The NPAR1WAY Procedure
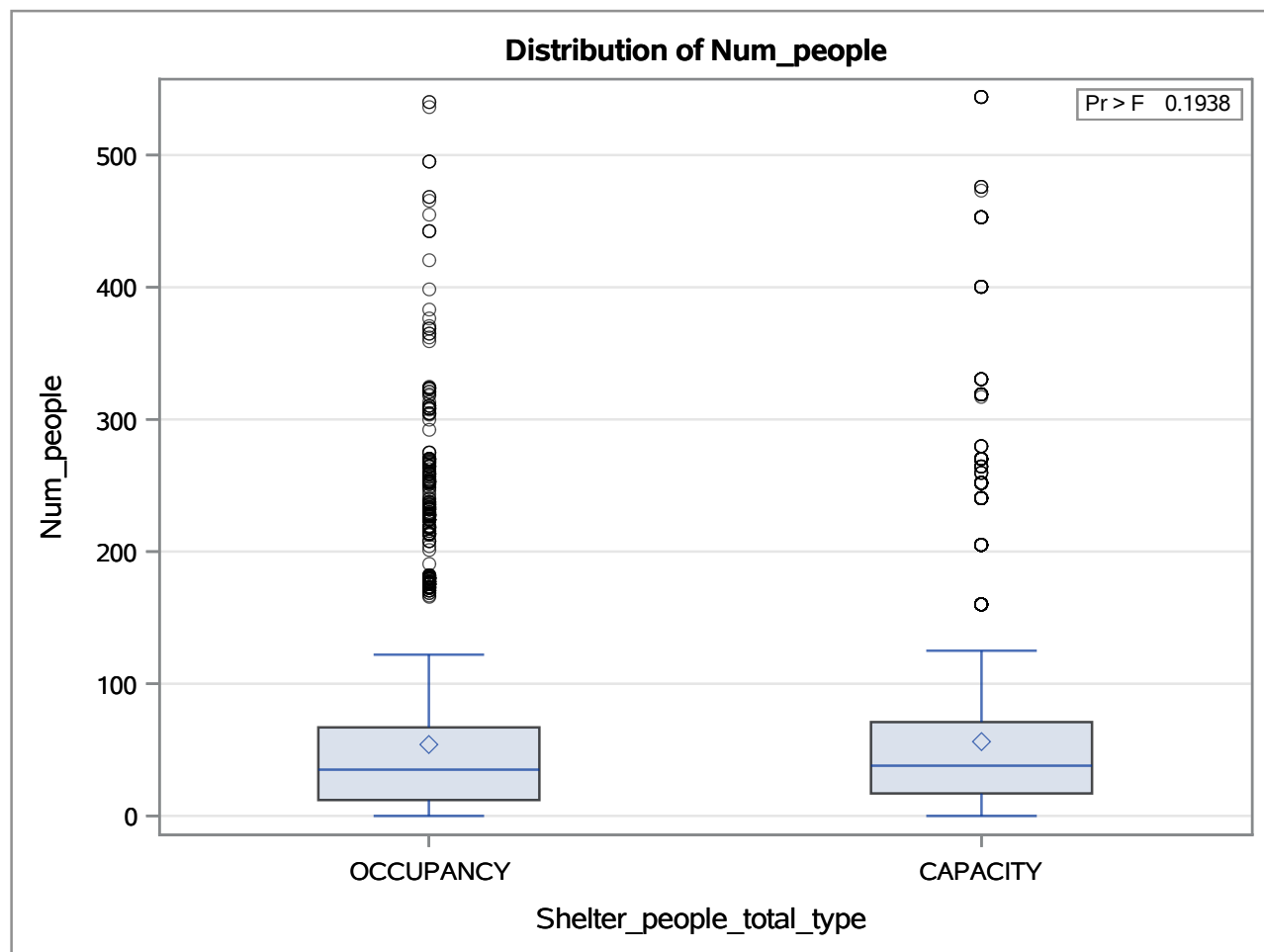
Analysis of Variance for Variable Num_people Classified by Variable Shelter_people_total_type		
Shelter_people_total_type	N	Mean
OCCUPANCY	3241	54.013885
CAPACITY	3241	56.199630

| Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Among	1	7741.90929	7741.909287	1.6891	0.1938
Within	6480	29700088.21475	4583.346947		
Average scores were used for ties.					

