```
 GET DATA
  /TYPE=XLSX
  /FILE='D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-
19_combined.xlsx'
  /SHEET=name 'UID_0-19_combined'
  /CELLRANGE=FULL
  /READNAMES=ON
  /DATATYPEMIN PERCENTAGE=95.0
  /HIDDEN IGNORE=YES.
EXECUTE.
DATASET NAME DataSet1 WINDOW=FRONT.

SAVE OUTFILE='D:\work\uni-projekte\groupwareUsability\git\results\evaluation\U
ID_0-19_combined.sav'
  /COMPRESSED.
EXAMINE VARIABLES=MTs errorTm errorR BY Task repetition targetSide
  /ID=UserId
  /PLOT BOXPLOT STEMLEAF
  /COMPARE GROUPS
  /PERCENTILES(5,10,25,50,75,90,95) HAVERAGE
  /STATISTICS DESCRIPTIVES EXTREME
  /CINTERVAL 95
  /MISSING LISTWISE
  /NOTOTAL.
```

Explore

Notes

Output Created		09-JUN-2016 10:10:18
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	8000
Missing Value Handling	Definition of Missing	User-defined missing values for dependent variables are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any dependent variable or factor used.
Syntax		EXAMINE VARIABLES=MTs errorTm errorR BY Task repetition targetSide /ID=UserId /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /PERCENTILES (5,10,25,50,75,90,95) HAVERAGE /STATISTICS DESCRIPTIVES EXTREME /CINTERVAL 95 /MISSING LISTWISE /NOTOTAL.
Resources	Processor Time	00:00:07.72
	Elapsed Time	00:00:04.29

[DataSet1] D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav

Warnings

error T [m] is constant when Task = r3-t0. It will be included in any boxplots produced but other output will be omitted.
error R is constant when Task = r0-t2. It will be included in any boxplots produced but other output will be omitted.
error R is constant when Task = r0-t3. It will be included in any boxplots produced but other output will be omitted.

Task

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	Task	N	Percent	N	Percent	N	Percent
MT [s]	r0-t2	2000	100.0%	0	0.0%	2000	100.0%
	r0-t3	2000	100.0%	0	0.0%	2000	100.0%
	r3-t0	2000	100.0%	0	0.0%	2000	100.0%
	r3-t3	2000	100.0%	0	0.0%	2000	100.0%
error T [m]	r0-t2	2000	100.0%	0	0.0%	2000	100.0%
	r0-t3	2000	100.0%	0	0.0%	2000	100.0%
	r3-t0	2000	100.0%	0	0.0%	2000	100.0%
	r3-t3	2000	100.0%	0	0.0%	2000	100.0%
error R	r0-t2	2000	100.0%	0	0.0%	2000	100.0%
	r0-t3	2000	100.0%	0	0.0%	2000	100.0%
	r3-t0	2000	100.0%	0	0.0%	2000	100.0%
	r3-t3	2000	100.0%	0	0.0%	2000	100.0%

Descriptives[a,b,c]

	Task			Statistic	Std. Error
MT [s]	r0-t2	Mean		2.0177299	.01384632
		95% Confidence Interval for Mean	Lower Bound	1.9905751	
			Upper Bound	2.0448846	
		5% Trimmed Mean		1.9977174	
		Median		1.9664536	
		Variance		.383	
		Std. Deviation		.61922622	
		Minimum		.61843	
		Maximum		6.06849	
		Range		5.45005	
		Interquartile Range		.76448	
		Skewness		.763	.055
		Kurtosis		2.223	.109
	r0-t3	Mean		2.2069505	.01680724
		95% Confidence Interval for Mean	Lower Bound	2.1739890	
			Upper Bound	2.2399120	
		5% Trimmed Mean		2.1387747	
		Median		2.0667572	
		Variance		.565	
		Std. Deviation		.75164243	
		Minimum		.98262	
		Maximum		9.36066	
		Range		8.37804	
		Interquartile Range		.83396	
		Skewness		2.072	.055
		Kurtosis		9.240	.109
	r3-t0	Mean		2.0786952	.02188256
		95% Confidence Interval for Mean	Lower Bound	2.0357802	
			Upper Bound	2.1216102	
		5% Trimmed Mean		1.9851485	
		Median		1.8166389	
		Variance		.958	
		Std. Deviation		.97861784	
		Minimum		.68250	
		Maximum		10.28485	

Descriptives[a,b,c]

	Task			Statistic	Std. Error
		Range		9.60236	
		Interquartile Range		1.08403	
		Skewness		1.888	.055
		Kurtosis		6.228	.109
	r3-t3	Mean		3.0245608	.02694873
		95% Confidence Interval for Mean	Lower Bound	2.9717103	
			Upper Bound	3.0774113	
		5% Trimmed Mean		2.9212195	
		Median		2.7502575	
		Variance		1.452	
		Std. Deviation		1.20518397	
		Minimum		1.01804	
		Maximum		11.97281	
		Range		10.95477	
		Interquartile Range		1.40082	
		Skewness		1.567	.055
		Kurtosis		4.185	.109
error T [m]	r0-t2	Mean		.0023578	.00006940
		95% Confidence Interval for Mean	Lower Bound	.0022216	
			Upper Bound	.0024939	
		5% Trimmed Mean		.0020026	
		Median		.0017035	
		Variance		.000	
		Std. Deviation		.00310385	
		Minimum		.00002	
		Maximum		.09095	
		Range		.09093	
		Interquartile Range		.00190	
		Skewness		13.681	.055
		Kurtosis		344.636	.109
	r0-t3	Mean		.0037653	.00005113
		95% Confidence Interval for Mean	Lower Bound	.0036650	
			Upper Bound	.0038655	
		5% Trimmed Mean		.0035737	
		Median		.0032543	

Descriptives[a,b,c]

	Task			Statistic	Std. Error
		Variance		.000	
		Std. Deviation		.00228647	
		Minimum		.00037	
		Maximum		.01982	
		Range		.01945	
		Interquartile Range		.00266	
		Skewness		1.571	.055
		Kurtosis		4.388	.109
	r3-t3	Mean		.0038404	.00005035
		95% Confidence Interval for Mean	Lower Bound	.0037417	
			Upper Bound	.0039391	
		5% Trimmed Mean		.0036731	
		Median		.0034187	
		Variance		.000	
		Std. Deviation		.00225158	
		Minimum		.00012	
		Maximum		.01925	
		Range		.01912	
		Interquartile Range		.00287	
		Skewness		1.382	.055
		Kurtosis		3.622	.109
error R	r3-t0	Mean		3.0937298	.05784141
		95% Confidence Interval for Mean	Lower Bound	2.9802940	
			Upper Bound	3.2071655	
		5% Trimmed Mean		2.7856521	
		Median		2.2643110	
		Variance		6.691	
		Std. Deviation		2.58674660	
		Minimum		.18885	
		Maximum		27.45656	
		Range		27.26772	
		Interquartile Range		2.41937	
		Skewness		2.610	.055
		Kurtosis		11.540	.109
	r3-t3	Mean		2.7375387	.04316841

Descriptives[a,b,c]

Task			Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	2.6528789	
		Upper Bound	2.8221985	
	5% Trimmed Mean		2.5382464	
	Median		2.2339294	
	Variance		3.727	
	Std. Deviation		1.93054985	
	Minimum		.24771	
	Maximum		14.61537	
	Range		14.36766	
	Interquartile Range		2.04378	
	Skewness		1.986	.055
	Kurtosis		6.014	.109

a. error T [m] is constant when Task = r3-t0. It has been omitted.

b. error R is constant when Task = r0-t2. It has been omitted.

c. error R is constant when Task = r0-t3. It has been omitted.

Percentiles[a,b,c]

			Percentiles			
		Task	5	10	25	50
Weighted Average (Definition 1)	MT [s]	r0-t2	1.1164047	1.2995773	1.5994244	1.9664536
		r0-t3	1.3496727	1.4662704	1.6996889	2.0667572
		r3-t0	1.0327911	1.1495071	1.3996582	1.8166389
		r3-t3	1.6160759	1.7831284	2.1832285	2.7502575
	error T [m]	r0-t2	.0003873	.0005677	.0009568	.0017035
		r0-t3	.0010590	.0014069	.0021709	.0032543
		r3-t3	.0010316	.0013908	.0022268	.0034187
	error R	r3-t0	.7775607	1.0029224	1.4499868	2.2643110
		r3-t3	.7055270	.9433591	1.4256178	2.2339294
Tukey's Hinges	MT [s]	r0-t2			1.5994453	1.9664536
		r0-t3			1.6997051	2.0667572
		r3-t0			1.3996582	1.8166389
		r3-t3			2.1832371	2.7502575

Percentiles[a,b,c]

			Percentiles		
		Task	75	90	95
Weighted Average (Definition 1)	MT [s]	r0-t2	2.3639050	2.8169975	3.0845718
		r0-t3	2.5336456	3.0826691	3.5848129
		r3-t0	2.4836845	3.3313873	3.9999702
		r3-t3	3.5840454	4.5685318	5.3018080
	error T [m]	r0-t2	.0028585	.0044462	.0060752
		r0-t3	.0048292	.0066978	.0081260
		r3-t3	.0050992	.0067002	.0078941
	error R	r3-t0	3.8693555	6.2207485	8.4517186
		r3-t3	3.4693987	5.2099510	6.4449678
Tukey's Hinges	MT [s]	r0-t2	2.3613853		
		r0-t3	2.5336456		
		r3-t0	2.4836807		
		r3-t3	3.5840149		

Percentiles[a,b,c]

			Percentiles			
		Task	5	10	25	50
	error T [m]	r0-t2			.0009572	.0017035
		r0-t3			.0021725	.0032543
		r3-t3			.0022268	.0034187
	error R	r3-t0			1.4504730	2.2643110
		r3-t3			1.4263541	2.2339294

Percentiles[a,b,c]

			Percentiles		
		Task	75	90	95
	error T [m]	r0-t2	.0028584		
		r0-t3	.0048280		
		r3-t3	.0050990		
	error R	r3-t0	3.8683818		
		r3-t3	3.4692482		

a. error T [m] is constant when Task = r3-t0. It has been omitted.

b. error R is constant when Task = r0-t2. It has been omitted.

c. error R is constant when Task = r0-t3. It has been omitted.

