dependent Variable: OCCUPANCY



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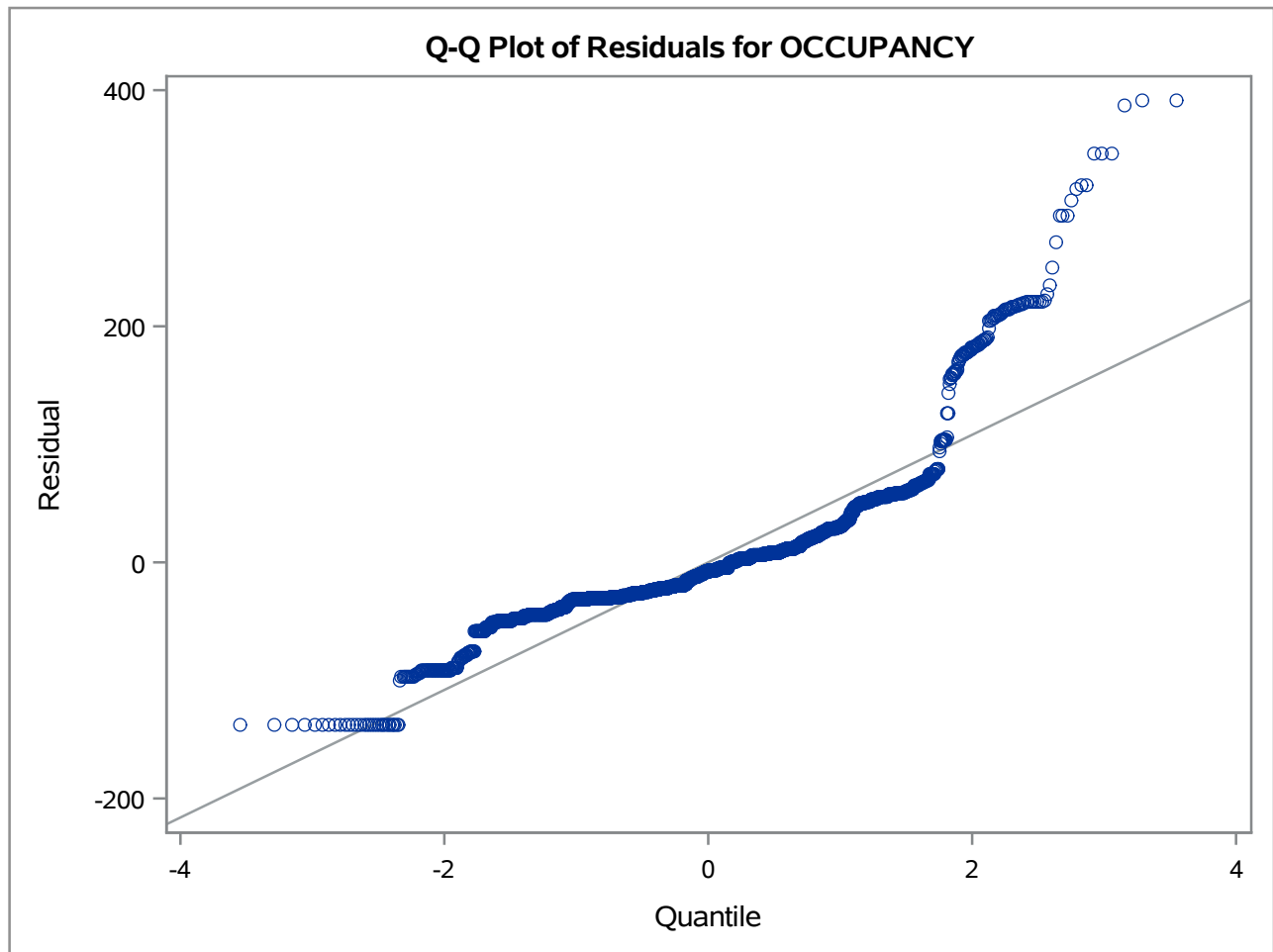
Dependent Variable: OCCUPANCY

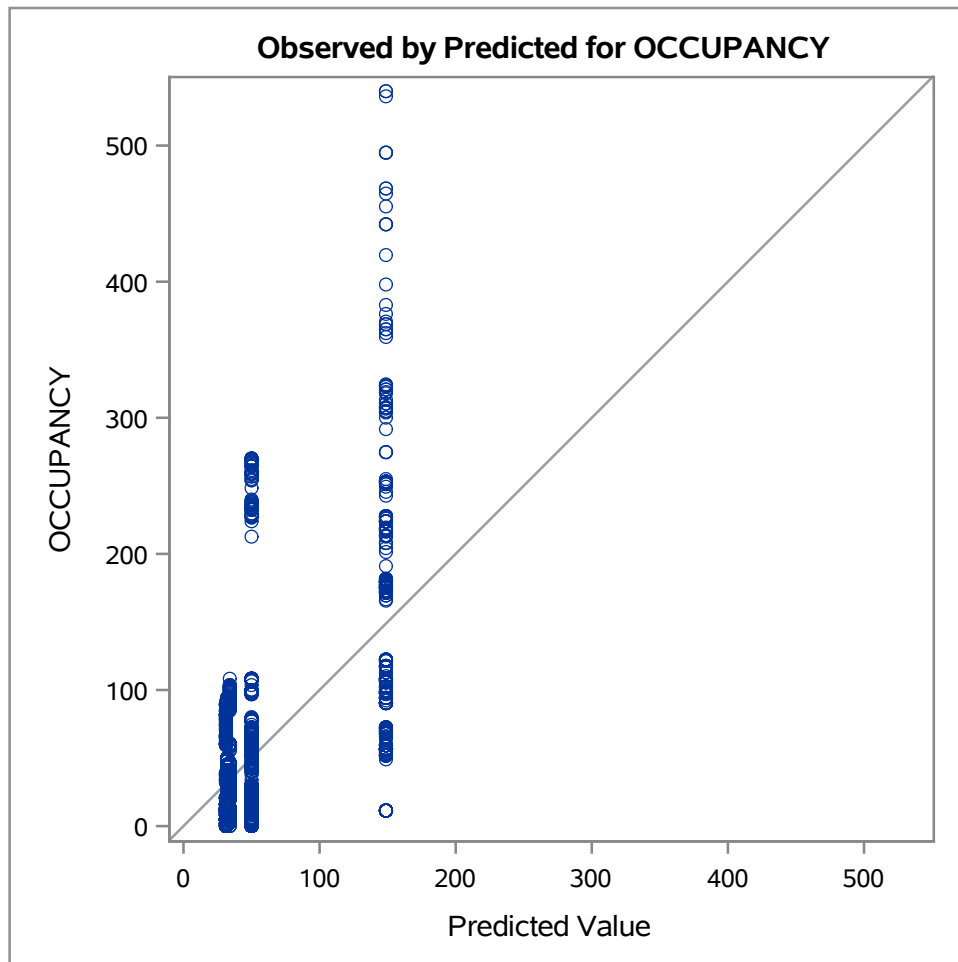


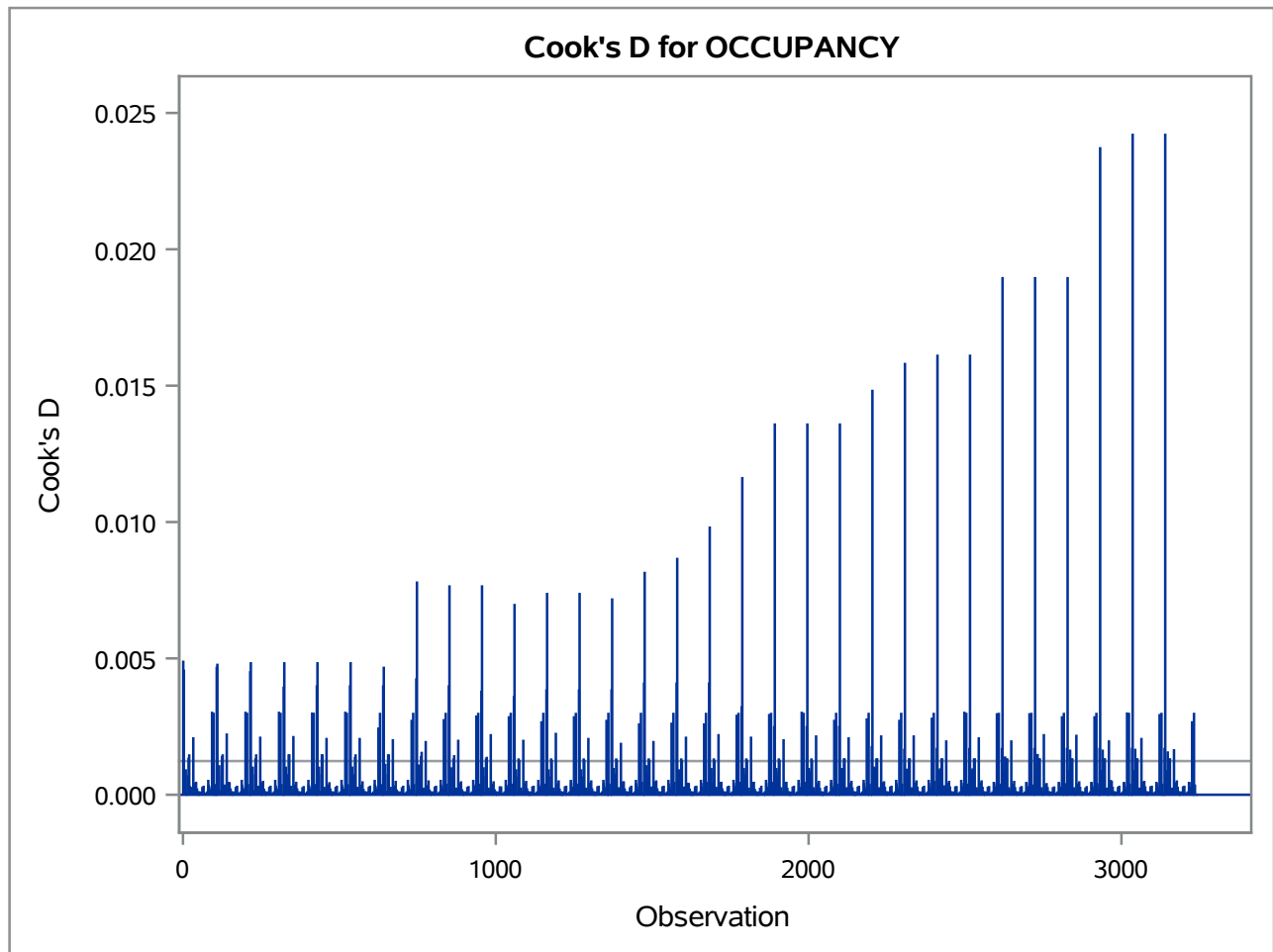
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Dependent Variable: OCCUPANCY