Distribution of Num_people

Pr > F 0.1938

The NPAR1WAY Procedure

Wilcoxon Scores (Rank Sums) for Variable Num_people Classified by Variable Shelter_people_total_type					
Shelter_people_total_type	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
OCCUPANCY	3241	10291618.5	10505701.5	75316.0712	3175.44539
CAPACITY	3241	10719784.5	10505701.5	75316.0712	3307.55461
Average scores were used for ties.					

Wilcoxon Two-Sample Test					
				t Approximation	
Statistic	Z	Pr < Z	Pr > |Z|	Pr < Z	Pr > |Z|
10291619	-2.8425	0.0022	0.0045	0.0022	0.0045
Z includes a continuity correction of 0.5.					

| Kruskal-Wallis Test		
Chi-Square	DF	Pr > ChiSq
8.0796	1	0.0045

Distribution of Wilcoxon Scores for Num_people
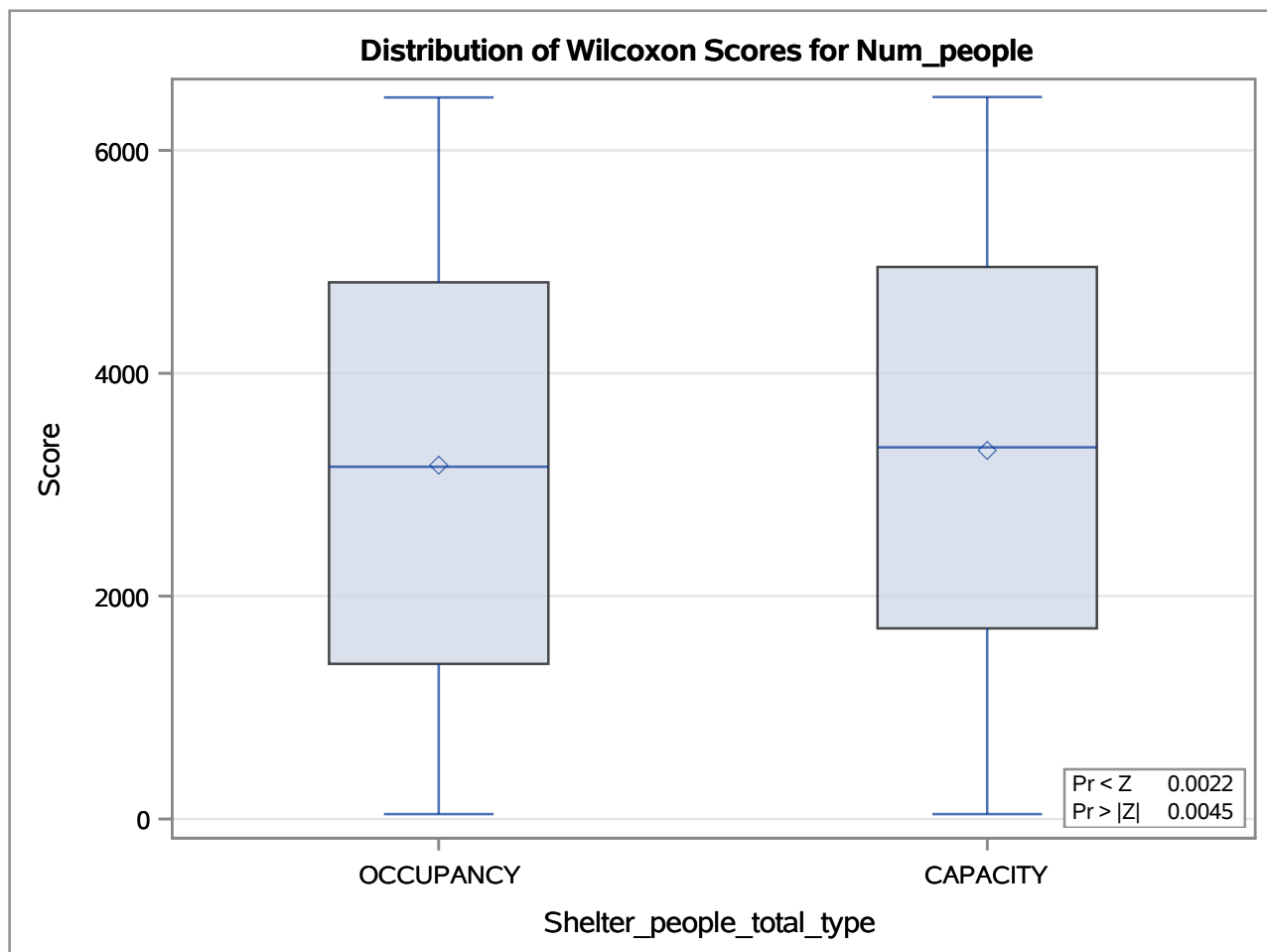
The NPAR1WAY Procedure