Extreme Values[a,b,c]

	Task			Case Number	User Id	Value
MT [s]	r0-t2	Highest	1	4613	16	6.06849
			2	5498	7	5.37411
			3	4912	19	5.12625
			4	4953	19	4.99730
			5	4601	16	4.98597
		Lowest	1	5260	5	.61843
			2	5273	5	.63255
			3	5272	5	.63260
			4	5296	5	.63266
			5	5274	5	.63275
	r0-t3	Highest	1	3580	7	9.36066
			2	2701	16	7.87039
			3	3579	7	7.43832
			4	3514	7	6.34015
			5	3578	7	6.18530
		Lowest	1	3400	5	.98262
			2	3398	5	.98297
			3	3397	5	1.01631
			4	3392	5	1.03294
			5	3386	5	1.03296
	r3-t0	Highest	1	1185	19	10.28485
			2	1205	3	8.44111
			3	1211	3	7.80249
			4	1266	3	7.57126
			5	1212	3	7.09454
		Lowest	1	1496	5	.68250
			2	1486	5	.69920
			3	1438	5	.69930
			4	1439	5	.71600
			5	1437	5	.73270
	r3-t3	Highest	1	6944	3	11.97281
			2	7340	7	9.44131
			3	6926	3	9.35745
			4	6952	3	9.08701
			5	6909	3	8.91737

Extreme Values[a,b,c]

Task				Case Number	User Id	Value
		Lowest	1	6590	16	1.01804
			2	7065	4	1.11603
			3	7176	5	1.18265
			4	7179	5	1.19965
			5	7066	4	1.19968
error T [m]	r0-t2	Highest	1	4645	16	.09095
			2	5253	5	.03853
			3	5277	5	.02089
			4	5299	5	.02023
			5	5285	5	.01998
		Lowest	1	5430	7	.00002
			2	4662	16	.00005
			3	5521	8	.00005
			4	4961	19	.00007
			5	5646	9	.00007
	r0-t3	Highest	1	3340	5	.01982
			2	2265	11	.01884
			3	3026	19	.01744
			4	2628	15	.01632
			5	3379	5	.01405
		Lowest	1	7787	0	.00037
			2	3515	7	.00037
			3	2540	14	.00045
			4	2420	13	.00049
			5	2841	17	.00050
	r3-t3	Highest	1	6590	16	.01925
			2	7014	4	.01741
			3	7191	5	.01560
			4	7165	5	.01543
			5	7121	5	.01507
		Lowest	1	6327	14	.00012
			2	6671	17	.00016
			3	5956	10	.00021
			4	6525	16	.00034
			5	6736	18	.00038

Extreme Values[a,b,c]

	Task			Case Number	User Id	Value
error R	r3-t0	Highest	1	1341	4	27.45656
			2	1369	4	24.92997
			3	1353	4	21.56995
			4	7626	0	20.92437
			5	1389	4	15.82274
		Lowest	1	693	14	.18885
			2	7650	0	.19335
			3	1844	9	.23088
			4	673	14	.25215
			5	1040	18	.25678
	r3-t3	Highest	1	7099	4	14.61537
			2	6897	19	14.40135
			3	6590	16	14.13532
			4	7097	4	13.98604
			5	6866	19	13.66738
		Lowest	1	7558	9	.24771
			2	6602	17	.25395
			3	6384	14	.25730
			4	6575	16	.26805
			5	6761	18	.26815

a. error T [m] is constant when Task = r3-t0. It has been omitted.

b. error R is constant when Task = r0-t2. It has been omitted.

c. error R is constant when Task = r0-t3. It has been omitted.

MT [s]

Stem-and-Leaf Plots

```
 MT [s] Stem-and-Leaf Plot for
Task= r0-t2

 Frequency    Stem &  Leaf

    12.00        6 .  33688&
    26.00        7 .  133346888999&
    19.00        8 .  1113489&
```

```
    12.00        9 .  3489&&
    27.00       10 .  111348888999&
    48.00       11 .  11333333344444666889999&
    58.00       12 .  111111133334444566666888999&
    75.00       13 .  1111133334444444556666666888888888999&
   117.00       14 .  011111111113333333344444444666666666666668888889999999999
&
   122.00       15 .  000001111113333333333344444455566666667888888888899999999
99
   110.00       16 .  01111111111333333344444455566666667888888888888999999&
   139.00       17 .  00111111111111223333334444444455555666666667778888888888
8999999999
   136.00       18 .  00111111112333333333334444444555566666666667788888888888
9999999999
   142.00       19 .  00000111111111111113333333333344444455555555566666666688
888888889999&
   136.00       20 .  00011111111111233333333333333444455555556666666677888888
8888888899
   119.00       21 .  00000001111111122333333334445555556666666677888888888999
   132.00       22 .  00000000011111111133333333344455555555556666666666667888
888888899&
   105.00       23 .  000000001111111233333333445555555666667788888888889
    71.00       24 .  000000111123333345555566688888999
    73.00       25 .  000001111111333333335555666678899
    59.00       26 .  00001111333555555566666778899
    57.00       27 .  0000111111333334555556666889
    44.00       28 .  00111112333555566668&
    33.00       29 .  000111333556788&
    29.00       30 .  00011335666688&
    26.00       31 .  0113566788&
    21.00       32 .  01356889&
    14.00       33 .  01136&
     9.00       34 .  8&&&
    29.00 Extremes    (>=3.57)

 Stem width:   .10000
 Each leaf:        2 case(s)


 & denotes fractional leaves.
```

```
 MT [s] Stem-and-Leaf Plot for
Task= r0-t3

 Frequency    Stem &  Leaf

     2.00        9 .  8
    10.00       10 .  389&
    21.00       11 .  66688899&&
    35.00       12 .  113333346688999&
    78.00       13 .  111233333344444444566666888888999999
   101.00       14 .  011112333333334444444566667888888888999999999999
   131.00       15 .  00111111123333333333444444444456666666666668888888999999
9999999
   139.00       16 .  001111111111133333333333344444444455666666666888888888
899999999999&
   150.00       17 .  0011111111111112233333333333444444444555556666666666788
88888888899999999
   133.00       18 .  000011111111333333333444444445555566666666666788888888
999999999
   121.00       19 .  0000011111111233333333344444455566666666667888888888899
99
   114.00       20 .  00111111111223333333333444445555666666668888888888899&
   134.00       21 .  000000001111111112233333333444455555555666666666666667
888888999
   100.00       22 .  00000111111111333333344555566666666788888888899
   108.00       23 .  000000111111233333333333445555555556666666788888889
    87.00       24 .  00001111112333334455555555556666688888888999
    78.00       25 .  000000111123333333334455556666678888&
    75.00       26 .  00001112233333345555556666666888889&
    65.00       27 .  0000011123333355566666666888&
    52.00       28 .  0000111233333555566678 9
    44.00       29 .  000011123335556668&
    29.00       30 .  00113566889&
    29.00       31 .  001135566888&
    26.00       32 .  001356668&
    13.00       33 .  0588&
    15.00       34 .  01136&
    11.00       35 .  0158&
    13.00       36 .  02668&
    11.00       37 .  116&&
    75.00 Extremes    (>=3.80)
```

```
 Stem width:   .10000
 Each leaf:        2 case(s)



 & denotes fractional leaves.

 MT [s] Stem-and-Leaf Plot for
Task= r3-t0

 Frequency    Stem &  Leaf

    16.00        0 .  67777
    65.00        0 .  888888999999999999999
   180.00        1 .  000000000000000000000000000011111111111111111111111111111
1111
   249.00        1 .  222222222222222222222222222222222222223333333333333333
333333333333333333333333333
   232.00        1 .  444444444444444444444444444444444444444555555555555555
555555555555555555555
   246.00        1 .  666666666666666666666666666666666666677777777777777777
777777777777777777777777
   182.00        1 .  888888888888888888888888888888899999999999999999999999
9999
   155.00        2 .  00000000000000000000000000001111111111111111111
   120.00        2 .  22222222222222222222333333333333333333
   106.00        2 .  44444444444444444444555555555555555
    86.00        2 .  66666666666667777777777777777
    82.00        2 .  88888888888999999999999999
    43.00        3 .  00000001111111
    53.00        3 .  222222222333333333
    28.00        3 .  444455555
    30.00        3 .  6666667777
    27.00        3 .  888889999
    13.00        4 .  00001
    87.00 Extremes    (>=4.2)

 Stem width:  1.00000
 Each leaf:        3 case(s)
```

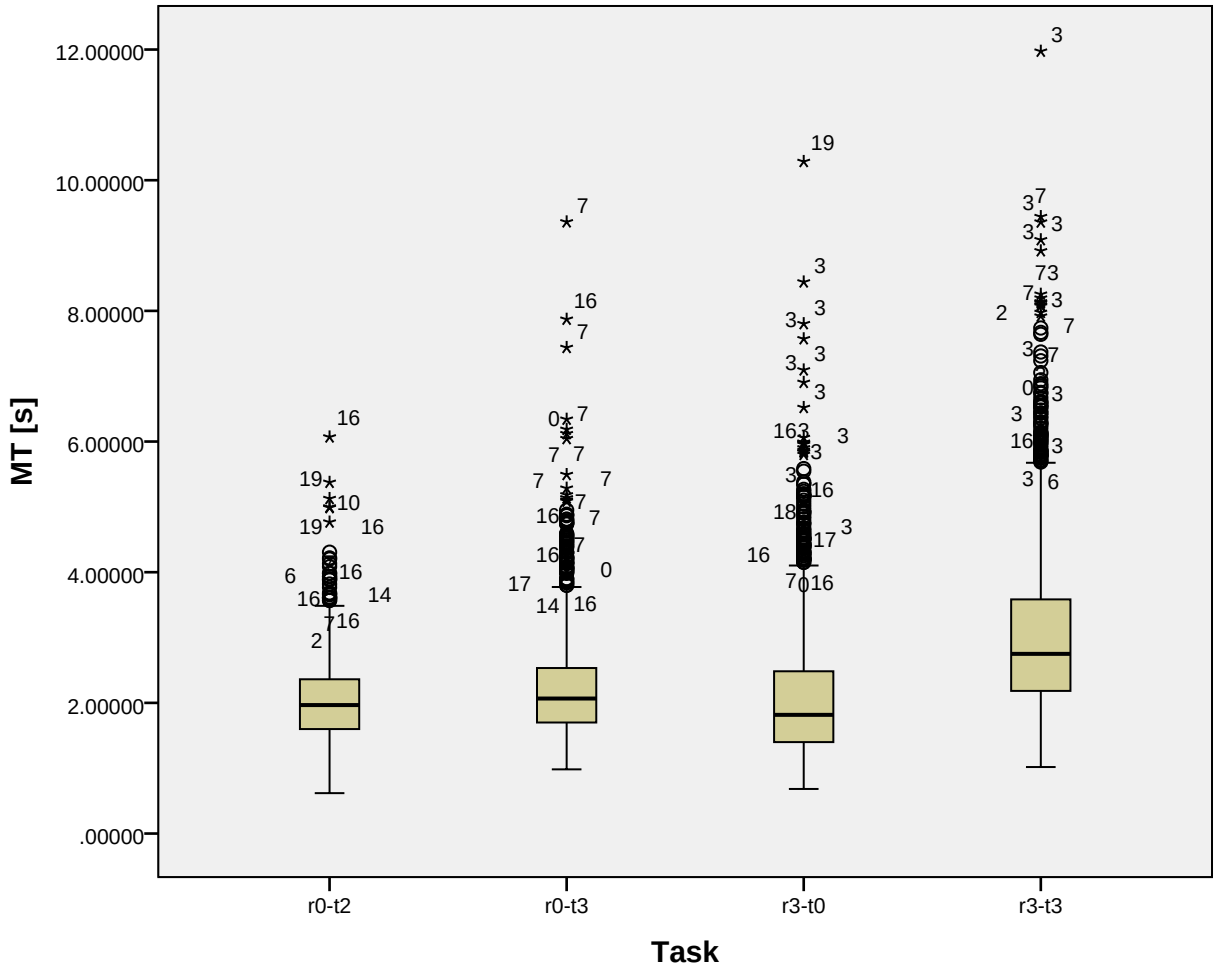
```
 MT [s] Stem-and-Leaf Plot for
Task= r3-t3

 Frequency    Stem &  Leaf

     5.00        1 .  11&
    17.00        1 .  22333333
    75.00        1 .  444444444444555555555555555555555
   122.00        1 .  666666666666666666666666666667777777777777777777777777777
77777
   151.00        1 .  888888888888888888888888899999999999999999999999999999
9999999999999999999
   143.00        2 .  000000000000000000000000000000000000000011111111111111
111111111111111
   177.00        2 .  222222222222222222222222222222222222222233333333333333
333333333333333333333333333333333
   177.00        2 .  444444444444444444444444444444444444444444555555555555
555555555555555555555555555555555
   175.00        2 .  666666666666666666666666666666666666666666667777777777
777777777777777777777777777777777
   129.00        2 .  888888888888888888888888888888888888899999999999999999999
99999999
   125.00        3 .  000000000000000000000000000011111111111111111111111111
111111
   104.00        3 .  222222222222222222222233333333333333333333333333333333
   105.00        3 .  444444444444444444444444444455555555555555555555555555
    75.00        3 .  666666666666666666666677777777777777777
    78.00        3 .  888888888888888888889999999999999999999
    54.00        4 .  000000000000000111111111111
    54.00        4 .  222222222222222222333333333
    38.00        4 .  444444444444555555
    25.00        4 .  666666667777
    35.00        4 .  88888888889999999
    27.00        5 .  0000001111111
    12.00        5 .  22223
    18.00        5 .  444445555
     3.00        5 .  6
    76.00 Extremes    (>=5.7)

 Stem width:  1.00000
 Each leaf:        2 case(s)
```