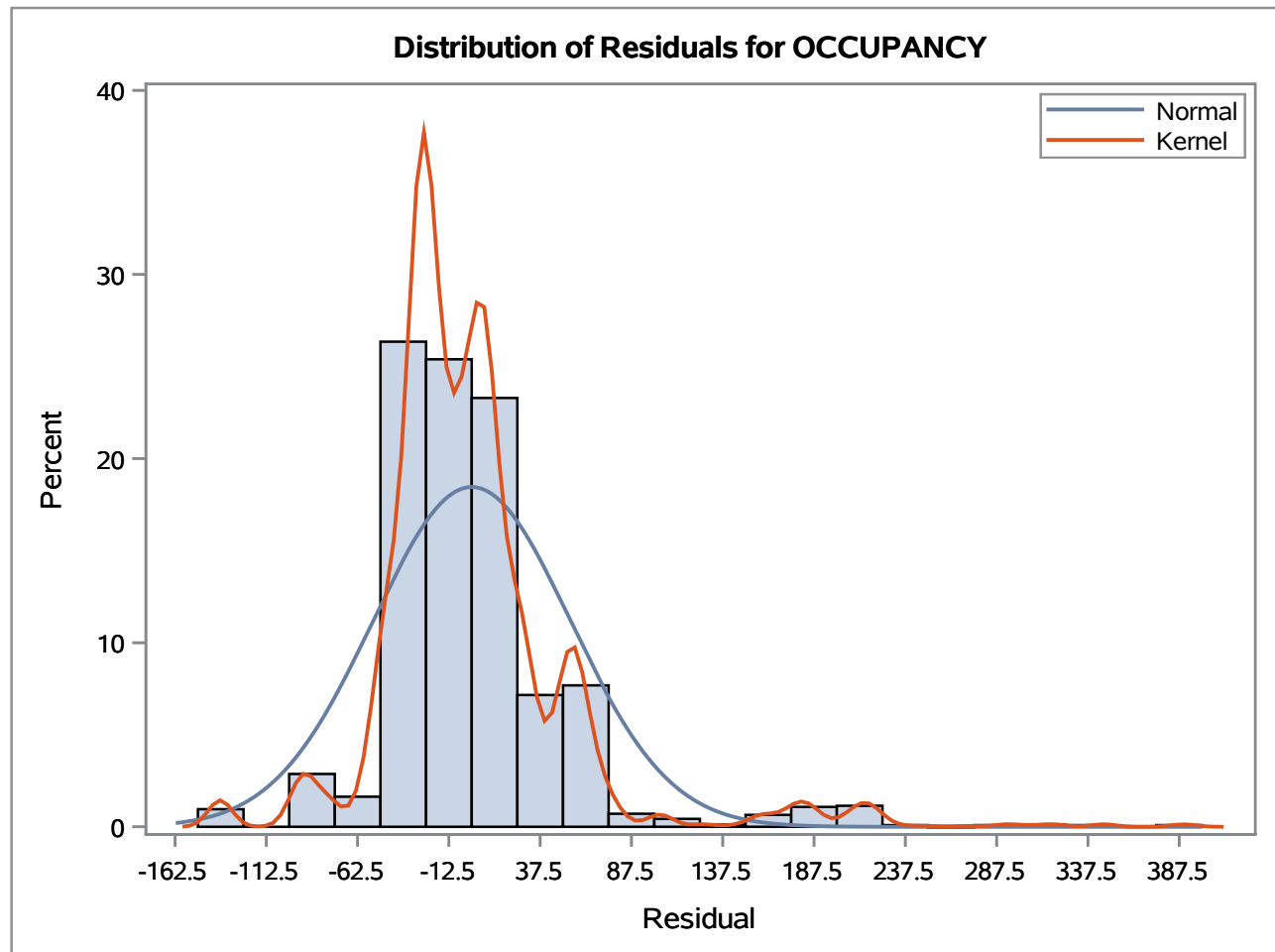
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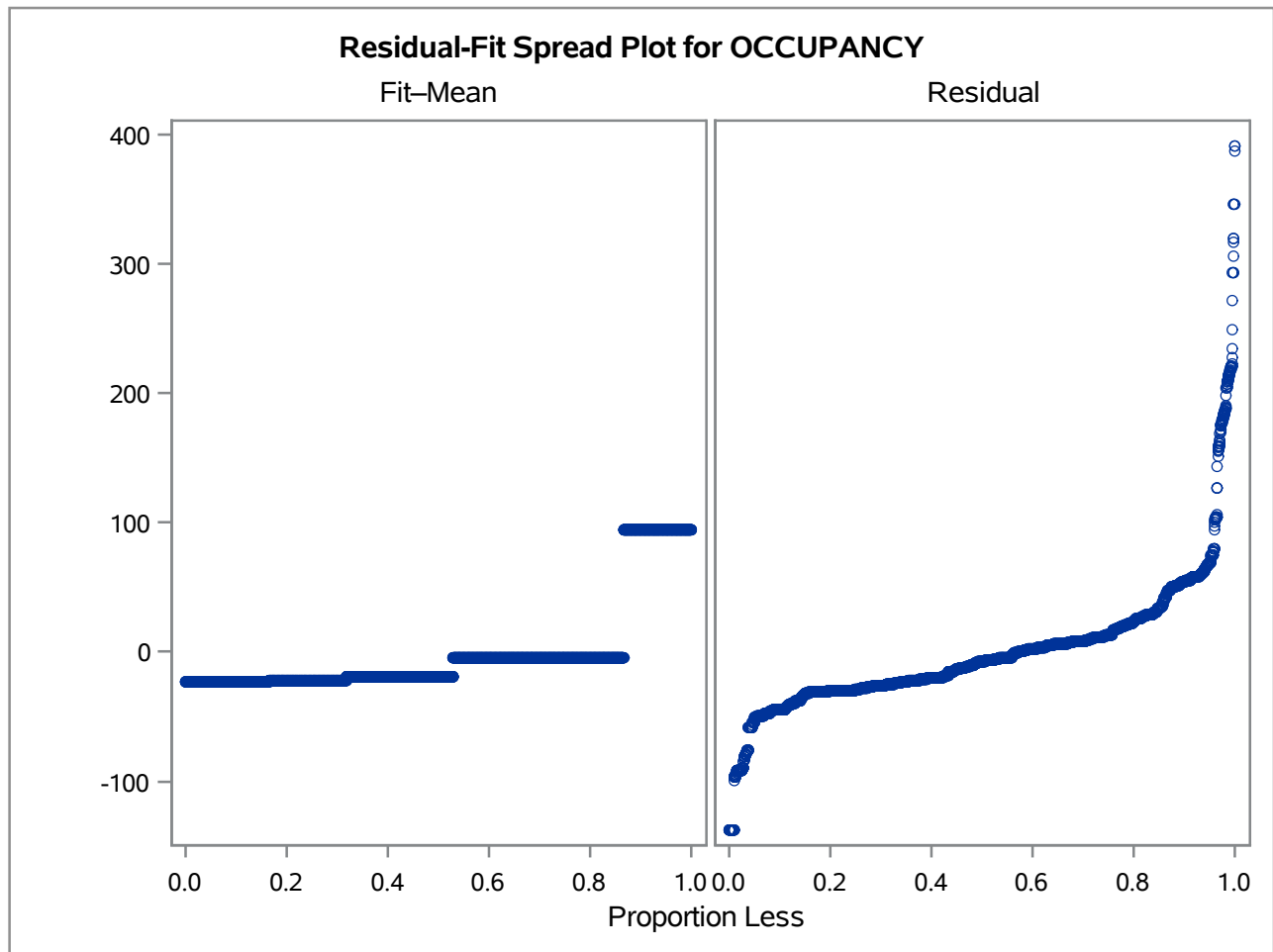
Dependent Variable: OCCUPANCY



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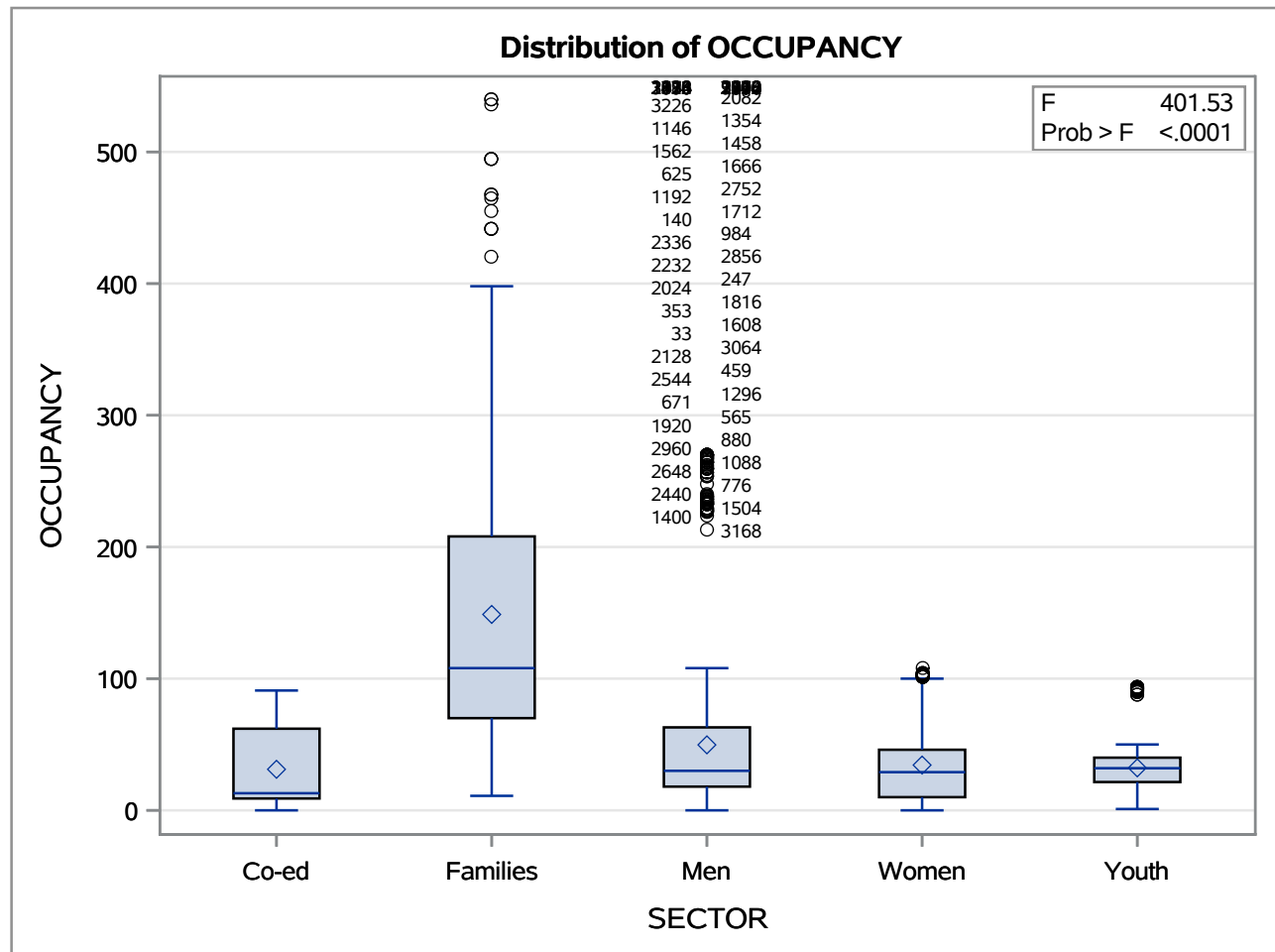
Dependent Variable: OCCUPANCY