Median Scores (Number of Points Above Median) for Variable Num_people Classified by Variable Shelter_people_total_type					
Shelter_people_total_type	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
OCCUPANCY	3241	1578.36765	1620.50	20.111452	0.487000
CAPACITY	3241	1662.63235	1620.50	20.111452	0.513000
Average scores were used for ties.					

Median Two-Sample Test			
Statistic	Z	Pr < Z	Pr > |Z|
1578.368	-2.0949	0.0181	0.0362

| Median One-Way Analysis		
Chi-Square	DF	Pr > ChiSq
4.3888	1	0.0362

Frequencies Above and Below the Overall Median for Num_people
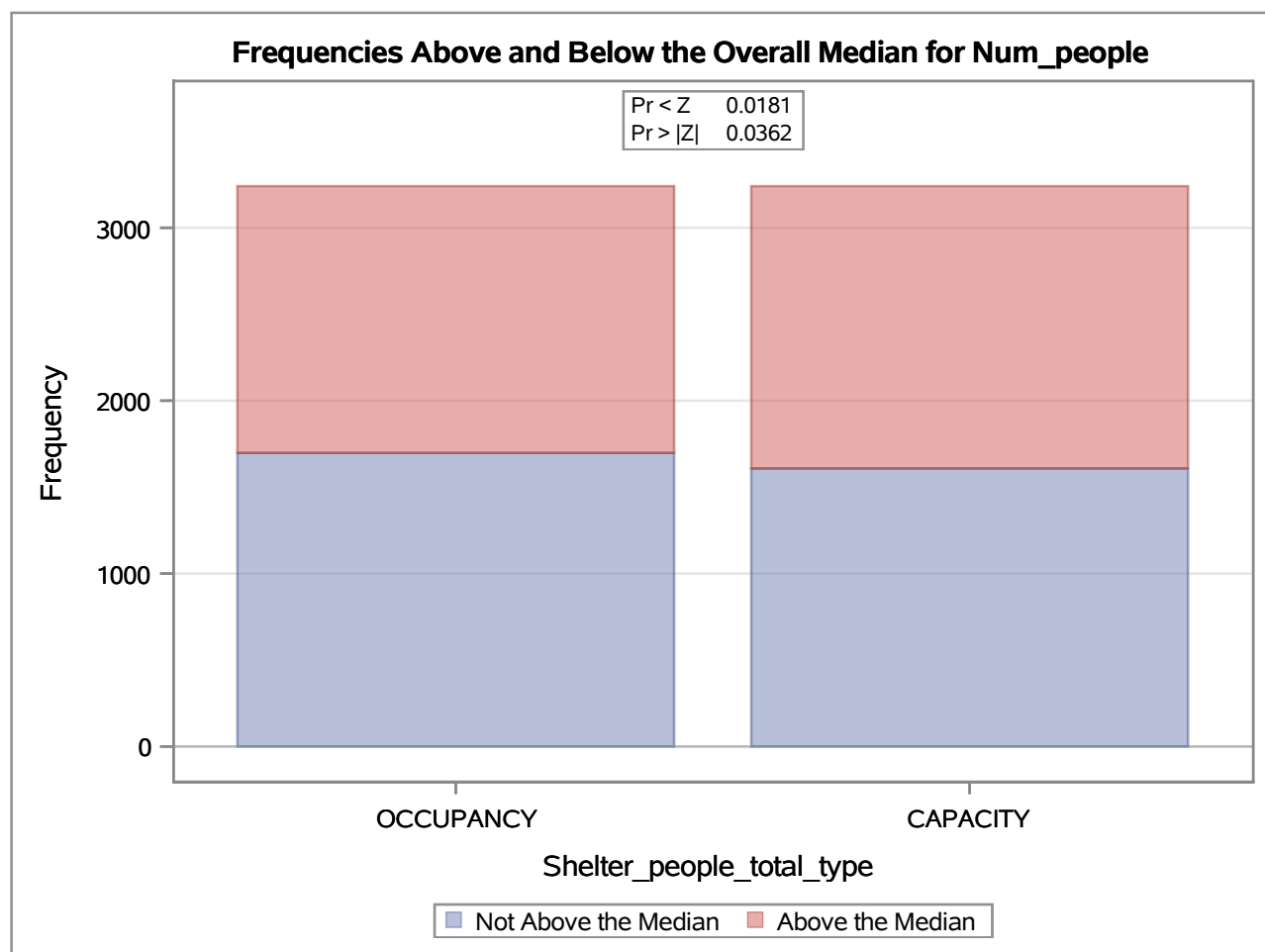
The NPAR1WAY Procedure