& denotes fractional leaves.



error T [m]

Stem-and-Leaf Plots

error T [m] Stem-and-Leaf Plot for
Task= r0-t2

Frequency	Stem &	Leaf
31.00	0 .	000011111111111
75.00	0 .	222222222222222222333333333333333333
116.00	0 .	44444444444444444444444444455555555555555555555555555555

5

```
   147.00        0 .  66666666666666666666666666666677777777777777777777777
77777777777777777
   161.00        0 .  88888888888888888888888888888888888888999999999999999
99999999999999999999999
   149.00        1 .  00000000000000000000000000000000011111111111111111111
111111111111111111
   126.00        1 .  22222222222222222222222222222333333333333333333333333
3333333
   133.00        1 .  44444444444444444444444444444445555555555555555555555
5555555555
   126.00        1 .  66666666666666666666666666666777777777777777777777777
7777777
   100.00        1 .  88888888888888888888888888899999999999999999999999
   106.00        2 .  00000000000000000000000011111111111111111111111111111
    84.00        2 .  22222222222222222223333333333333333333
    67.00        2 .  44444444444444455555555555555555555
    58.00        2 .  66666666666677777777777777777
    67.00        2 .  88888888888888888899999999999999
    47.00        3 .  000000000011111111111
    33.00        3 .  2222222233333333
    56.00        3 .  44444444444455555555555555
    39.00        3 .  6666666666667777777
    27.00        3 .  8888888999999
    31.00        4 .  000000000111111
    15.00        4 .  2222233
    18.00        4 .  444444555
    15.00        4 .  6667777
    19.00        4 .  888888999
    16.00        5 .  00000111
     9.00        5 .  2222&
    11.00        5 .  44555
     7.00        5 .  666
   111.00 Extremes    (>=.0057)

 Stem width:    .00100
 Each leaf:        2 case(s)



 & denotes fractional leaves.

 error T [m] Stem-and-Leaf Plot for
```

Task= r0-t3

```
 Frequency    Stem &  Leaf

     4.00        0 .  34
    80.00        0 .  555556666777888888889999999
   152.00        1 .  000000000111111112222222222223333333333444444444444
   188.00        1 .  555555555555666666666666777777777777788888888889999999999999
   241.00        2 .  000000000001111111111111111122222222222222333333333333333333444444444444444444444444
   216.00        2 .  555555555555555556666666666666667777777777777777788888888888888999999999999
   226.00        3 .  000000000000000011111111111111222222222222222223333333333333333444444444
   166.00        3 .  555555555555666666666666777777777778888888888999999999
   150.00        4 .  000000011111111112222222222222233333333334444444444
   112.00        4 .  555555566666666777777888888888899999
    85.00        5 .  00000111111222233333334444444
    85.00        5 .  55555556666667777777888889999
    74.00        6 .  000001111122222333444444
    49.00        6 .  555666677888999
    41.00        7 .  00111122233444
    26.00        7 .  55667889
    19.00        8 .  012334
    15.00        8 .  56667&
    71.00 Extremes    (>=.0089)

 Stem width:    .00100
 Each leaf:        3 case(s)



 & denotes fractional leaves.
```

error T [m] Stem-and-Leaf Plot for
Task= r3-t3

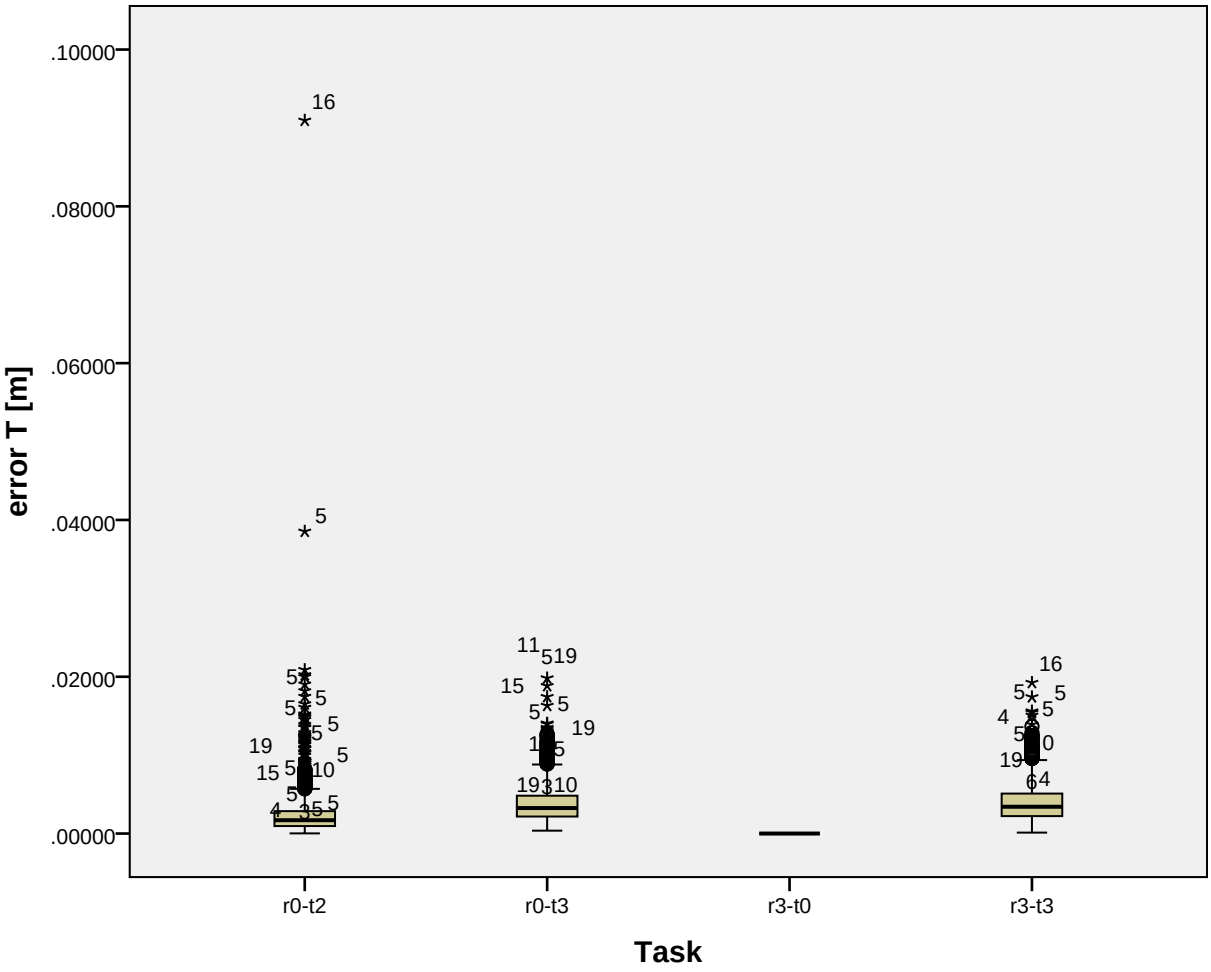
```
 Frequency    Stem &  Leaf

    12.00        0 .  1344&
    83.00        0 .  55566667777777888888999999999
```

```
   136.00        1 .  00000001111111112222222222333333333344444444
   174.00        1 .  55555555555666666666666777777777778888888888999999999999
99
   211.00        2 .  00000000000001111111111111112222222222222222233333333333
333444444444444
   213.00        2 .  55555555555556666666666666667777777777777777888888888888
8888999999999999
   208.00        3 .  00000000000000001111111111111122222222222233333333333334
4444444444444
   174.00        3 .  55555555555566666666677777777777778888888888999999999999
999
   153.00        4 .  00000000000000111111111111112222223333333444444444
   116.00        4 .  55555566666666777777788888888888999999
   115.00        5 .  00000001111222222222333333344444444444
   117.00        5 .  55555556666666677777888888888999999999
    63.00        6 .  000000111222223333344
    60.00        6 .  55566666777778888999
    44.00        7 .  000011112233344
    29.00        7 .  566678899
    20.00        8 .  0013344&
    24.00        8 .  55667889
     3.00        9 .  &
    45.00 Extremes    (>=.0096)

 Stem width:    .00100
 Each leaf:        3 case(s)


 & denotes fractional leaves.
```



error R

Stem-and-Leaf Plots

```
 error R Stem-and-Leaf Plot for
Task= r3-t0

 Frequency    Stem &  Leaf

    37.00        0 .  223334444&
   160.00        0 .  5556666666777777788888888888999999999
   327.00        1 .  000000000000000011111111111111111112222222222222233333333333333333344444444444444
   312.00        1 .  555555555555555556666666666666666666677777777777777888888888888899999999999
```

```
   274.00        2 .  00000000000000001111111111111111222222222222333333333333
344444444444
   184.00        2 .  55555555556666666667777777788888889999999999
   128.00        3 .  00000001111112222222223333334444
   103.00        3 .  55555566667777777888899999
    89.00        4 .  000011111122223344444
    66.00        4 .  5556667777888999
    67.00        5 .  0000111222334444
    43.00        5 .  5667778899
    22.00        6 .  01223&
    33.00        6 .  55677889
    27.00        7 .  0112334
   128.00 Extremes    (>=7.6)

 Stem width:   1.00000
 Each leaf:        4 case(s)



 & denotes fractional leaves.

 error R Stem-and-Leaf Plot for
Task= r3-t3

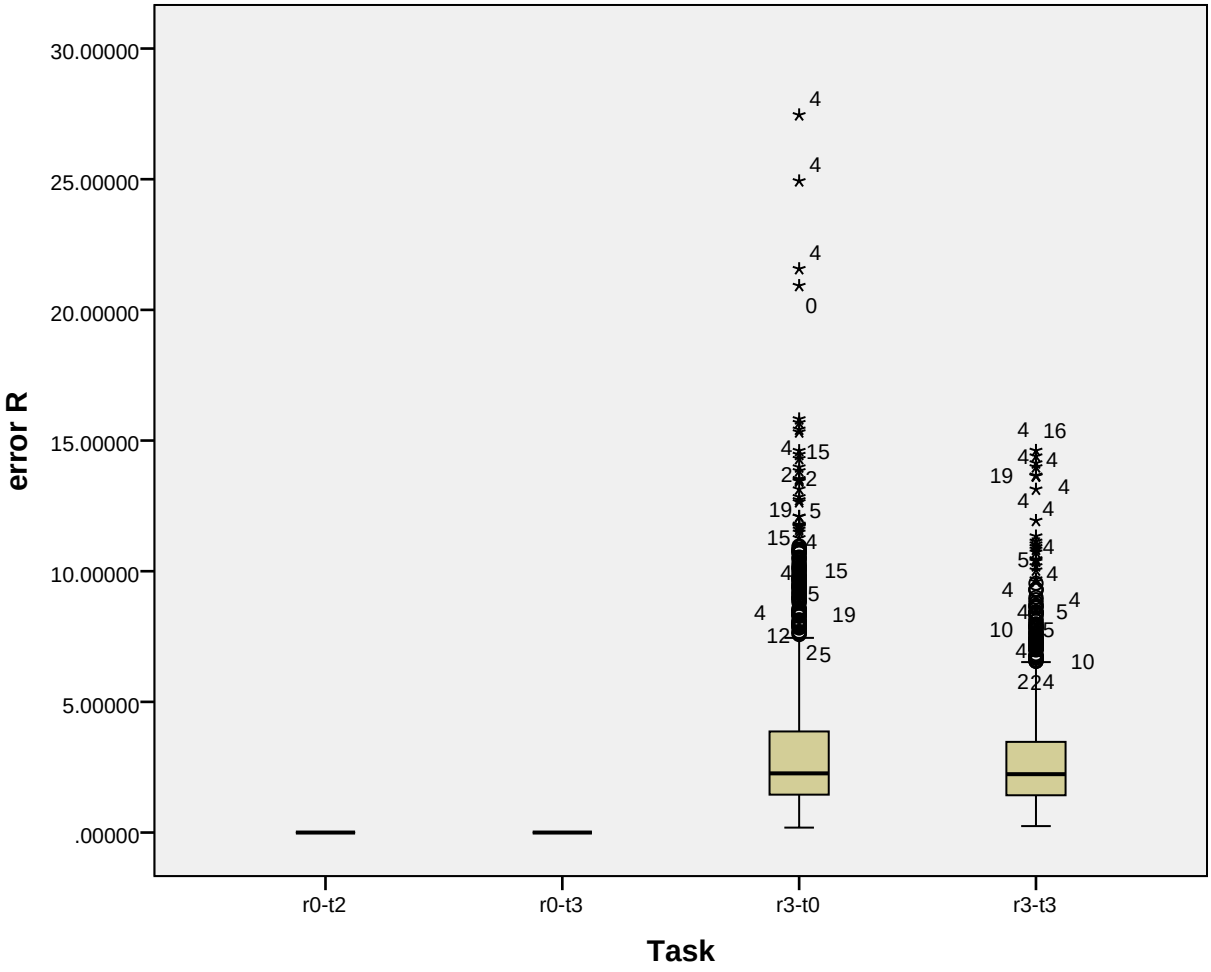
 Frequency    Stem &  Leaf

    34.00        0 .  22334444
   197.00        0 .  55555555666666667777777788888888889999999999999999
   310.00        1 .  00000000000000000111111111111111222222222222222233333333
333333334444444444444
   310.00        1 .  55555555555555556666666666666666777777777777777888888888
888888999999999999999
   290.00        2 .  00000000000011111111111111111111222222222222233333333333
3333444444444444
   208.00        2 .  55555555556666666666677777777777888888888899999999
   163.00        3 .  00000000011111112222222333333334444444444
   123.00        3 .  55555566666677777888888899999
    83.00        4 .  0000001112222333444
    58.00        4 .  55566667778899
    50.00        5 .  000111223444
    51.00        5 .  555667788999
    25.00        6 .  01122&
```

```
    2.00        6 .  &
   96.00 Extremes    (>=6.6)

Stem width:   1.00000
Each leaf:        4 case(s)


& denotes fractional leaves.
```