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Dependent Variable: OCCUPANCY



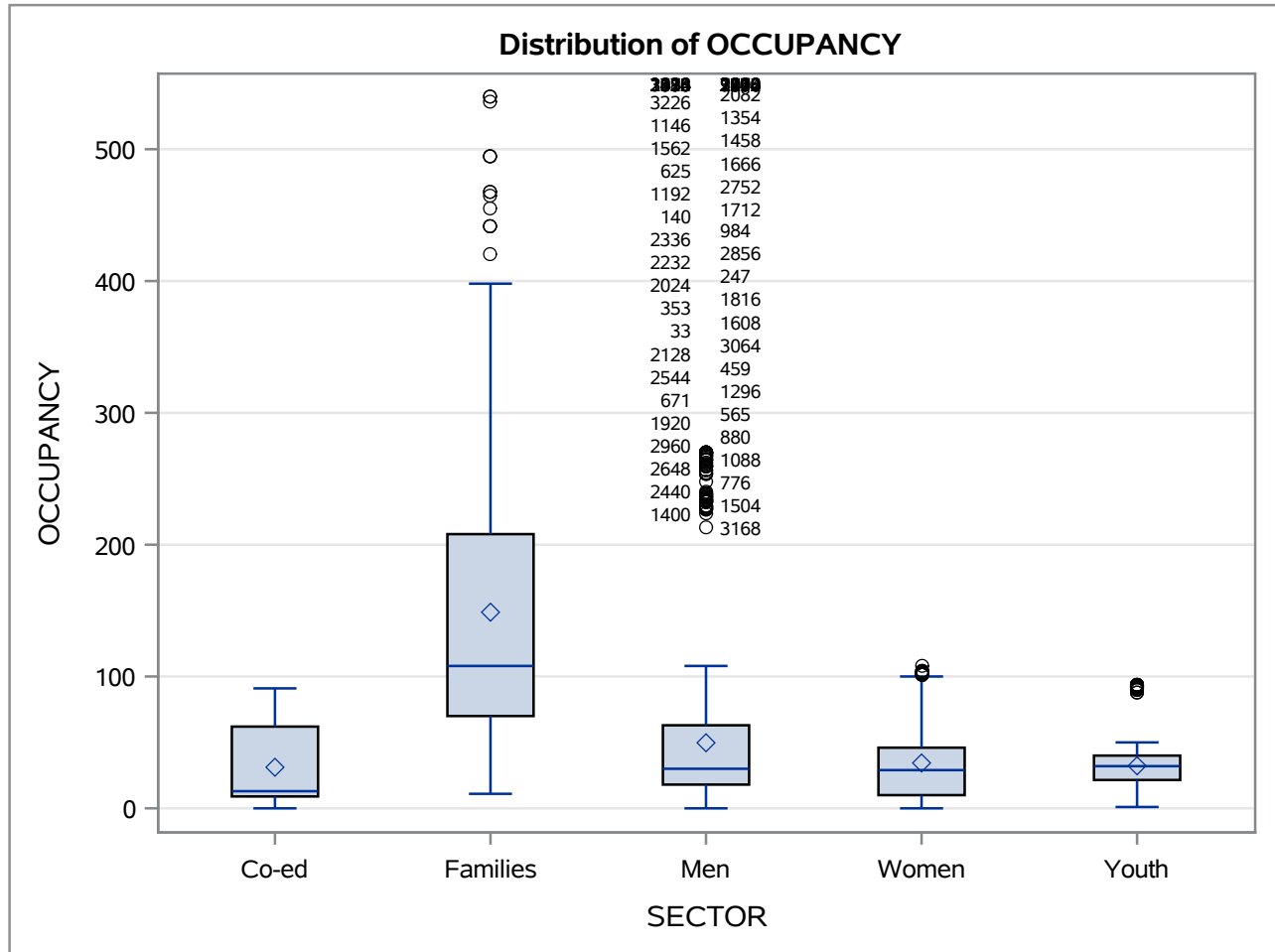
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Levene's Test for Homogeneity of OCCUPANCY Variance ANOVA of Squared Deviations from Group Means					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