Van der Waerden Scores (Normal) for Variable Num_people Classified by Variable Shelter_people_total_type					
Shelter_people_total_type	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
OCCUPANCY	3241	-134.20170	0.0	40.168424	-0.041407
CAPACITY	3241	134.20170	0.0	40.168424	0.041407
Average scores were used for ties.					

Van der Waerden Two-Sample Test			
Statistic	Z	Pr < Z	Pr > |Z|
-134.202	-3.3410	0.0004	0.0008

Van der Waerden One-Way Analysis		
Chi-Square	DF	Pr > ChiSq
11.1621	1	0.0008

Distribution of Van der Waerden Scores for Num_people

| Pr < Z | 0.0004 |
| Pr > \|Z\| | 0.0008 |
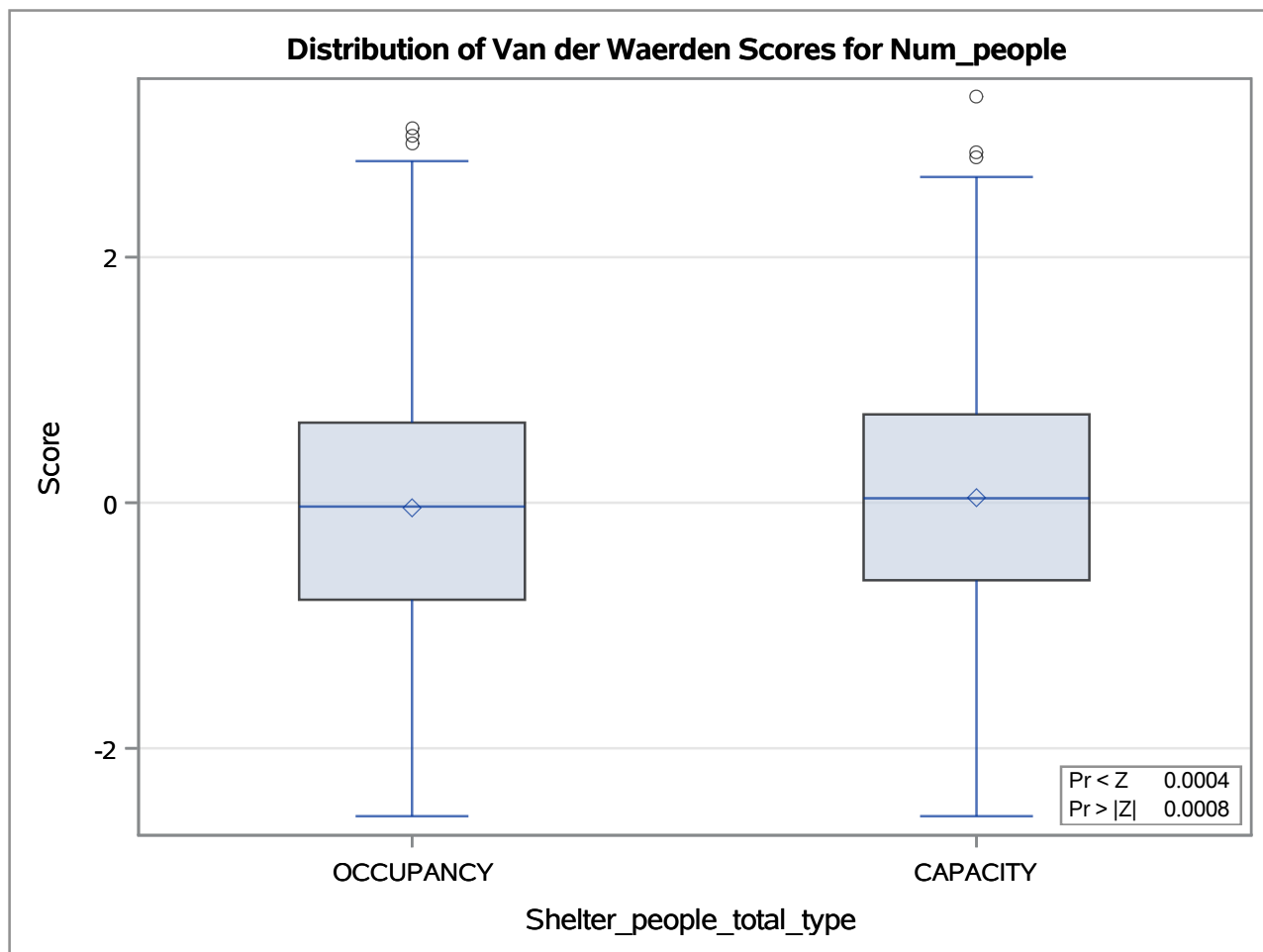
The NPAR1WAY Procedure

Savage Scores (Exponential) for Variable Num_people Classified by Variable Shelter_people_total_type					
Shelter_people_total_type	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
OCCUPANCY	3241	-80.632345	0.0	40.212538	-0.024879
CAPACITY	3241	80.632345	0.0	40.212538	0.024879
Average scores were used for ties.					

Savage Two-Sample Test			
Statistic	Z	Pr < Z	Pr > |Z|
-80.6323	-2.0052	0.0225	0.0449