repetition

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	repetition	N	Percent	N	Percent	N	Percent
MT [s]	0	1600	100.0%	0	0.0%	1600	100.0%
	1	1600	100.0%	0	0.0%	1600	100.0%
	2	1600	100.0%	0	0.0%	1600	100.0%
	3	1600	100.0%	0	0.0%	1600	100.0%
	4	1600	100.0%	0	0.0%	1600	100.0%
error T [m]	0	1600	100.0%	0	0.0%	1600	100.0%
	1	1600	100.0%	0	0.0%	1600	100.0%
	2	1600	100.0%	0	0.0%	1600	100.0%
	3	1600	100.0%	0	0.0%	1600	100.0%
	4	1600	100.0%	0	0.0%	1600	100.0%
error R	0	1600	100.0%	0	0.0%	1600	100.0%
	1	1600	100.0%	0	0.0%	1600	100.0%
	2	1600	100.0%	0	0.0%	1600	100.0%
	3	1600	100.0%	0	0.0%	1600	100.0%
	4	1600	100.0%	0	0.0%	1600	100.0%

Descriptives

	repetition			Statistic	Std. Error
MT [s]	0	Mean		2.5680057	.02852370
		95% Confidence Interval for Mean	Lower Bound	2.5120580	
			Upper Bound	2.6239535	
		5% Trimmed Mean		2.4560680	
		Median		2.2670994	
		Variance		1.302	
		Std. Deviation		1.14094803	
		Minimum		.93259	
		Maximum		8.91737	
		Range		7.98478	
		Interquartile Range		1.18480	
		Skewness		1.743	.061
		Kurtosis		4.062	.122
	1	Mean		2.3596537	.02525591
		95% Confidence Interval for Mean	Lower Bound	2.3101155	
			Upper Bound	2.4091918	
		5% Trimmed Mean		2.2731526	
		Median		2.1501160	
		Variance		1.021	
		Std. Deviation		1.01023625	
		Minimum		.69930	
		Maximum		9.44131	
		Range		8.74201	
		Interquartile Range		1.12794	
		Skewness		1.759	.061
		Kurtosis		5.548	.122
	2	Mean		2.2925944	.02524486
		95% Confidence Interval for Mean	Lower Bound	2.2430779	
			Upper Bound	2.3421109	
		5% Trimmed Mean		2.1990633	
		Median		2.0667725	
		Variance		1.020	
		Std. Deviation		1.00979441	
		Minimum		.61843	
		Maximum		11.97281	

Descriptives

	repetition			Statistic	Std. Error
		Range		11.35438	
		Interquartile Range		1.01778	
		Skewness		2.300	.061
		Kurtosis		10.687	.122
	3	Mean		2.2584383	.02316852
		95% Confidence Interval for Mean	Lower Bound	2.2129944	
			Upper Bound	2.3038822	
		5% Trimmed Mean		2.1842745	
		Median		2.0834427	
		Variance		.859	
		Std. Deviation		.92674076	
		Minimum		.63255	
		Maximum		9.36066	
		Range		8.72810	
		Interquartile Range		1.05075	
		Skewness		1.637	.061
		Kurtosis		5.187	.122
	4	Mean		2.1812283	.02143191
		95% Confidence Interval for Mean	Lower Bound	2.1391907	
			Upper Bound	2.2232659	
		5% Trimmed Mean		2.1169160	
		Median		2.0334930	
		Variance		.735	
		Std. Deviation		.85727635	
		Minimum		.63266	
		Maximum		10.28485	
		Range		9.65219	
		Interquartile Range		.98349	
		Skewness		1.629	.061
		Kurtosis		6.639	.122
error T [m]	0	Mean		.0025535	.00006258
		95% Confidence Interval for Mean	Lower Bound	.0024307	
			Upper Bound	.0026763	
		5% Trimmed Mean		.0023205	
		Median		.0021492	

Descriptives

repetition			Statistic	Std. Error
	Variance		.000	
	Std. Deviation		.00250336	
	Minimum		.00000	
	Maximum		.01818	
	Range		.01818	
	Interquartile Range		.00387	
	Skewness		1.434	.061
	Kurtosis		3.537	.122
1	Mean		.0025026	.00006397
	95% Confidence Interval for Mean	Lower Bound	.0023771	
		Upper Bound	.0026281	
	5% Trimmed Mean		.0022502	
	Median		.0019516	
	Variance		.000	
	Std. Deviation		.00255864	
	Minimum		.00000	
	Maximum		.01982	
	Range		.01982	
	Interquartile Range		.00385	
	Skewness		1.589	.061
	Kurtosis		4.206	.122
2	Mean		.0024800	.00008438
	95% Confidence Interval for Mean	Lower Bound	.0023145	
		Upper Bound	.0026455	
	5% Trimmed Mean		.0021853	
	Median		.0018890	
	Variance		.000	
	Std. Deviation		.00337513	
	Minimum		.00000	
	Maximum		.09095	
	Range		.09095	
	Interquartile Range		.00363	
	Skewness		12.457	.061
	Kurtosis		302.786	.122
3	Mean		.0024666	.00006351

Descriptives

	repetition			Statistic	Std. Error
		95% Confidence Interval for Mean	Lower Bound	.0023420	
			Upper Bound	.0025912	
		5% Trimmed Mean		.0022058	
		Median		.0019691	
		Variance		.000	
		Std. Deviation		.00254054	
		Minimum		.00000	
		Maximum		.02089	
		Range		.02089	
		Interquartile Range		.00362	
		Skewness		1.800	.061
		Kurtosis		5.912	.122
	4	Mean		.0024516	.00006297
		95% Confidence Interval for Mean	Lower Bound	.0023281	
			Upper Bound	.0025751	
		5% Trimmed Mean		.0021908	
		Median		.0020596	
		Variance		.000	
		Std. Deviation		.00251868	
		Minimum		.00000	
		Maximum		.02023	
		Range		.02023	
		Interquartile Range		.00364	
		Skewness		1.852	.061
		Kurtosis		6.415	.122
error R	0	Mean		1.4244435	.05078392
		95% Confidence Interval for Mean	Lower Bound	1.3248334	
			Upper Bound	1.5240535	
		5% Trimmed Mean		1.1650975	
		Median		.1269774	
		Variance		4.126	
		Std. Deviation		2.03135694	
		Minimum		.00000	
		Maximum		13.83550	
		Range		13.83550	

Descriptives

repetition			Statistic	Std. Error
	Interquartile Range		2.23524	
	Skewness		2.040	.061
	Kurtosis		5.574	.122
1	Mean		1.4165096	.05217396
	95% Confidence Interval for Mean	Lower Bound	1.3141731	
		Upper Bound	1.5188462	
	5% Trimmed Mean		1.1377020	
	Median		.1283920	
	Variance		4.355	
	Std. Deviation		2.08695850	
	Minimum		.00000	
	Maximum		20.92437	
	Range		20.92437	
	Interquartile Range		2.20038	
	Skewness		2.364	.061
	Kurtosis		9.091	.122
2	Mean		1.4342982	.05471012
	95% Confidence Interval for Mean	Lower Bound	1.3269871	
		Upper Bound	1.5416093	
	5% Trimmed Mean		1.1429431	
	Median		.0966749	
	Variance		4.789	
	Std. Deviation		2.18840468	
	Minimum		.00000	
	Maximum		27.45656	
	Range		27.45656	
	Interquartile Range		2.19542	
	Skewness		3.156	.061
	Kurtosis		20.292	.122
3	Mean		1.4851021	.05607462
	95% Confidence Interval for Mean	Lower Bound	1.3751146	
		Upper Bound	1.5950896	
	5% Trimmed Mean		1.1764721	
	Median		.1260751	
	Variance		5.031	

Descriptives

repetition			Statistic	Std. Error
	Std. Deviation		2.24298464	
	Minimum		.00000	
	Maximum		24.92997	
	Range		24.92997	
	Interquartile Range		2.26261	
	Skewness		2.625	.061
	Kurtosis		11.982	.122
4	Mean		1.5287322	.05823213
	95% Confidence Interval for Mean	Lower Bound	1.4145129	
		Upper Bound	1.6429515	
	5% Trimmed Mean		1.1989054	
	Median		.0944230	
	Variance		5.426	
	Std. Deviation		2.32928515	
	Minimum		.00000	
	Maximum		15.82274	
	Range		15.82274	
	Interquartile Range		2.30443	
	Skewness		2.544	.061
	Kurtosis		8.722	.122

Percentiles

			Percentiles		
		repetition	5	10	25
Weighted Average (Definition 1)	MT [s]	0	1.3328781	1.4996099	1.7998676
		1	1.1737728	1.3496788	1.6668320
		2	1.1660507	1.3496872	1.6660500
		3	1.1829155	1.3328156	1.6163521
		4	1.0994568	1.2684448	1.5834503
	error T [m]	0	.0000000	.0000000	.0000204
		1	.0000000	.0000000	.0000051
		2	.0000000	.0000000	.0000187
		3	.0000000	.0000000	.0000116
		4	.0000000	.0000000	.0000258
	error R	0	.0000000	.0000000	.0000000
		1	.0000000	.0000000	.0000000
		2	.0000000	.0000000	.0000000
		3	.0000000	.0000000	.0000000
		4	.0000000	.0000000	.0000000
Tukey's Hinges	MT [s]	0			1.7998695
		1			1.6670380
		2			1.6660843
		3			1.6163712
		4			1.5836639
	error T [m]	0			.0000409
		1			.0000103
		2			.0000375
		3			.0000232
		4			.0000517
	error R	0			.0000000
		1			.0000000
		2			.0000000
		3			.0000000
		4			.0000000