SECTOR	4	3.717E10	9.2923E9	106.22	<.0001
Error	3236	2.831E11	87485916		

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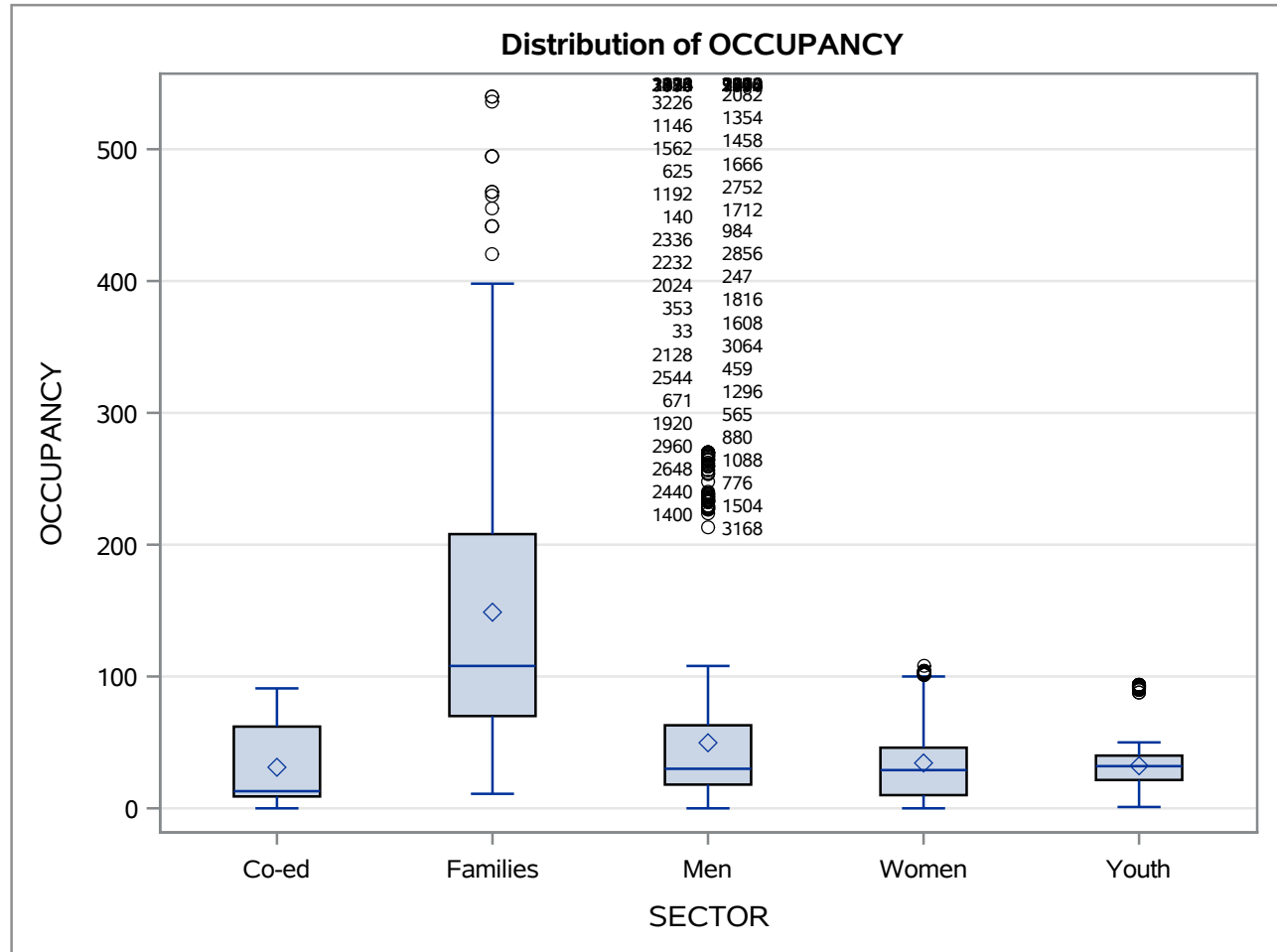
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Level of SECTOR	N	OCCUPANCY	
		Mean	Std Dev
Co-ed	534	31.149813	30.321913
Families	434	148.774194	105.282792
Men	1092	49.726190	56.032604
