APPENDIX 2

STATISTICS

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1. Weight

P11.12-1999; test HMR; Weight
Made by: Esa Wallius
16:58 Sunday, February 27, 2000

General Linear Models Procedure
Class Level Information

Class	Levels	Values
TREATMENT	5	Furos 50 HMR 10 HMR 100 HMR 30 Veh

Number of observations in data set = 30

Analysis of variance

Dependent Variable: WEIGHT

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	708.466667	177.116667	0.87	0.4949
Error	25	5082.333333	203.293333		
Corrected Total	29	5790.800000			

R-Square	C.V.	Root MSE	WEIGHT Mean
0.122343	2.671056	14.2581	533.800

Source	DF	Type III SS	Mean Square	F Value	Pr > F
TREATMENT	4	708.466667	177.116667	0.87	0.4949

General Linear Models Procedure
Least Squares Means

TREATMENT	WEIGHT LSMEAN
Furos 50	532.000000
HMR 10	533.333333
HMR 100	542.833333
HMR 30	532.666667
Veh	528.166667

Weight

Diagnostics: Checking the assumption of normal distribution of residuals

Univariate Procedure

Variable=RSTUDENT

Moments

N	30	Sum Wgts	30
Mean	0.002443	Sum	0.073276
Std Dev	1.043267	Variance	1.088407
Skewness	0.167676	Kurtosis	-0.57827
USS	31.56397	CSS	31.56379
CV	42712.7	Std Mean	0.190474
T:Mean=0	0.012823	Pr>|T|	0.9899
Num ^= 0	30	Num > 0	17
M(Sign)	2	Pr>=|M|	0.5847
Sgn Rank	-11.5	Pr>=|S|	0.8176
W:Normal	0.937415	Pr<W	0.0910

Quantiles(Def=5)

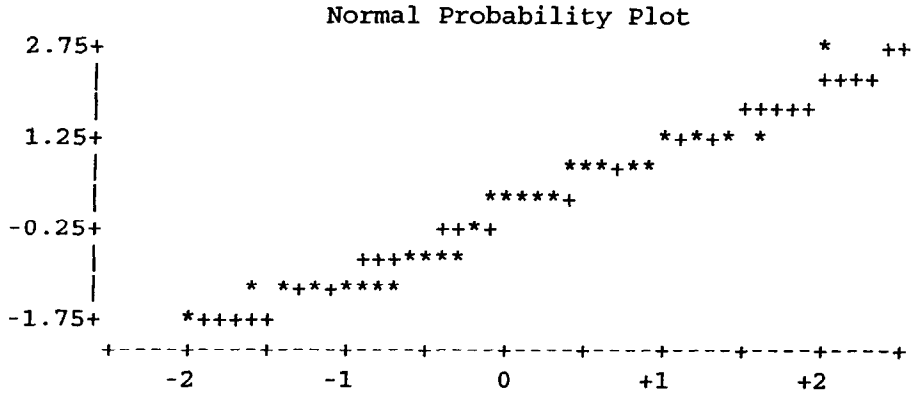
100% Max	2.509096	99%	2.509096
75% Q3	0.68407	95%	1.353707
50% Med	0.257569	90%	1.242591
25% Q1	-1.02545	10%	-1.38883
0% Min	-1.50978	5%	-1.43834
		1%	-1.50978
Range	4.018876		
Q3-Q1	1.709521		
Mode	0.68407		

Extremes

Lowest	Obs	Highest	Obs
-1.50978(	6)	1.012083(	30)
-1.43834(	15)	1.228815(	4)
-1.39588(	26)	1.256368(	29)
-1.38179(	24)	1.353707(	23)
-1.33971(	2)	2.509096(	17)

```
Stem Leaf                     #             Boxplot
   2 5                        1                |
   2                                           |
   1                                           |
   1 0234                     4                |
   0 5667788                  7             +-----+
   0 12344                    5             *--+--*
  -0 4                        1             |     |
  -0 8665                     4             |     |
  -1 4443310                  7             +-----+
  -1 5                        1                |
     ----+----+----+----+
```