Percentiles

			Percentiles		
		repetition	50	75	90
Weighted Average (Definition 1)	MT [s]	0	2.2670994	2.9846725	4.0994377
		1	2.1501160	2.7947731	3.6486923
		2	2.0667725	2.6838341	3.4515717
		3	2.0834427	2.6671028	3.4322388
		4	2.0334930	2.5669403	3.2508636
	error T [m]	0	.0021492	.0038924	.0057902
		1	.0019516	.0038528	.0059019
		2	.0018890	.0036495	.0057325
		3	.0019691	.0036308	.0057142
		4	.0020596	.0036655	.0055536
	error R	0	.1269774	2.2352395	4.1083581
		1	.1283920	2.2003761	4.0313205
		2	.0966749	2.1954168	3.9964545
		3	.1260751	2.2626129	4.2977716
		4	.0944230	2.3044254	4.2061524
Tukey's Hinges	MT [s]	0	2.2670994	2.9843445	
		1	2.1501160	2.7931442	
		2	2.0667725	2.6838303	
		3	2.0834427	2.6670761	
		4	2.0334930	2.5669250	
	error T [m]	0	.0021492	.0038902	
		1	.0019516	.0038498	
		2	.0018890	.0036490	
		3	.0019691	.0036305	
		4	.0020596	.0036616	
	error R	0	.1269774	2.2352321	
		1	.1283920	2.1968039	
		2	.0966749	2.1941768	
		3	.1260751	2.2624359	
		4	.0944230	2.3029999	

Percentiles

		repetition	Percentiles 95
Weighted Average (Definition 1)	MT [s]	0	4.8916473
		1	4.2336929
		2	4.1774170
		3	3.9993301
		4	3.8183746
	error T [m]	0	.0070162
		1	.0072166
		2	.0070118
		3	.0067791
		4	.0069229
	error R	0	5.6070509
		1	5.7351155
		2	5.5973501
		3	5.6754143
		4	5.7215308
Tukey's Hinges	MT [s]	0	
		1	
		2	
		3	
		4	
	error T [m]	0	
		1	
		2	
		3	
		4	
	error R	0	
		1	
		2	
		3	
		4	

Extreme Values

	repetition			Case Number	User Id	Value
MT [s]	0	Highest	1	6909	3	8.91737
			2	1205	3	8.44111
			3	7302	7	8.13627
			4	6904	3	8.12007
			5	6917	3	8.08997
		Lowest	1	116	2	.93259
			2	1416	5	.93268
			3	114	2	.93271
			4	118	2	.96603
			5	104	2	.96607
	1	Highest	1	7340	7	9.44131
			2	6926	3	9.35745
			3	7333	7	8.19371
			4	6922	3	7.37036
			5	7338	7	7.05540
		Lowest	1	1438	5	.69930
			2	1439	5	.71600
			3	5240	5	.73251
			4	1437	5	.73270
			5	1436	5	.74929
	2	Highest	1	6944	3	11.97281
			2	6952	3	9.08701
			3	7359	7	8.25336
			4	7351	7	8.07184
			5	7347	7	7.97427
		Lowest	1	5260	5	.61843
			2	5252	5	.68254
			3	5253	5	.68260
			4	5259	5	.69917
			5	5255	5	.71584
	3	Highest	1	3580	7	9.36066
			2	1266	3	7.57126
			3	3579	7	7.43832
			4	6977	3	6.88531
			5	6962	3	6.85202

Extreme Values

	repetition			Case Number	User Id	Value
		Lowest	1	5273	5	.63255
			2	5272	5	.63260
			3	5274	5	.63275
			4	5265	5	.66592
			5	5270	5	.66617
	4	Highest	1	1185	19	10.28485
			2	7397	7	6.30206
			3	7393	7	6.07666
			4	7982	0	5.83463
			5	7389	7	5.80347
		Lowest	1	5296	5	.63266
			2	1496	5	.68250
			3	5293	5	.68256
			4	1486	5	.69920
			5	5295	5	.73257
error T [m]	0	Highest	1	5203	5	.01818
			2	5211	5	.01747
			3	7014	4	.01741
			4	5218	5	.01389
			5	5217	5	.01359
		Lowest	1	7620	0	.00000
			2	7619	0	.00000
			3	7618	0	.00000
			4	7617	0	.00000
			5	7616	0	.00000[a]
	1	Highest	1	3340	5	.01982
			2	3026	19	.01744
			3	2628	15	.01632
			4	5239	5	.01606
			5	7121	5	.01507
		Lowest	1	7640	0	.00000
			2	7639	0	.00000

Extreme Values

repetition			Case Number	User Id	Value
		3	7638	0	.00000
		4	7637	0	.00000
		5	7636	0	.00000[a]
2	Highest	1	4645	16	.09095
		2	5253	5	.03853
		3	4142	11	.01489
		4	5250	5	.01451
		5	5258	5	.01285
	Lowest	1	7660	0	.00000
		2	7659	0	.00000
		3	7658	0	.00000
		4	7657	0	.00000
		5	7656	0	.00000[a]
3	Highest	1	5277	5	.02089
		2	5274	5	.01903
		3	2265	11	.01884
		4	7165	5	.01543
		5	5279	5	.01521
	Lowest	1	7680	0	.00000
		2	7679	0	.00000
		3	7678	0	.00000
		4	7677	0	.00000
		5	7676	0	.00000[a]
4	Highest	1	5299	5	.02023
		2	5285	5	.01998
		3	6590	16	.01925
		4	5297	5	.01651
		5	7191	5	.01560
	Lowest	1	7700	0	.00000
		2	7699	0	.00000
		3	7698	0	.00000
		4	7697	0	.00000
		5	7696	0	.00000[a]

Extreme Values

	repetition			Case Number	User Id	Value
error R	0	Highest	1	713	15	13.83550
			2	7605	0	13.43789
			3	7609	0	13.13816
			4	7005	4	13.13265
			5	1411	5	12.09540
		Lowest	1	7820	0	.00000
			2	7819	0	.00000
			3	7818	0	.00000
			4	7817	0	.00000
			5	7816	0	.00000[a]
	1	Highest	1	7626	0	20.92437
			2	1338	4	15.42489
			3	1336	4	12.64933
			4	1440	5	11.68846
			5	7124	5	10.93214
		Lowest	1	7840	0	.00000
			2	7839	0	.00000
			3	7838	0	.00000
			4	7837	0	.00000
			5	7836	0	.00000[a]
	2	Highest	1	1341	4	27.45656
			2	1353	4	21.56995
			3	1343	4	15.32239
			4	1351	4	12.84294
			5	147	2	11.73208
		Lowest	1	7860	0	.00000
			2	7859	0	.00000
			3	7858	0	.00000
			4	7857	0	.00000
			5	7856	0	.00000[a]
	3	Highest	1	1369	4	24.92997
			2	6866	19	13.66738

Extreme Values

repetition			Case Number	User Id	Value
		3	7068	4	13.64273
		4	174	2	13.49913
		5	1366	4	13.46222
	Lowest	1	7880	0	.00000
		2	7879	0	.00000
		3	7878	0	.00000
		4	7877	0	.00000
		5	7876	0	.00000[a]
4	Highest	1	1389	4	15.82274
		2	1483	5	15.67905
		3	7099	4	14.61537
		4	187	2	14.60887
		5	195	2	14.45974
	Lowest	1	7900	0	.00000
		2	7899	0	.00000
		3	7898	0	.00000
		4	7897	0	.00000
		5	7896	0	.00000[a]

a. Only a partial list of cases with the value .00000 are shown in the table of lower extremes.

MT [s]

