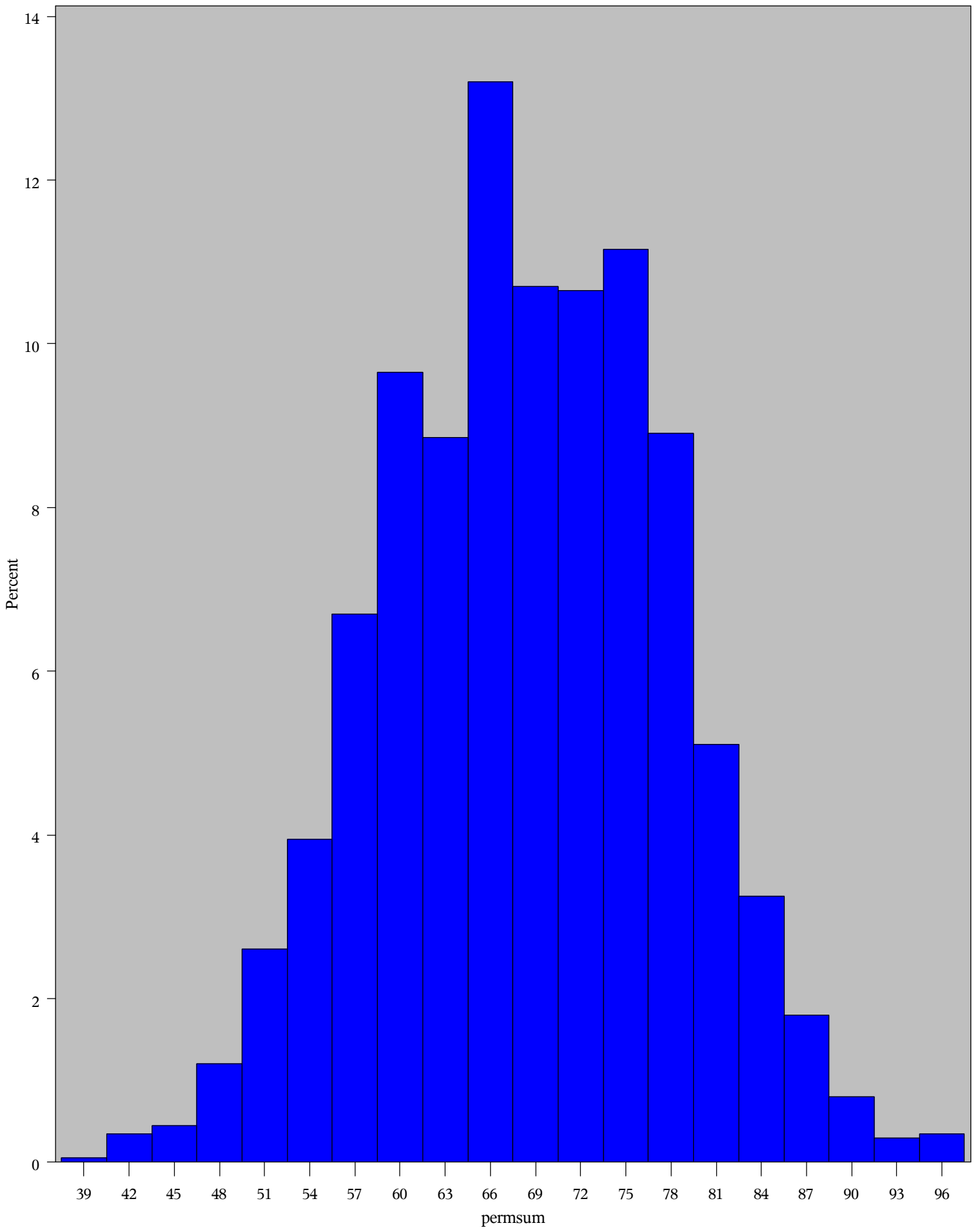


Obs	group	y	rky
1	1	59.1	7
2	1	60.3	10
3	1	58.1	5
4	1	61.3	11
5	1	65.1	15
6	1	65.0	14
7	1	63.4	13
8	1	67.8	16
9	2	60.1	9
10	2	52.1	1
11	2	59.3	8
12	2	55.0	4
13	2	54.6	3
14	2	54.4	2
15	2	58.7	6
16	2	62.5	12



Permutation distribution results

approximate permutation p value = 0.0085
with estimated error of +/- 0.0041

The NPAR1WAY Procedure

Wilcoxon Scores (Rank Sums) for Variable y Classified by Variable group					
group	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
1	8	91.0	68.0	9.521905	11.3750
2	8	45.0	68.0	9.521905	5.6250