Weight



2. Urine excretion

P11.12-1999; test HMR; Urine excretion
Made by: Esa Wallius
22:29 Monday, February 28, 2000

Analysis of variance

Dependent Variable: V_ER_KG6

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	5956.08905	1489.02226	160.47	0.0001
Error	25	231.97210	9.27888		
Corrected Total	29	6188.06115			

R-Square	C.V.	Root MSE	V_ER_KG6 Mean
0.962513	10.43923	3.04613	29.1796

Source	DF	Type III SS	Mean Square	F Value	Pr > F
TREATMENT	4	5956.08905	1489.02226	160.47	0.0001

Post hoc test: Dunnett

Dunnett's T tests for variable: V_ER_KG6

NOTE: This tests controls the type I experimentwise error for comparisons of all treatments against a control.

Alpha= 0.05 Confidence= 0.95 df= 25 MSE= 9.278884
Critical Value of Dunnett's T= 2.607
Minimum Significant Difference= 4.5848

Urine excretion

Comparisons significant at the 0.05 level are indicated by '***'.

TREATMENT Comparison	Simultaneous Lower Confidence Limit	Difference Between Means	Simultaneous Upper Confidence Limit	
Furos 50 - Veh	31.923	36.508	41.093	***
HMR 30 - Veh	-2.269	2.316	6.901	
HMR 100 - Veh	-2.653	1.932	6.516	
HMR 10 - Veh	-3.479	1.106	5.691	

Diagnostics: Checking the assumption of normal distribution of residuals

Univariate Procedure

Variable=RSTUDENT

Moments

N	30	Sum Wgts	30
Mean	-0.00002	Sum	-0.00075
Std Dev	1.044821	Variance	1.091651
Skewness	0.019902	Kurtosis	-0.52913
USS	31.65788	CSS	31.65788
CV	-4190477	Std Mean	0.190757
T:Mean=0	-0.00013	Pr>|T|	0.9999
Num ^= 0	30	Num > 0	15
M(Sign)	0	Pr>=|M|	1.0000
Sgn Rank	0.5	Pr>=|S|	0.9920
W:Normal	0.977832	Pr<W	0.7936

Quantiles(Def=5)

100% Max	2.361936	99%	2.361936
75% Q3	0.833199	95%	1.382582
50% Med	0.018363	90%	1.245116
25% Q1	-0.79108	10%	-1.44372
0% Min	-1.92731	5%	-1.74093
		1%	-1.92731
Range	4.289249		
Q3-Q1	1.624278		
Mode	-1.92731		

Extremes

Lowest	Obs	Highest	Obs
-1.92731(	6)	0.96093(	2)
-1.74093(	27)	1.201412(	1)
-1.53265(	17)	1.28882(	3)
-1.35479(	24)	1.382582(	28)
-1.10561(	29)	2.361936(	30)

Urine excretion

```
Stem Leaf                     #             Boxplot
   2 4                        1                |
   1                                           |
   1 0234                     4                |
   0 5678899                  7             +-----+
   0 034                      3             *-----*
  -0 4310                     4             |  +  |
  -0 98766                    5             +-----+
  -1 410                      3                |
  -1 975                      3                |
     ----+----+----+----+
```

```
                    Normal Probability Plot
 2.25+                                                *+++
     |                                           +++++
     |                                      ++*+* *
     |                                 *******
 0.25+                            ****+
     |                        +****
     |                   +*****
     |              ++*+**
-1.75+       *+++*+*
      +----+----+----+----+----+----+----+----+----+----+
          -2        -1         0        +1        +2
```

3. Urine osmolality

P11.12-1999; test HMR; Urine osmolality

General Linear Models Procedure
Class Level Information

Class	Levels	Values
TREATMENT	5	Furos 50 HMR 10 HMR 100 HMR 30 Veh

Number of observations in data set = 30

Analysis of variance

Dependent Variable: U_OSMOL

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	521989.333	130497.333	18.24	0.0001
Error	25	178815.333	7152.613		
Corrected Total	29	700804.667			