Stem-and-Leaf Plots

```
 MT [s] Stem-and-Leaf Plot for
repetition= 0

 Frequency    Stem &  Leaf

     5.00        0 .  99
    37.00        1 .  000000111111111111
    71.00        1 .  22222222222222233333333333333333333
   118.00        1 .  44444444444444444444444445555555555555555555555555555555
555
```

```
   174.00        1 .  66666666666666666666666666666666666666667777777777777
77777777777777777777777777777
   177.00        1 .  88888888888888888888888888888888888888899999999999999
99999999999999999999999999999
   180.00        2 .  00000000000000000000000000000000000000000011111111
11111111111111111111111111111
   126.00        2 .  22222222222222222222222223333333333333333333333333333
333333
   107.00        2 .  44444444444444444444444444444455555555555555555555
   118.00        2 .  66666666666666666666666666677777777777777777777777777
777
    90.00        2 .  88888888888888888888888999999999999999999
    67.00        3 .  00000000000000001111111111111111
    64.00        3 .  22222222222222223333333333333
    34.00        3 .  4444444444555555
    34.00        3 .  66666666677777777
    29.00        3 .  88888888899999
    22.00        4 .  0000111111
    21.00        4 .  2222222333
    22.00        4 .  4444445555
    11.00        4 .  66677
    93.00 Extremes    (>=4.8)

 Stem width:  1.00000
 Each leaf:        2 case(s)



 MT [s] Stem-and-Leaf Plot for
repetition= 1

 Frequency    Stem &  Leaf

     9.00        0 .  7777&
    21.00        0 .  8899999999
    58.00        1 .  00000000001111111111111111111
    96.00        1 .  22222222222222222222223333333333333333333333333
   157.00        1 .  44444444444444444444444444445555555555555555555555555555
555555555555555555555
   181.00        1 .  66666666666666666666666666666666666666677777777777777777
77777777777777777777777777777
```

```
   164.00        1 .  88888888888888888888888888888888888888888999999999999999
99999999999999999999999
   149.00        2 .  00000000000000000000000000000000000000011111111111111111
111111111111111111
   152.00        2 .  22222222222222222222222222222222222222223333333333333333
3333333333333333
   129.00        2 .  44444444444444444444444444444444444455555555555555555555
55555555
    87.00        2 .  66666666666666666666677777777777777777777
    82.00        2 .  88888888888888888888889999999999999999999
    47.00        3 .  00000000000111111111111
    54.00        3 .  22222222222222333333333333
    43.00        3 .  444444444444455555555
    34.00        3 .  6666666666677777
    27.00        3 .  8888888899999
    22.00        4 .  0000000111
    25.00        4 .  222222223333
     5.00        4 .  44
    58.00 Extremes    (>=4.5)

 Stem width:  1.00000
 Each leaf:        2 case(s)



 & denotes fractional leaves.

 MT [s] Stem-and-Leaf Plot for
repetition= 2

 Frequency    Stem &  Leaf

    18.00        0 .  667777777
    19.00        0 .  888899999
    61.00        1 .  00000000000011111111111111111
   101.00        1 .  22222222222222222233333333333333333333333333333333
   153.00        1 .  44444444444444444444444444444444444444555555555555555555
55555555555555555555
   193.00        1 .  66666666666666666666666666666666666666666667777777777
77777777777777777777777777777777777777
   186.00        1 .  88888888888888888888888888888888888888888899999999999
99999999999999999999999999999999999999
```

```
   160.00        2 .  00000000000000000000000000000000000000000011111111111
1111111111111111111111
   147.00        2 .  22222222222222222222222222222222233333333333333333333
33333333333333333
   112.00        2 .  44444444444444444444444455555555555555555555555555555
   109.00        2 .  66666666666666666666666667777777777777777777777777
    82.00        2 .  88888888888888888888899999999999999999
    60.00        3 .  000000000000000011111111111111
    33.00        3 .  2222222222333333
    27.00        3 .  4444445555555
    18.00        3 .  666667777
    22.00        3 .  8888899999
    22.00        4 .  00000011111
     4.00        4 .  22
    73.00 Extremes    (>=4.2)

 Stem width:  1.00000
 Each leaf:        2 case(s)



 MT [s] Stem-and-Leaf Plot for
repetition= 3

 Frequency    Stem &  Leaf

    14.00        0 .  6667777
    22.00        0 .  88888899999
    59.00        1 .  00000000111111111111111111111
   126.00        1 .  22222222222222222222222333333333333333333333333333333
3333333
   173.00        1 .  44444444444444444444444444444444444444444444455555555
55555555555555555555555555555
   172.00        1 .  66666666666666666666666666666666666667777777777777777
77777777777777777777777777777
   170.00        1 .  88888888888888888888888888888888888889999999999999999
99999999999999999999999999999
   158.00        2 .  00000000000000000000000000000000000001111111111111111
11111111111111111111111
   159.00        2 .  22222222222222222222222222222222222223333333333333333
33333333333333333333333
   107.00        2 .  44444444444444444444445555555555555555555555555555
```

```
   107.00        2 .  66666666666666666666666677777777777777777777777777
    60.00        2 .  88888888888888999999999999999
    56.00        3 .  000000000000111111111111111
    52.00        3 .  222222222233333333333333
    36.00        3 .  444444445555555555
    28.00        3 .  66666666777777
    21.00        3 .  8888899999
    17.00        4 .  00000011
     3.00        4 .  2
    60.00 Extremes    (>=4.3)

 Stem width:  1.00000
 Each leaf:        2 case(s)



 MT [s] Stem-and-Leaf Plot for
repetition= 4

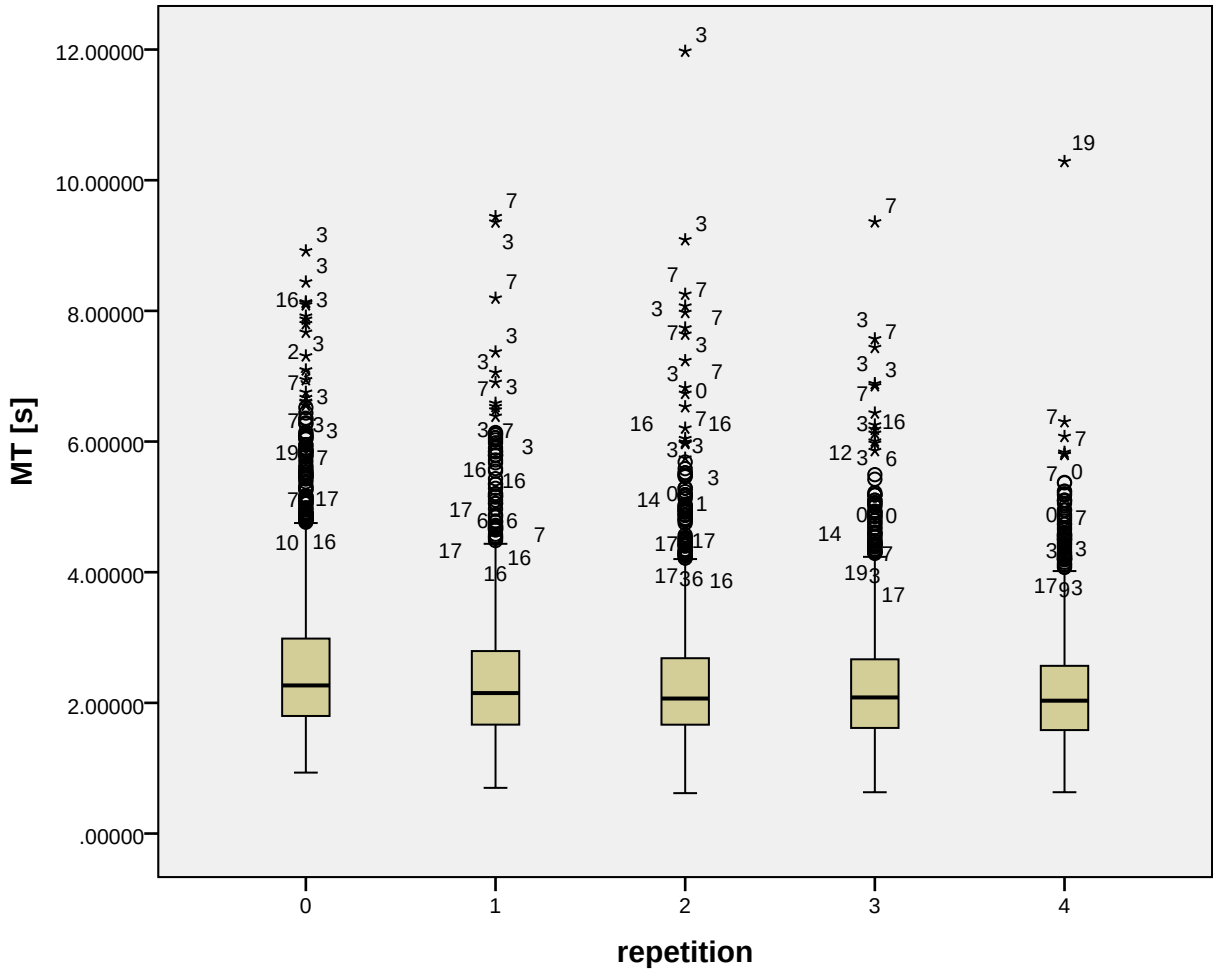
 Frequency    Stem &  Leaf

    13.00        0 .  667777
    31.00        0 .  888889999999999
    76.00        1 .  000000000000000000001111111111111111111
   118.00        1 .  22222222222222222222222233333333333333333333333333333333
33
   177.00        1 .  44444444444444444444444444444444444444555555555555555555
55555555555555555555555555555555
   186.00        1 .  66666666666666666666666666666666666666666666677777777777
77777777777777777777777777777777
   168.00        1 .  88888888888888888888888888888888888888999999999999999
99999999999999999999999999999
   154.00        2 .  00000000000000000000000000000000000000000111111111111111
11111111111111111111
   158.00        2 .  22222222222222222222222222222222222222233333333333333333
33333333333333333333
   137.00        2 .  44444444444444444444444444444444455555555555555555555555
555555555555
    96.00        2 .  66666666666666666666666666777777777777777777777
    70.00        2 .  88888888888888889999999999999999999
    51.00        3 .  000000000000111111111111
    28.00        3 .  2222233333333
```

```
   30.00        3 .  44444444555555
   24.00        3 .  666666667777
   22.00        3 .  8888899999
    2.00        4 .  0
   59.00 Extremes    (>=4.1)

 Stem width:  1.00000
 Each leaf:        2 case(s)
```

Boxplots



error T [m]

Stem-and-Leaf Plots

```
 error T [m] Stem-and-Leaf Plot for
repetition= 0

 Frequency    Stem &  Leaf

   435.00        0 .  00000000000
```

```
   135.00        1 .  000000111122222333333344444
   138.00        1 .  55556666667777777888888999999
   128.00        2 .  00000011111222222233334444
   112.00        2 .  5555566667777788888899
    90.00        3 .  000011122233334444
    85.00        3 .  5555667777889999
    74.00        4 .  0000111122233444
    59.00        4 .  556677788899
    50.00        5 .  0012223344
    38.00        5 .  55667899
    31.00        6 .  0012234
    23.00        6 .  6789&
    24.00        7 .  01124&
    16.00        7 .  689&
    13.00        8 .  014&
    11.00        8 .  5&
     6.00        9 .  1&
    25.00 Extremes    (>=.0098)

 Stem width:    .00100
 Each leaf:        5 case(s)



 & denotes fractional leaves.

 error T [m] Stem-and-Leaf Plot for
repetition= 2

 Frequency    Stem &  Leaf

   440.00        0 .  00000000000
```

```
    35.00        5 .  0123444
    49.00        5 .  5566778899
    26.00        6 .  0134&
    29.00        6 .  56789
    18.00        7 .  0124&
    13.00        7 .  5678
    10.00        8 .  0&
    10.00        8 .  56&
     1.00        9 .  &
    28.00 Extremes    (>=.0092)

 Stem width:    .00100
 Each leaf:        5 case(s)



 & denotes fractional leaves.

 error T [m] Stem-and-Leaf Plot for
repetition= 3

 Frequency    Stem &  Leaf

   435.00        0 .  00000000000
```

```
     3.00        9 .  0
    32.00 Extremes    (>=.0092)

 Stem width:    .00100
 Each leaf:        5 case(s)



 & denotes fractional leaves.

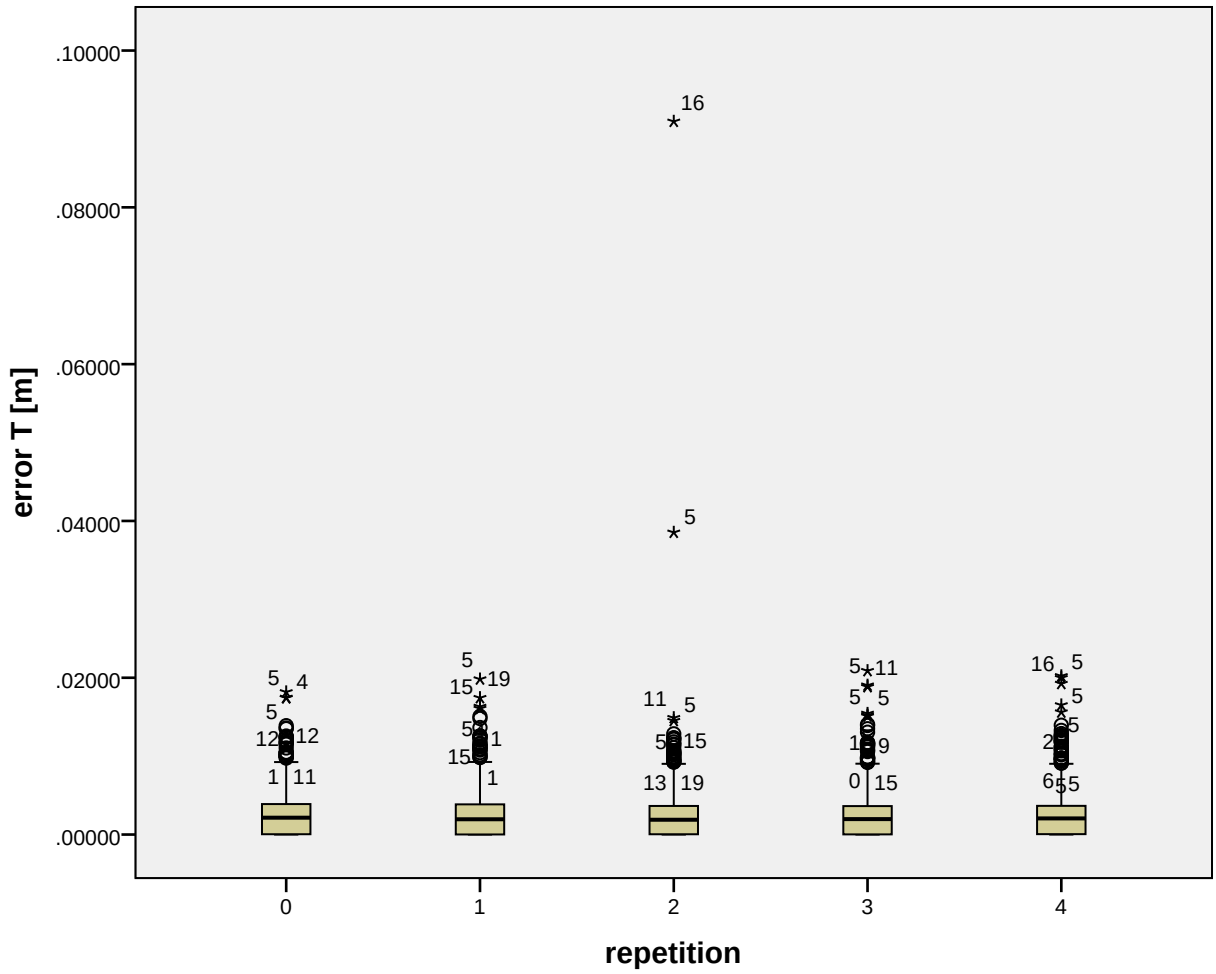
 error T [m] Stem-and-Leaf Plot for
repetition= 4

 Frequency    Stem &  Leaf

   433.00        0 .  00000000000
```

& denotes fractional leaves.

