3/13/2019 Results: Tutorial 5 Q4.sas

## The UNIVARIATE Procedure Variable: days

Moments					
N	50	Sum Weights	50		
Mean	43.04	Sum Observations	2152		
Std Deviation	41.9260574	Variance	1757.79429		
Skewness	1.48758619	Kurtosis	1.30932611		
Uncorrected SS	178754	Corrected SS	86131.92		
Coeff Variation	97.4118433	Std Error Mean	5.92923989		

Basic Statistical Measures				
Loc	ation	Variability		
Mean	43.04000	Std Deviation	41.92606	
Median	28.50000	Variance	1758	
Mode	5.00000	Range	164.00000	
		Interquartile Range	40.00000	

Note: The mode displayed is the smallest of 4 modes with a count of 3.

Tests for Location: Mu0=20				
Test	Statistic		p Value	
Student's t	t	3.885827	Pr >  t	0.0003
Sign	М	10.5	Pr >=  M	0.0038
Signed Rank	S	313.5	Pr >=  S	0.0012

Quantiles (Definition 5)		
Level	Quantile	
100% Max	165.0	
99%	165.0	
95%	137.0	
90%	116.5	
75% Q3	54.0	
50% Median	28.5	
25% Q1	14.0	
10%	5.0	
5%	4.0	
1%	1.0	
0% Min	1.0	

Extreme Observations				
Lowest		Highest		
Value	Obs	Value	Obs	
1	34	123	9	
2	8	126	15	
4	41	137	4	
4	26	152	7	
5	39	165	27	