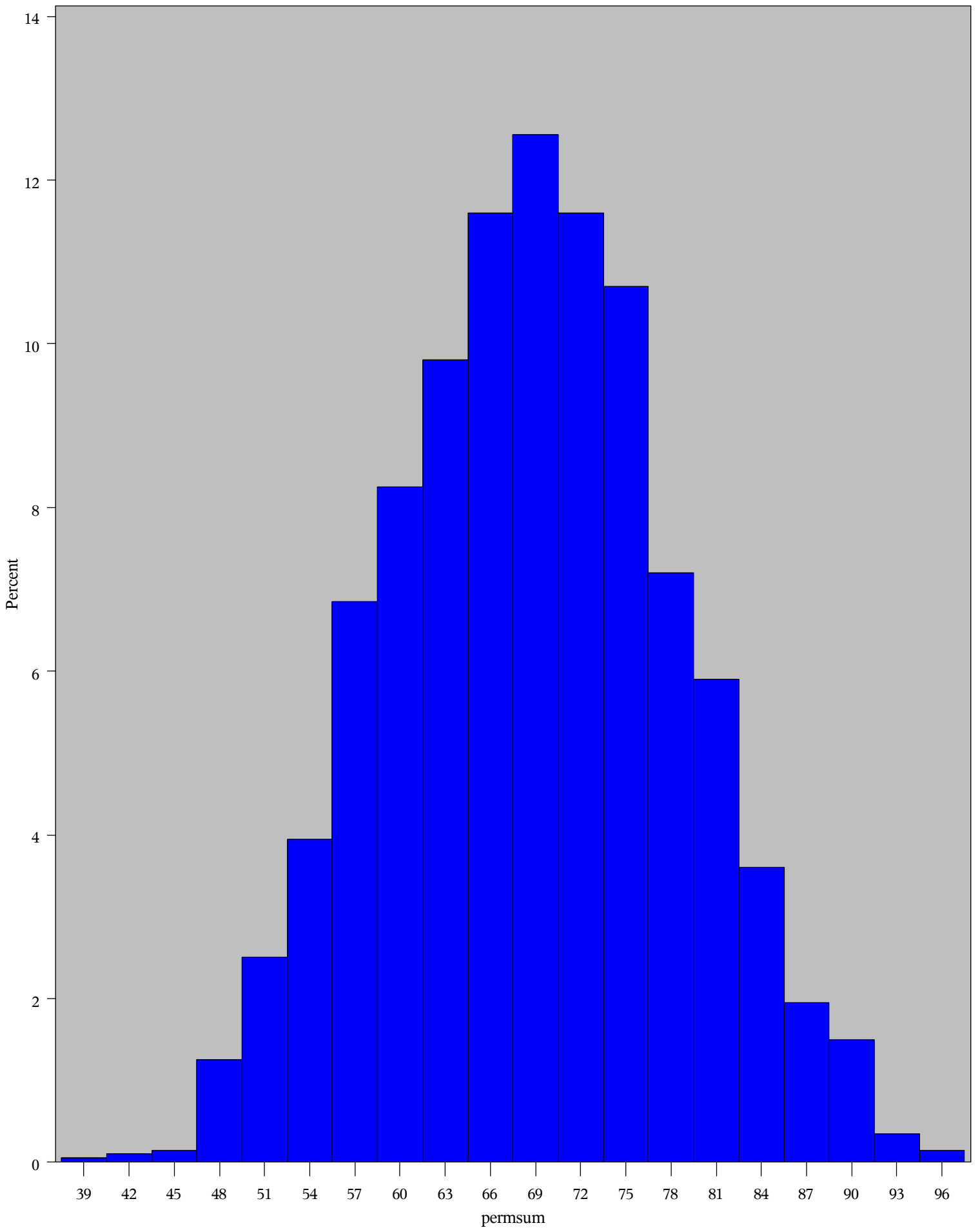
Wilcoxon Two-Sample Test	
Statistic (S)	91.0000
Normal Approximation	
Z	2.3630
One-Sided Pr > Z	0.0091
Two-Sided Pr > Z	0.0181
t Approximation	
One-Sided Pr > Z	0.0160
Two-Sided Pr > Z	0.0321
Z includes a continuity correction of 0.5.	

Monte Carlo Estimates for the Exact Test	
One-Sided Pr >= S	
Estimate	0.0055
99% Lower Conf Limit	0.0012
99% Upper Conf Limit	0.0098
Two-Sided Pr >= S - Mean	
Estimate	0.0105
99% Lower Conf Limit	0.0046
99% Upper Conf Limit	0.0164
Number of Samples	2000
Initial Seed	235508001

The NPAR1WAY Procedure

Kruskal-Wallis Test	
Chi-Square	5.8346
DF	1
Pr > Chi-Square	0.0157

Obs	group	y	rky
1	1	59.1	7.0
2	1	61.0	10.5
3	1	58.1	5.0
4	1	61.0	10.5
5	1	65.1	15.0
6	1	65.0	14.0
7	1	63.4	13.0
8	1	67.8	16.0
9	2	60.1	9.0
10	2	52.1	1.0
11	2	59.1	7.0
12	2	55.0	4.0
13	2	54.6	3.0
14	2	54.4	2.0
15	2	59.1	7.0
16	2	62.5	12.0



Permutation distribution results

approximate permutation p value = 0.007
with estimated error of +/- 0.0037

The NPAR1WAY Procedure

Wilcoxon Scores (Rank Sums) for Variable y Classified by Variable group					
group	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
1	8	91.0	68.0	9.486833	11.3750
2	8	45.0	68.0	9.486833	5.6250
Average scores were used for ties.					

Wilcoxon Two-Sample Test	
Statistic (S)	91.0000
Normal Approximation	
Z	2.3717
One-Sided Pr > Z	0.0089
Two-Sided Pr > Z	0.0177
t Approximation	
One-Sided Pr > Z	0.0158
Two-Sided Pr > Z	0.0315
Z includes a continuity correction of 0.5.	

The NPARIWAY Procedure

Monte Carlo Estimates for the Exact Test	
One-Sided Pr \geq S	
Estimate	0.0075
99% Lower Conf Limit	0.0025
99% Upper Conf Limit	0.0125
Two-Sided Pr \geq S - Mean	
Estimate	0.0165
99% Lower Conf Limit	0.0092
99% Upper Conf Limit	0.0238
Number of Samples	2000
Initial Seed	236414001

Kruskal-Wallis Test	
Chi-Square	5.8778
DF	1
Pr > Chi-Square	0.0153