Boxplots



error R

Stem-and-Leaf Plots

error R Stem-and-Leaf Plot for
repetition= 0

Frequency Stem & Leaf

800.00 0 . 00000000000

```
    22.00        0 .  67
    42.00        0 .  88999
    52.00        1 .  001111
    48.00        1 .  22233
    53.00        1 .  445555
    54.00        1 .  6666777
    47.00        1 .  88899
    51.00        2 .  000111
    47.00        2 .  222233
    28.00        2 .  4455
    28.00        2 .  6677
    31.00        2 .  8899
    29.00        3 .  0011
    29.00        3 .  2233
    24.00        3 .  455
    17.00        3 .  67
    10.00        3 .  89
    15.00        4 .  01
    11.00        4 .  2&
    16.00        4 .  45
     9.00        4 .  7&
     6.00        4 .  &
     7.00        5 .  0&
    15.00        5 .  23
     6.00        5 .  4&
    82.00 Extremes    (>=5.6)

 Stem width:   1.00000
 Each leaf:        8 case(s)



 & denotes fractional leaves.

 error R Stem-and-Leaf Plot for
repetition= 1

 Frequency    Stem &  Leaf

   800.00        0 .  00000000000
```

```
    17.00        0 .  45
    24.00        0 .  677
    45.00        0 .  88999
    63.00        1 .  00001111
    52.00        1 .  2222333
    62.00        1 .  44445555
    49.00        1 .  666777
    37.00        1 .  8899
    45.00        2 .  00111
    37.00        2 .  22333
    38.00        2 .  44555
    32.00        2 .  6677
    29.00        2 .  8899
    17.00        3 .  01
    27.00        3 .  223
    19.00        3 .  45
    16.00        3 .  67
    19.00        3 .  89
    19.00        4 .  01
    14.00        4 .  23
    10.00        4 .  45
    11.00        4 .  7&
     9.00        4 .  8&
    12.00        5 .  0&
     1.00        5 .  &
     5.00        5 .  4
    85.00 Extremes    (>=5.5)

 Stem width:   1.00000
 Each leaf:        8 case(s)



 & denotes fractional leaves.

 error R Stem-and-Leaf Plot for
repetition= 2

 Frequency    Stem &  Leaf

   801.00        0 .  00000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000&
```

```
     8.00        0 .  3&
    19.00        0 .  45
    24.00        0 .  667
    32.00        0 .  8899
    62.00        1 .  0000111
    43.00        1 .  22333
    57.00        1 .  4445555
    55.00        1 .  6666777
    46.00        1 .  888999
    54.00        2 .  0001111
    38.00        2 .  2233
    41.00        2 .  44455
    27.00        2 .  667
    25.00        2 .  899
    29.00        3 .  001
    18.00        3 .  23
    18.00        3 .  45
    21.00        3 .  677
    24.00        3 .  889
    17.00        4 .  01
     9.00        4 .  2&
    11.00        4 .  4&
    12.00        4 .  6&
     8.00        4 .  8&
     8.00        5 .  1&
     4.00        5 .  &
     3.00        5 .  &
    86.00 Extremes    (>=5.5)

 Stem width:   1.00000
 Each leaf:        8 case(s)



 & denotes fractional leaves.

 error R Stem-and-Leaf Plot for
repetition= 3

 Frequency    Stem &  Leaf
```

```
   800.00        0 .  00000000000
```

```
 Frequency    Stem &  Leaf

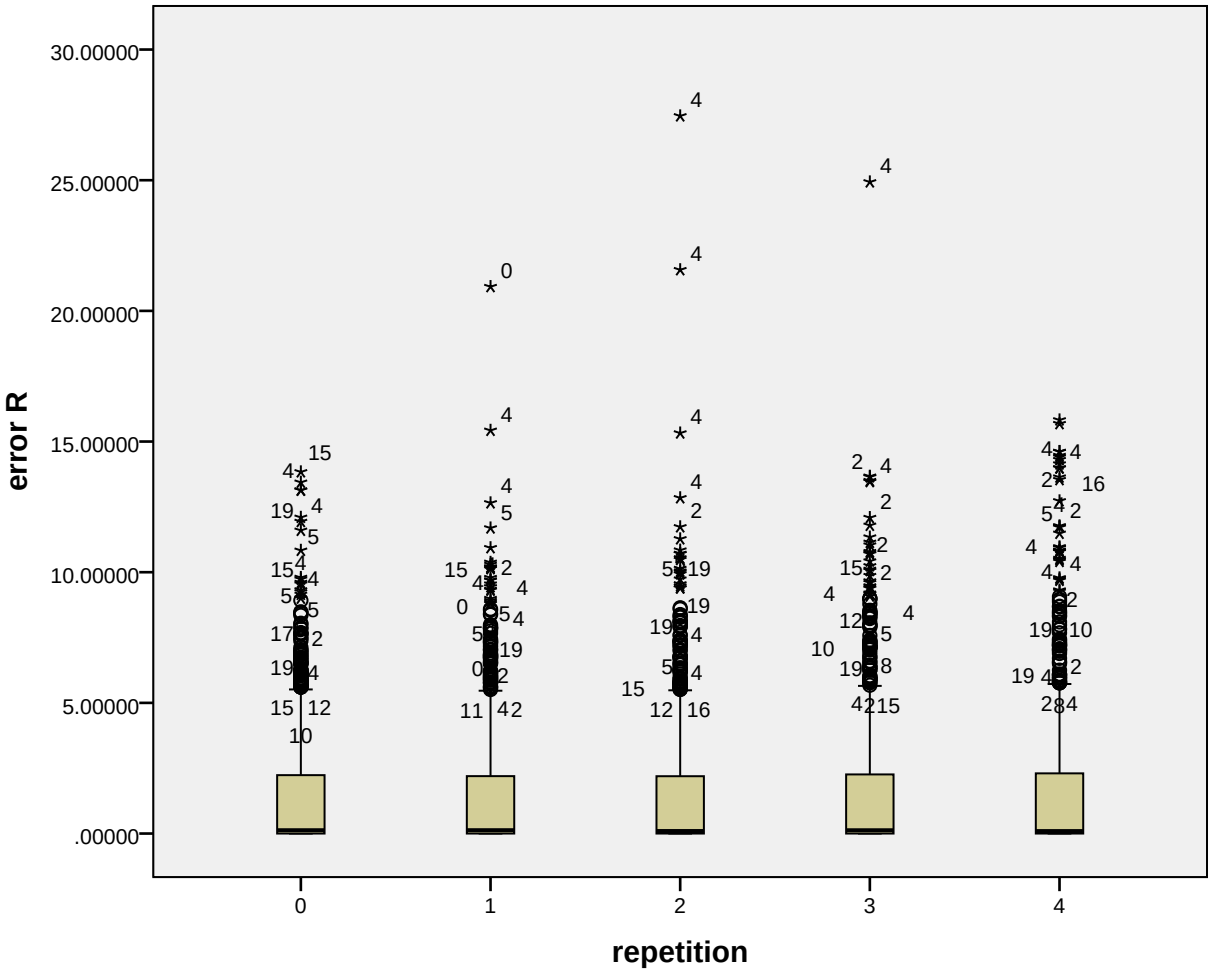
   801.00        0 .  00000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000&
     5.00        0 .  &
    10.00        0 .  4&
    30.00        0 .  6677
    32.00        0 .  8899
    43.00        1 .  00011
    52.00        1 .  222333
    44.00        1 .  444555
    54.00        1 .  6666777
    49.00        1 .  888999
    51.00        2 .  001111
    47.00        2 .  22233
    39.00        2 .  4455
    36.00        2 .  6677
    32.00        2 .  8899
    23.00        3 .  001
    23.00        3 .  223
    17.00        3 .  45
    19.00        3 .  67
    17.00        3 .  89
    16.00        4 .  01
    12.00        4 .  2&
    13.00        4 .  45
    10.00        4 .  6&
     7.00        4 .  &
    14.00        5 .  01
    10.00        5 .  23
    11.00        5 .  4&
     4.00        5 .  &
    79.00 Extremes    (>=5.8)

 Stem width:   1.00000
 Each leaf:        8 case(s)



 & denotes fractional leaves.
```

Boxplots



targetSide

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	targetSide	N	Percent	N	Percent	N	Percent
MT [s]	L	4000	100.0%	0	0.0%	4000	100.0%
	R	4000	100.0%	0	0.0%	4000	100.0%
error T [m]	L	4000	100.0%	0	0.0%	4000	100.0%
	R	4000	100.0%	0	0.0%	4000	100.0%
error R	L	4000	100.0%	0	0.0%	4000	100.0%
	R	4000	100.0%	0	0.0%	4000	100.0%

Descriptives

	targetSide			Statistic	Std. Error
MT [s]	L	Mean		2.3056489	.01577187
		95% Confidence Interval for Mean	Lower Bound	2.2747272	
			Upper Bound	2.3365705	
		5% Trimmed Mean		2.2154156	
		Median		2.0862350	
		Variance		.995	
		Std. Deviation		.99750079	
		Minimum		.61843	
		Maximum		11.97281	
		Range		11.35438	
		Interquartile Range		1.03396	
		Skewness		1.982	.039
		Kurtosis		7.621	.077
	R	Mean		2.3583193	.01590326
		95% Confidence Interval for Mean	Lower Bound	2.3271401	
			Upper Bound	2.3894986	
		5% Trimmed Mean		2.2695423	
		Median		2.1497879	
		Variance		1.012	
		Std. Deviation		1.00581057	
		Minimum		.63255	
		Maximum		10.28485	
		Range		9.65230	
		Interquartile Range		1.08408	
		Skewness		1.785	.039
		Kurtosis		5.530	.077
error T [m]	L	Mean		.0024566	.00003917
		95% Confidence Interval for Mean	Lower Bound	.0023798	
			Upper Bound	.0025334	
		5% Trimmed Mean		.0022118	
		Median		.0019775	
		Variance		.000	
		Std. Deviation		.00247714	
		Minimum		.00000	
		Maximum		.01982	

Descriptives

	targetSide			Statistic	Std. Error
		Range		.01982	
		Interquartile Range		.00370	
		Skewness		1.538	.039
		Kurtosis		3.963	.077
	R	Mean		.0025251	.00004653
		95% Confidence Interval for Mean	Lower Bound	.0024339	
			Upper Bound	.0026163	
		5% Trimmed Mean		.0022485	
		Median		.0020228	
		Variance		.000	
		Std. Deviation		.00294273	
		Minimum		.00000	
		Maximum		.09095	
		Range		.09095	
		Interquartile Range		.00373	
		Skewness		8.275	.039
		Kurtosis		211.157	.077
error R	L	Mean		1.3878469	.03217181
		95% Confidence Interval for Mean	Lower Bound	1.3247722	
			Upper Bound	1.4509216	
		5% Trimmed Mean		1.1144140	
		Median		.0966749	
		Variance		4.140	
		Std. Deviation		2.03472394	
		Minimum		.00000	
		Maximum		20.92437	
		Range		20.92437	
		Interquartile Range		2.16850	
		Skewness		2.308	.039
		Kurtosis		7.928	.077
	R	Mean		1.5277873	.03654173
		95% Confidence Interval for Mean	Lower Bound	1.4561451	
			Upper Bound	1.5994295	
		5% Trimmed Mean		1.2152832	
		Median		.0944230	