Savage One-Way Analysis		
Chi-Square	DF	Pr > ChiSq
4.0206	1	0.0449

Distribution of Savage Scores for Num_people
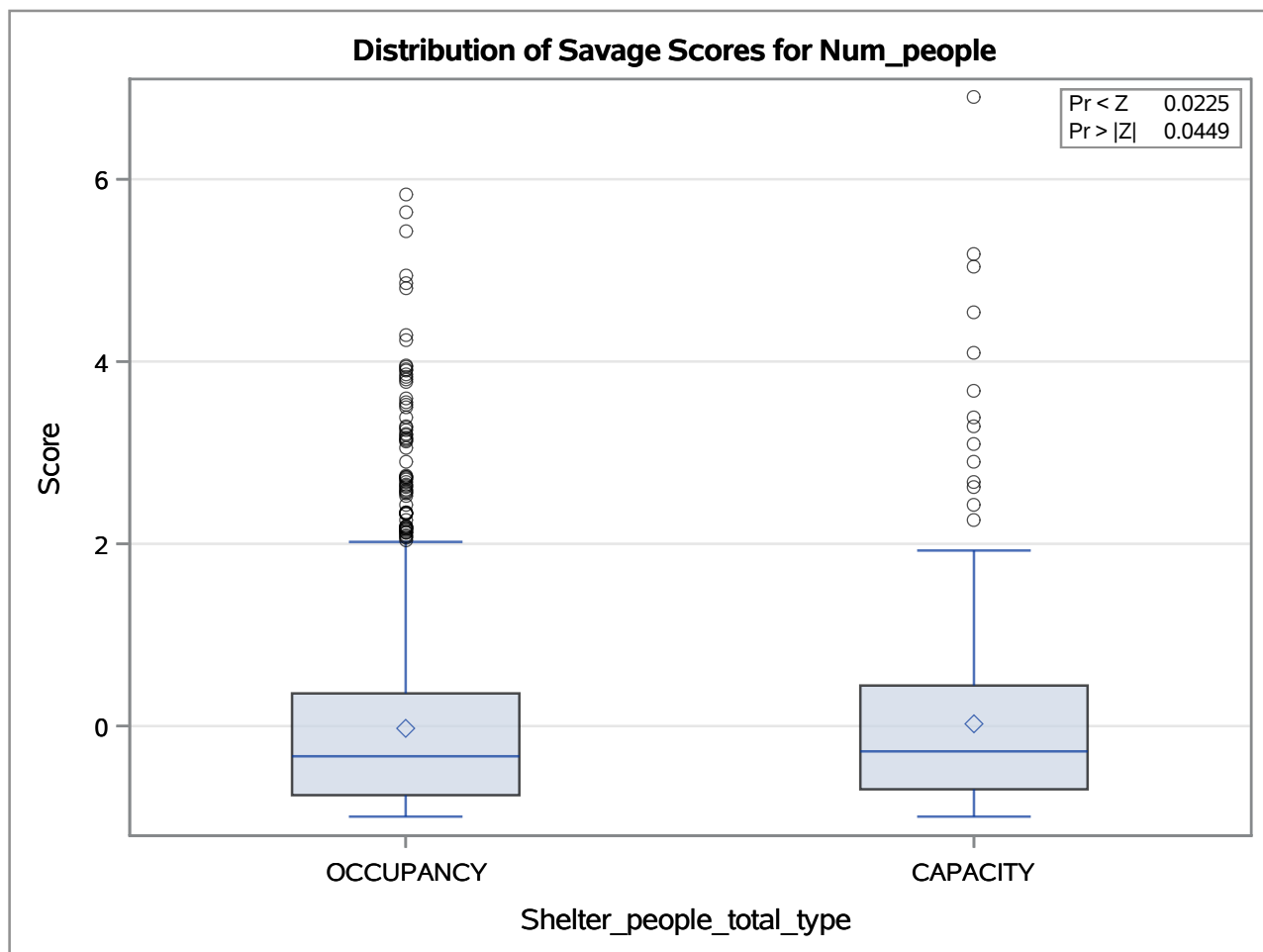
The NPAR1WAY Procedure

Kolmogorov-Smirnov Test for Variable Num_people Classified by Variable Shelter_people_total_type			
Shelter_people_total_type	N	EDF at Maximum	Deviation from Mean at Maximum
OCCUPANCY	3241	0.253008	1.545764
CAPACITY	3241	0.198704	-1.545764
Total	6482	0.225856	
Maximum Deviation Occurred at Observation 3948			
Value of Num_people at Maximum = 12.0			

Kolmogorov-Smirnov Two-Sample Test (Asymptotic)			
KS	0.027152	D	0.054304
KSa	2.186040	Pr > KSa	0.0001