R-Square	C.V.	Root MSE	U_OSMOL Mean
0.744843	13.29070	84.5731	636.333

Source	DF	Type III SS	Mean Square	F Value	Pr > F
TREATMENT	4	521989.333	130497.333	18.24	0.0001

Urine osmolality

Post hoc test: Dunnett
Dunnett's T tests for variable: U_OSMOL

NOTE: This tests controls the type I experimentwise error for comparisons of all treatments against a control.

Alpha= 0.05 Confidence= 0.95 df= 25 MSE= 7152.613
Critical Value of Dunnett's T= 2.607
Minimum Significant Difference= 127.29

Comparisons significant at the 0.05 level are indicated by '***'.

TREATMENT Comparison	Simultaneous Lower Confidence Limit	Difference Between Means	Simultaneous Upper Confidence Limit	
HMR 10 - Veh	7.04	134.33	261.63	***
HMR 100 - Veh	-53.13	74.17	201.46	
HMR 30 - Veh	-70.96	56.33	183.63	
Furos 50 - Veh	-372.96	-245.67	-118.37	***

Diagnostics: Checking the assumption of normal distribution of residuals

Variable=RSTUDENT

Moments

N	30	Sum Wgts	30
Mean	-0.00037	Sum	-0.01117
Std Dev	1.098687	Variance	1.207113
Skewness	-0.03496	Kurtosis	2.284423
USS	35.00628	CSS	35.00627
CV	-295079	Std Mean	0.200592
T:Mean=0	-0.00186	Pr>|T|	0.9985
Num ^= 0	30	Num > 0	13
M(Sign)	-2	Pr>=|M|	0.5847
Sgn Rank	-13.5	Pr>=|S|	0.7865
W:Normal	0.924738	Pr<W	0.0409

Quantiles(Def=5)

100% Max	2.893912	99%	2.893912
75% Q3	0.538356	95%	1.836479
50% Med	-0.08674	90%	1.406766
25% Q1	-0.37975	10%	-1.18084
0% Min	-2.95742	5%	-2.06059
		1%	-2.95742
Range	5.851327		
Q3-Q1	0.918105		
Mode	-0.37975		

Urine osmolality

Extremes

Lowest	Obs	Highest	Obs
-2.95742(	6)	0.986011(	22)
-2.06059(	28)	1.149297(	14)
-1.55569(	23)	1.664236(	24)
-0.80599(	29)	1.836479(	5)
-0.45673(	15)	2.893912(	27)

```
Stem Leaf                     #             Boxplot
   2 9                        1                0
   2
   1 78                       2                |
   1 01                       2                |
   0 556                      3             +-----+
   0 00022                    5             |     |
  -0 444432222110            12             *--+--*
  -0 85                       2                |
  -1                                           |
  -1 6                        1                |
  -2 1                        1                0
  -2
  -3 0                        1                0
     ----+----+----+----+
```

Univariate Procedure

Variable=RSTUDENT

Normal Probability Plot

```
 2.75+                                                  *  +++
     |                                                 ++++
     |                                             *+*++
     |                                         ++*+
     |                                     ++****
     |                                 +**+**
-0.25+                  **** *******
     |                *  +++++
     |               ++++
     |          ++++*
     |     ++++  *
     |+++  *
-3.25+
      +----+----+----+----+----+----+----+----+----+----+
          -2        -1         0        +1        +2
```

4. Na^+ concentration

P11.12-1999; test HMR; Na-Concentration
Made by: Esa Wallius
16:58 Sunday, February 27, 2000