Women	685	34.391241	27.927044
Youth	496	32.254032	20.638005

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Tukey's Studentized Range (HSD) Test for OCCUPANCY

Note: This test controls the Type I experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	3236
Error Mean Square	2923.141
Critical Value of Studentized Range	3.85983

Comparisons significant at the 0.05 level are indicated by ***.				
SECTOR Comparison	Difference Between Means	Simultaneous 95% Confidence Limits		
Families - Men	99.048	90.675	107.421	***
Families - Women	114.383	105.330	123.436	***
Families - Youth	116.520	106.821	126.219	***
Families - Co-ed	117.624	108.088	127.161	***
Men - Families	-99.048	-107.421	-90.675	***
Men - Women	15.335	8.143	22.527	***
Men - Youth	17.472	9.482	25.462	***
Men - Co-ed	18.576	10.784	26.369	***
Women - Families	-114.383	-123.436	-105.330	***
Women - Men	-15.335	-22.527	-8.143	***
Women - Youth	2.137	-6.563	10.837	
Women - Co-ed	3.241	-5.277	11.760	
Youth - Families	-116.520	-126.219	-106.821	***
Youth - Men	-17.472	-25.462	-9.482	***
Youth - Women	-2.137	-10.837	6.563	
Youth - Co-ed	1.104	-8.098	10.306	
Co-ed - Families	-117.624	-127.161	-108.088	***
Co-ed - Men	-18.576	-26.369	-10.784	***
Co-ed - Women	-3.241	-11.760	5.277	
Co-ed - Youth	-1.104	-10.306	8.098	