Empirical Distribution for Num_people
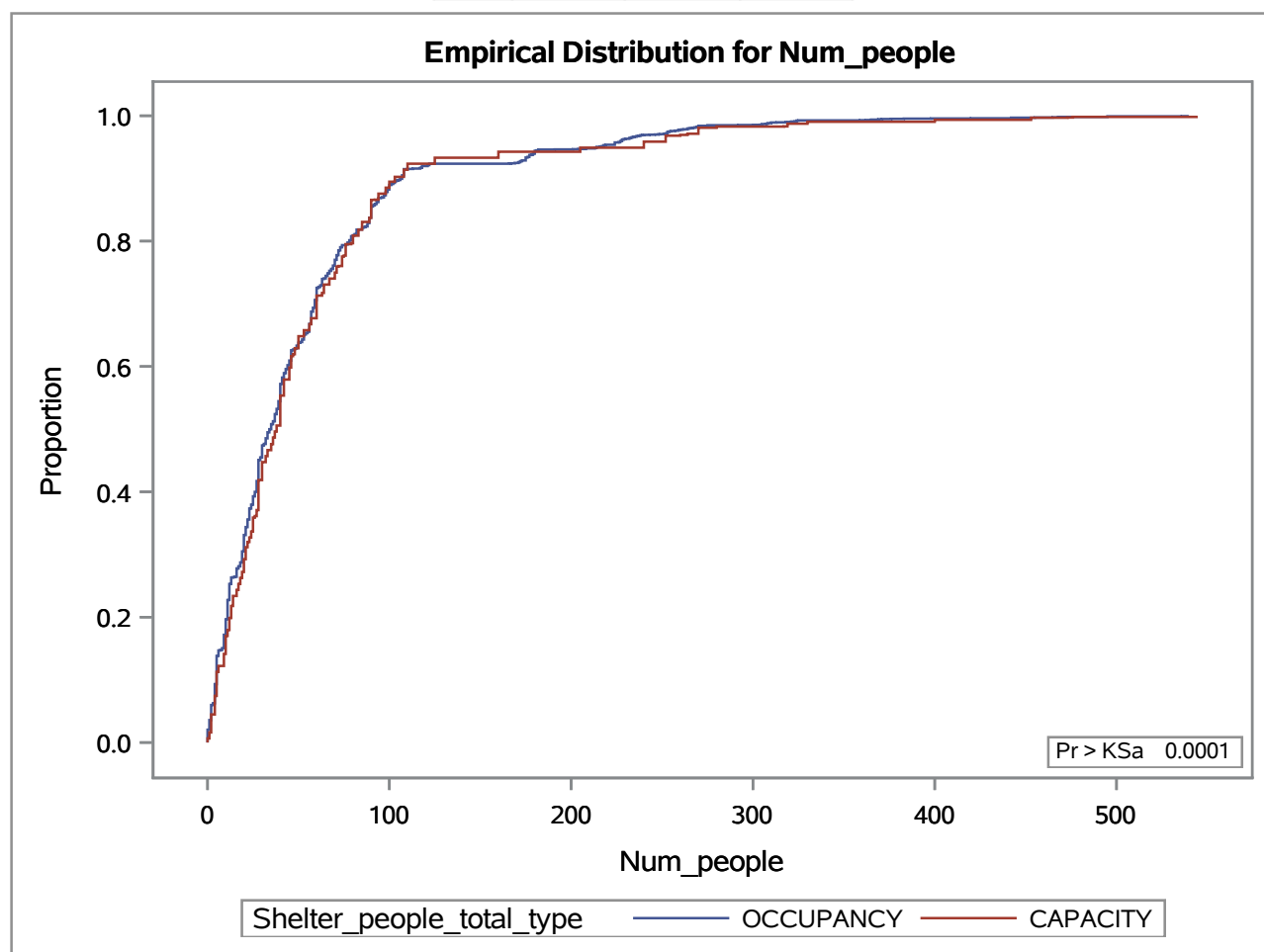
The NPAR1WAY Procedure

Cramer-von Mises Test for Variable Num_people Classified by Variable Shelter_people_total_type		
Shelter_people_total_type	N	Summed Deviation from Mean
OCCUPANCY	3241	0.516448
CAPACITY	3241	0.516448

Cramer-von Mises Statistics (Asymptotic)			
CM	0.000159	CMa	1.032896

Kuiper Test for Variable Num_people Classified by Variable Shelter_people_total_type		
Shelter_people_total_type	N	Deviation from Mean
OCCUPANCY	3241	0.054304
CAPACITY	3241	0.019130

Kuiper Two-Sample Test (Asymptotic)					
K	0.073434	Ka	2.956123	Pr > Ka	<.0001