General Linear Models Procedure
Class Level Information

Class	Levels	Values
TREATMENT	5	Furos 50 HMR 10 HMR 100 HMR 30 Veh

Number of observations in data set = 30

Diagnostics: Checking the assumption of normal distribution of residuals

Univariate Procedure

Variable=RSTUDENT

Moments

N	30	Sum Wgts	30
Mean	0.173155	Sum	5.19466
Std Dev	1.867784	Variance	3.488619
Skewness	4.689073	Kurtosis	24.08004
USS	102.0694	CSS	101.1699
CV	1078.676	Std Mean	0.341009
T:Mean=0	0.507773	Pr>|T|	0.6155
Num ^= 0	29	Num > 0	9
M(Sign)	-5.5	Pr>=|M|	0.0614
Sgn Rank	-58.5	Pr>=|S|	0.2110
W:Normal	0.458451	Pr<W	0.0001

Quantiles(Def=5)

100% Max	9.586971	99%	9.586971
75% Q3	0.164712	95%	1.321394
50% Med	-0.20596	90%	0.90026
25% Q1	-0.45465	10%	-0.92295
0% Min	-1.0965	5%	-1.0965
		1%	-1.0965
Range	10.68347		
Q3-Q1	0.619361		
Mode	-0.20596		

Extremes

Lowest	Obs	Highest	Obs
-1.0965(	22)	0.538232(	14)
-1.0965(	21)	0.792097(	4)
-1.0965(	19)	1.008424(	11)
-0.7494(	7)	1.321394(	5)
-0.70688(	6)	9.586971(	23)

Na^+ concentration

```
Stem Leaf                     #             Boxplot
   9 6                        1                *
   8
   7
   6
   5
   4
   3
   2
   1 03                       2                0
   0 0222358                  7             +--+--+
  -0 77665552222221111       17             *-----*
  -1 111                      3                |
     ----+----+----+----+
```

Univariate Procedure

Variable=RSTUDENT

Normal Probability Plot

```
 9.5+                                                *
    |
    |
    |
    |
    |                                                 +++++
    |                                            +++++
    |                                       ++++++
    |                                  +++++    * *
    |                             +++++** *** *
    |                  * ** *+**+*+** *
-1.5+      *   * *  +++++
     +----+----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

Test of normality failed. A nonparametric Kruskal-Wallis test was applied.

Na^+ concentration

Nonparametric testing
Made by: Esa Wallius
16:58 Sunday, February 27, 2000

N P A R 1 W A Y P R O C E D U R E

Wilcoxon Scores (Rank Sums) for Variable _NA_
Classified by Variable TREATMENT

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	71.500000	93.0	18.2715154	11.9166667
Furos 50	6	165.000000	93.0	18.2715154	27.5000000
HMR 10	6	74.000000	93.0	18.2715154	12.3333333
HMR 30	6	87.500000	93.0	18.2715154	14.5833333
HMR 100	6	67.000000	93.0	18.2715154	11.1666667

Average Scores Were Used for Ties

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 16.088 DF = 4 Prob > CHISQ = 0.0029

P-values of pairwise comparisons should be Bonferroni-corrected X4.

N P A R 1 W A Y P R O C E D U R E

Wilcoxon Scores (Rank Sums) for Variable _NA_
Classified by Variable TREATMENT

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	21.0	39.0	6.19016816	3.50000000
Furos 50	6	57.0	39.0	6.19016816	9.50000000

Average Scores Were Used for Ties

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 8.4555 DF = 1 Prob > CHISQ = 0.0036

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	39.0	39.0	5.60032467	6.50000000
HMR 10	6	39.0	39.0	5.60032467	6.50000000

Average Scores Were Used for Ties

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 0 DF = 1 Prob > CHISQ = 1.0000

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	35.5000000	39.0	5.83874208	5.91666667
HMR 30	6	42.5000000	39.0	5.83874208	7.08333333

Average Scores Were Used for Ties

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 0.35933 DF = 1 Prob > CHISQ = 0.5489

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	39.0	39.0	5.58813678	6.50000000
HMR 100	6	39.0	39.0	5.58813678	6.50000000

Average Scores Were Used for Ties

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 0 DF = 1 Prob > CHISQ = 1.0000

5. Na^+ excretion

P11.12-1999; test HMR; Na-Excretion
Made by: Esa Wallius
16:58 Sunday, February 27, 2000

General Linear Models Procedure
Class Level Information

Class	Levels	Values
TREATMENT	5	Furos 50 HMR 10 HMR 100 HMR 30 Veh

Number of observations in data set = 30

Diagnostics: Checking the assumption of normal distribution of residuals

Univariate Procedure

Variable=RSTUDENT

Moments

N	30	Sum Wgts	30
Mean	0.068728	Sum	2.061829
Std Dev	1.36696	Variance	1.868579
Skewness	3.040034	Kurtosis	14.58247
USS	54.33048	CSS	54.18878
CV	1988.952	Std Mean	0.249572
T:Mean=0	0.275383	Pr>|T|	0.7850
Num ^= 0	30	Num > 0	12
M(Sign)	-3	Pr>=|M|	0.3616
Sgn Rank	-35.5	Pr>=|S|	0.4746
W:Normal	0.682738	Pr<W	0.0001

Na^+ excretion

Quantiles(Def=5)

100% Max	6.201725	99%	6.201725
75% Q3	0.275633	95%	1.345791
50% Med	-0.08508	90%	0.929136
25% Q1	-0.531	10%	-0.91192
0% Min	-2.61098	5%	-1.01036
		1%	-2.61098
Range	8.812705		
Q3-Q1	0.806629		
Mode	-2.61098		

Extremes

Lowest	Obs	Highest	Obs
-2.61098(	7)	0.476677(	12)
-1.01036(	8)	0.769793(	5)
-0.93528(	22)	1.08848(	11)
-0.88856(	21)	1.345791(	10)
-0.87046(	19)	6.201725(	23)

```
Stem Leaf                     #             Boxplot
   6 2                        1                *
   5
   4
   3
   2
   1 13                       2                |
   0 011334558                9             +--+--+
  -0 9997652222111111        16             *-----*
  -1 0                        1                |
  -2 6                        1                0
     ----+----+----+----+
```

Normal Probability Plot

```
 6.5+                                                *
    |
    |
 3.5+                                                  ++++
    |                                            +++++++
    |                                   +++++++* *
 0.5+                            +++******** *
    |            * * *************
    |          *++++++++
-2.5+   ++*++++
     +----+----+----+----+----+----+----+----+----+----+
         -2        -1         0        +1        +2
```

Test of normality failed. A nonparametric Kruskal-Wallis test was applied.

Na^+ excretion

Nonparametric testing
Made by: Esa Wallius
16:58 Sunday, February 27, 2000

N P A R 1 W A Y P R O C E D U R E

Wilcoxon Scores (Rank Sums) for Variable NA_ERIT
Classified by Variable TREATMENT

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	78.0	93.0	19.2873015	13.0000000
Furos 50	6	165.0	93.0	19.2873015	27.5000000
HMR 10	6	72.0	93.0	19.2873015	12.0000000
HMR 30	6	90.0	93.0	19.2873015	15.0000000
HMR 100	6	60.0	93.0	19.2873015	10.0000000

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 14.942 DF = 4 Prob > CHISQ = 0.0048

P-values of pairwise comparisons should be Bonferroni-corrected X4.

Wilcoxon Scores (Rank Sums) for Variable NA_ERIT
Classified by Variable TREATMENT

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	21.0	39.0	6.24499800	3.50000000
Furos 50	6	57.0	39.0	6.24499800	9.50000000

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 8.3077 DF = 1 Prob > CHISQ = 0.0039

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	42.0	39.0	6.24499800	7.0
HMR 10	6	36.0	39.0	6.24499800	6.0

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 0.23077 DF = 1 Prob > CHISQ = 0.6310

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	36.0	39.0	6.24499800	6.0
HMR 30	6	42.0	39.0	6.24499800	7.0

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 0.23077 DF = 1 Prob > CHISQ = 0.6310

Na^+ excretion

TREATMENT	N	Sum of Scores	Expected Under H0	Std Dev Under H0	Mean Score
Veh	6	42.0	39.0	6.24499800	7.0
HMR 100	6	36.0	39.0	6.24499800	6.0

Kruskal-Wallis Test (Chi-Square Approximation)
CHISQ = 0.23077 DF = 1 Prob > CHISQ = 0.6310

6. K^+ concentration

P11.12-1999; test HMR; K-Concentration
Made by: Esa Wallius
16:58 Sunday, February 27, 2000

General Linear Models Procedure
Class Level Information

Class	Levels	Values
TREATMENT	5	Furos 50 HMR 10 HMR 100 HMR 30 Veh

Number of observations in data set = 30

Analysis of variance

Dependent Variable: _K_

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	657.533333	164.383333	4.55	0.0067
Error	25	903.666667	36.146667		
Corrected Total	29	1561.200000			

R-Square	C.V.	Root MSE	_K_ Mean
0.421172	18.00063	6.01221	33.4000

Source	DF	Type III SS	Mean Square	F Value	Pr > F
TREATMENT	4	657.533333	164.383333	4.55	0.0067

Post hoc test: Dunnett

Dunnett's T tests for variable: _K_

NOTE: This tests controls the type I experimentwise error for comparisons of all treatments against a control.

Alpha= 0.05 Confidence= 0.95 df= 25 MSE= 36.14667
Critical Value of Dunnett's T= 2.607
Minimum Significant Difference= 9.0491

Comparisons significant at the 0.05 level are indicated by '***'.

K^+ concentration

TREATMENT Comparison	Simultaneous Lower Confidence Limit	Difference Between Means	Simultaneous Upper Confidence Limit	
Furos 50 - Veh	4.118	13.167	22.216	***
HMR 10 - Veh	-4.049	5.000	14.049	
HMR 30 - Veh	-6.549	2.500	11.549	
HMR 100 - Veh	-7.716	1.333	10.382	

Diagnostics: Checking the assumption of normal distribution of residuals

Univariate Procedure

Variable=RSTUDENT

Moments

N	30	Sum Wgts	30
Mean	0.008612	Sum	0.258363
Std Dev	1.061568	Variance	1.126926
Skewness	0.43755	Kurtosis	0.303259
USS	32.68308	CSS	32.68086
CV	12326.49	Std Mean	0.193815
T:Mean=0	0.044435	Pr>|T|	0.9649
Num ^= 0	30	Num > 0	12
M(Sign)	-3	Pr>=|M|	0.3616
Sgn Rank	-11	Pr>=|S|	0.8254
W:Normal	0.963028	Pr<W	0.4146

Quantiles(Def=5)

100% Max	2.382091	99%	2.382091
75% Q3	0.508531	95%	2.143486
50% Med	-0.13396	90%	1.660642
25% Q1	-0.62997	10%	-1.39272
0% Min	-2.02887	5%	-1.70077
		1%	-2.02887
Range	4.410966		
Q3-Q1	1.138503		
Mode	-0.20846		

Extremes

Lowest	Obs	Highest	Obs
-2.02887(	23)	1.002207(	24)
-1.70077(	6)	1.29241(	4)
-1.49303(	15)	2.028874(	22)
-1.29241(	1)	2.143486(	5)
-0.97063(	28)	2.382091(	17)

K^+ concentration

```
Stem Leaf                     #             Boxplot
   2 014                      3                0
   1                                           |
   1 03                       2                |
   0 558                      3             +-----+
   0 3334                     4             |  +  |
  -0 4443222110              10             *-----*
  -0 776                      3             +-----+
  -1 30                       2                |
  -1 75                       2                |
  -2 0                        1                |
     ----+----+----+----+
```

```
                    Normal Probability Plot
 2.25+                                        * *  +*+++
     |                                         ++++
     |                                     *+*++
 0.75+                                 ++***
     |                            +++****
     |                       *****+***
-0.75+                  ****++
     |             *+*++
     |         ++*+
-2.25+  +++*+
      +----+----+----+----+----+----+----+----+----+----+
          -2        -1         0        +1        +2
```

7. K^+ excretion

P11.12-1999; test HMR; K-Excretion
Made by: Esa Wallius
16:58 Sunday, February 27, 2000

General Linear Models Procedure
Class Level Information

Class	Levels	Values
TREATMENT	5	Furos 50 HMR 10 HMR 100 HMR 30 Veh

Number of observations in data set = 30

Analysis of variance

Dependent Variable: K_ERIT

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	14.5136603	3.6284151	215.49	0.0001
Error	25	0.4209488	0.0168380		
Corrected Total	29	14.9346091			

K^+ excretion

R-Square	C.V.	Root MSE	K_ERIT Mean
0.971814	12.59939	0.12976	1.02990

Source	DF	Type III SS	Mean Square	F Value	Pr > F
TREATMENT	4	14.5136603	3.6284151	215.49	0.0001

Post hoc test: Dunnett

Dunnett's T tests for variable: K_ERIT

NOTE: This tests controls the type I experimentwise error for comparisons of all treatments against a control.

Alpha= 0.05 Confidence= 0.95 df= 25 MSE= 0.016838
Critical Value of Dunnett's T= 2.607
Minimum Significant Difference= 0.1953

Comparisons significant at the 0.05 level are indicated by '***'.

TREATMENT Comparison	Simultaneous Lower Confidence Limit	Difference Between Means	Simultaneous Upper Confidence Limit	
Furos 50 - Veh	1.62343	1.81874	2.01405	***
HMR 10 - Veh	-0.06294	0.13237	0.32768	
HMR 30 - Veh	-0.07619	0.11912	0.31442	
HMR 100 - Veh	-0.11203	0.08328	0.27858	

Diagnostics: Checking the assumption of normal distribution of residuals

Univariate Procedure

Variable=RSTUDENT

Moments

N	30	Sum Wgts	30
Mean	-0.00121	Sum	-0.03639
Std Dev	1.063141	Variance	1.130269
Skewness	-0.09301	Kurtosis	0.492295
USS	32.77783	CSS	32.77779
CV	-87634.1	Std Mean	0.194102
T:Mean=0	-0.00625	Pr>|T|	0.9951
Num ^= 0	30	Num > 0	15
M(Sign)	0	Pr>=|M|	1.0000
Sgn Rank	-0.5	Pr>=|S|	0.9920
W:Normal	0.986306	Pr<W	0.9598

K^+ excretion

Quantiles(Def=5)

100% Max	2.212727	99%	2.212727
75% Q3	0.585613	95%	1.944335
50% Med	-0.05643	90%	1.438914
25% Q1	-0.57116	10%	-1.15524
0% Min	-2.68742	5%	-1.59896
		1%	-2.68742
Range	4.900149		
Q3-Q1	1.156771		
Mode	-2.68742		

Extremes

Lowest	Obs	Highest	Obs
-2.68742(	6)	1.091349(	2)
-1.59896(	23)	1.307062(	5)
-1.19323(	7)	1.570766(	30)
-1.11726(	11)	1.944335(	22)
-1.06562(	12)	2.212727(	9)

```
Stem Leaf                     #             Boxplot
   2 2                        1                |
   1 69                       2                |
   1 13                       2                |
   0 55678                    5             +-----+
   0 00134                    5             |     |
  -0 4432221                  7             *--+--*
  -0 96                       2             +-----+
  -1 2111                     4                |
  -1 6                        1                |
  -2
  -2 7                        1                0
     ----+----+----+----+
```

Normal Probability Plot

```
 2.25+                                                +*+++
     |                                            *+*++
     |                                        *+*++
     |                                    +****
     |                              ******
-0.25+                        *******
     |                     +**++
     |                *+*+**
     |           ++*+
     |      +++++
-2.75+++    *
      +----+----+----+----+----+----+----+----+----+----+
          -2        -1         0        +1        +2
```