Descriptives

targetSide		Statistic	Std. Error
	Variance	5.341	
	Std. Deviation	2.31110200	
	Minimum	.00000	
	Maximum	27.45656	
	Range	27.45656	
	Interquartile Range	2.34616	
	Skewness	2.733	.039
	Kurtosis	13.189	.077

Percentiles

			Percentiles		
		targetSide	5	10	25
Weighted Average (Definition 1)	MT [s]	L	1.1826950	1.3338806	1.6660461
		R	1.1995937	1.3663521	1.6831827
	error T [m]	L	.0000000	.0000000	.0000051
		R	.0000000	.0000000	.0000136
	error R	L	.0000000	.0000000	.0000000
		R	.0000000	.0000000	.0000000
Tukey's Hinges	MT [s]	L			1.6660767
		R			1.6831875
	error T [m]	L			.0000103
		R			.0000273
	error R	L			.0000000
		R			.0000000

Percentiles

			Percentiles		
		targetSide	50	75	90
Weighted Average (Definition 1)	MT [s]	L	2.0862350	2.7000046	3.5175610
		R	2.1497879	2.7672606	3.6162125
	error T [m]	L	.0019775	.0037056	.0056769
		R	.0020228	.0037421	.0057528
	error R	L	.0966749	2.1685025	3.9016416
		R	.0944230	2.3461569	4.2795745
Tukey's Hinges	MT [s]	L	2.0862350	2.6999969	
		R	2.1497879	2.7672443	
	error T [m]	L	.0019775	.0037043	
		R	.0020228	.0037413	
	error R	L	.0966749	2.1683701	
		R	.0944230	2.3458011	

Percentiles

			Percentiles
		targetSide	95
Weighted Average (Definition 1)	MT [s]	L	4.2038467
		R	4.2679043
	error T [m]	L	.0070377
		R	.0070556
	error R	L	5.4108569
		R	5.8194265
Tukey's Hinges	MT [s]	L	
		R	
	error T [m]	L	
		R	
	error R	L	
		R	

Extreme Values

	targetSide			Case Number	User Id	Value
MT [s]	L	Highest	1	6944	3	11.97281
			2	7340	7	9.44131
			3	3580	7	9.36066
			4	6926	3	9.35745
			5	6952	3	9.08701
		Lowest	1	5260	5	.61843
			2	5272	5	.63260
			3	5296	5	.63266
			4	5274	5	.63275
			5	5270	5	.66617
	R	Highest	1	1185	19	10.28485
			2	6909	3	8.91737
			3	1205	3	8.44111
			4	7359	7	8.25336
			5	7333	7	8.19371
		Lowest	1	5273	5	.63255
			2	5265	5	.66592
			3	5293	5	.68256
			4	5269	5	.68259
			5	5253	5	.68260
error T [m]	L	Highest	1	3340	5	.01982
			2	6590	16	.01925
			3	5274	5	.01903
			4	3026	19	.01744
			5	7014	4	.01741
		Lowest	1	7700	0	.00000
			2	7698	0	.00000
			3	7696	0	.00000
			4	7694	0	.00000
			5	7692	0	.00000[a]
	R	Highest	1	4645	16	.09095
			2	5253	5	.03853
			3	5277	5	.02089
			4	5299	5	.02023
			5	5285	5	.01998

Extreme Values

	targetSide			Case Number	User Id	Value
		Lowest	1	7699	0	.00000
			2	7697	0	.00000
			3	7695	0	.00000
			4	7693	0	.00000
			5	7691	0	.00000[a]
error R	L	Highest	1	7626	0	20.92437
			2	1338	4	15.42489
			3	6590	16	14.13532
			4	6866	19	13.66738
			5	7068	4	13.64273
		Lowest	1	7900	0	.00000
			2	7898	0	.00000
			3	7896	0	.00000
			4	7894	0	.00000
			5	7892	0	.00000[a]
	R	Highest	1	1341	4	27.45656
			2	1369	4	24.92997
			3	1353	4	21.56995
			4	1389	4	15.82274
			5	1483	5	15.67905
		Lowest	1	7899	0	.00000
			2	7897	0	.00000
			3	7895	0	.00000
			4	7893	0	.00000
			5	7891	0	.00000[a]

a. Only a partial list of cases with the value .00000 are shown in the table of lower extremes.

MT [s]

Stem-and-Leaf Plots

```
 MT [s] Stem-and-Leaf Plot for
targetSide= L
```

```
 Frequency    Stem &  Leaf

    30.00        0 .  667777
    55.00        0 .  88888999999
   152.00        1 .  00000000001111111111111111111
   275.00        1 .  22222222222222222222223333333333333333333333333333333
   387.00        1 .  44444444444444444444444444444444455555555555555555555
555555555555555555555
   456.00        1 .  66666666666666666666666666666666666666667777777777777
777777777777777777777777777777777
   441.00        1 .  88888888888888888888888888888888888888888889999999999
999999999999999999999999999999999
   398.00        2 .  00000000000000000000000000000000000000000001111111111111
111111111111111111111111
   378.00        2 .  22222222222222222222222222222222222222223333333333333333
333333333333333333333
   298.00        2 .  44444444444444444444444444444444555555555555555555555555
5555
   253.00        2 .  66666666666666666666666666777777777777777777777777777
   189.00        2 .  88888888888888888889999999999999999999
   133.00        3 .  00000000000011111111111111
   107.00        3 .  222222222233333333333
    76.00        3 .  444444445555555
    64.00        3 .  666666677777
    53.00        3 .  8888889999
    50.00        4 .  0000000111
    15.00        4 .  222
   190.00 Extremes    (>=4.3)

 Stem width:  1.00000
 Each leaf:        5 case(s)



 MT [s] Stem-and-Leaf Plot for
targetSide= R

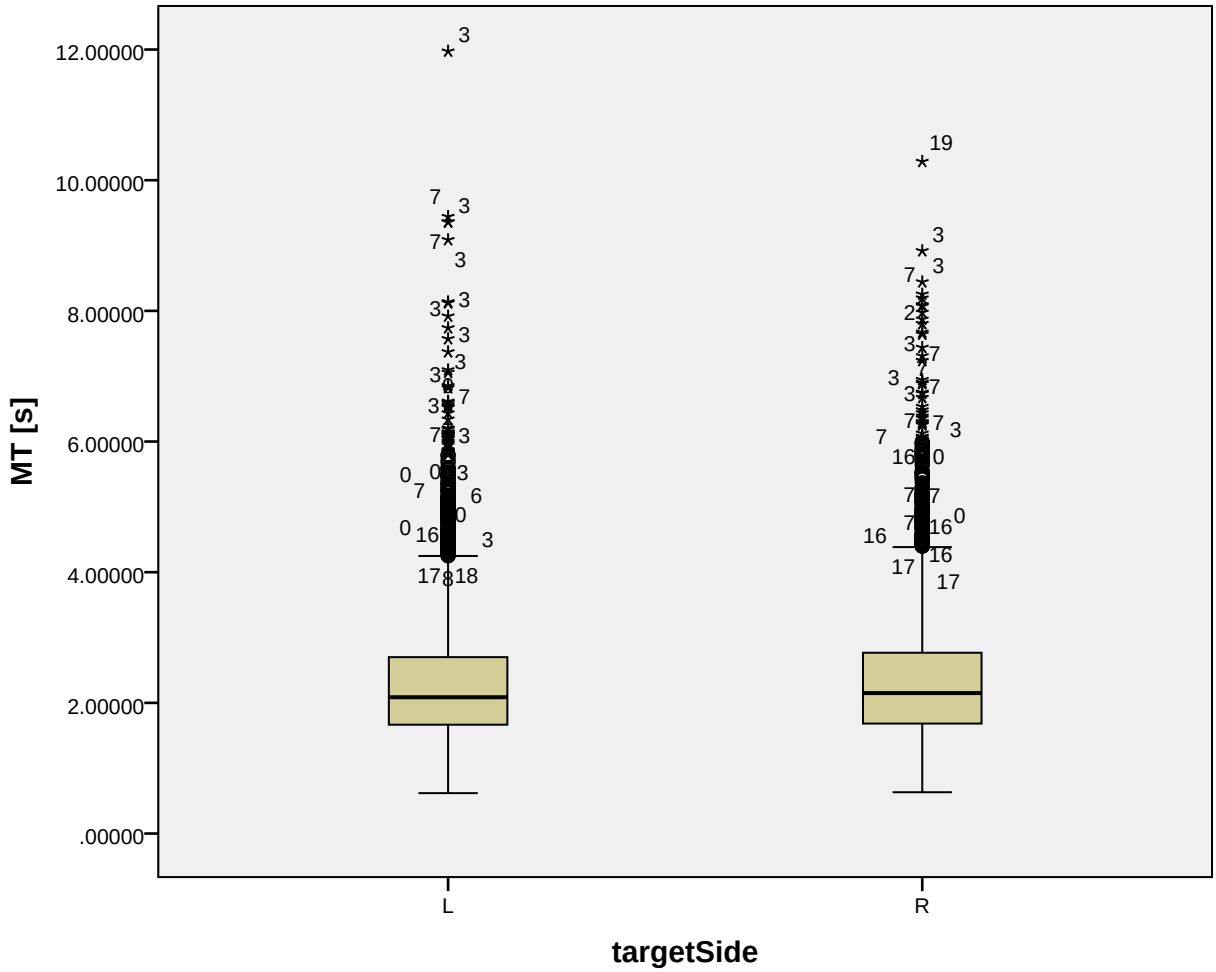
 Frequency    Stem &  Leaf

    24.00        0 .  67777
    43.00        0 .  888999999
   139.00        1 .  00000000000001111111111111111
```

```
   237.00        1 .  22222222222222222233333333333333333333333333
   391.00        1 .  44444444444444444444444444444444444444555555555555555555
5555555555555555555555
   450.00        1 .  66666666666666666666666666666666666666677777777777777777
77777777777777777777777777777777
   424.00        1 .  88888888888888888888888888888888888889999999999999999999
99999999999999999999999999999999
   403.00        2 .  00000000000000000000000000000000000000011111111111111111
11111111111111111111111111111111
   364.00        2 .  22222222222222222222222222222222223333333333333333333333
33333333333333333
   294.00        2 .  44444444444444444444444444445555555555555555555555555555
55
   264.00        2 .  66666666666666666666666666777777777777777777777777777777
   195.00        2 .  88888888888888888888889999999999999999
   148.00        3 .  00000000000000011111111111111
   124.00        3 .  22222222222223333333333333
    94.00        3 .  4444444444455555555
    74.00        3 .  666666666777777
    68.00        3 .  88888889999999
    42.00        4 .  000011111
    43.00        4 .  22222233
   179.00 Extremes    (>=4.4)

 Stem width:  1.00000
 Each leaf:        5 case(s)
```

Boxplots



error T [m]

Stem-and-Leaf Plots

```
 error T [m] Stem-and-Leaf Plot for
targetSide= L

 Frequency    Stem &  Leaf

  1090.00        0 .  00000000000
```

```
   258.00        3 .  0000011112222333334444
   199.00        3 .  55566677778889999
   170.00        4 .  000111122233444
   145.00        4 .  55667788899
   122.00        5 .  00011223444
   112.00        5 .  556678899
    65.00        6 .  01234
    59.00        6 .  56789
    44.00        7 .  01234
    31.00        7 .  68&
    21.00        8 .  &&
    27.00        8 .  6&&
    11.00        9 .  &
    71.00 Extremes    (>=.0093)

 Stem width:    .00100
 Each leaf:       12 case(s)



 & denotes fractional leaves.

 error T [m] Stem-and-Leaf Plot for
targetSide= R

 Frequency    Stem &  Leaf

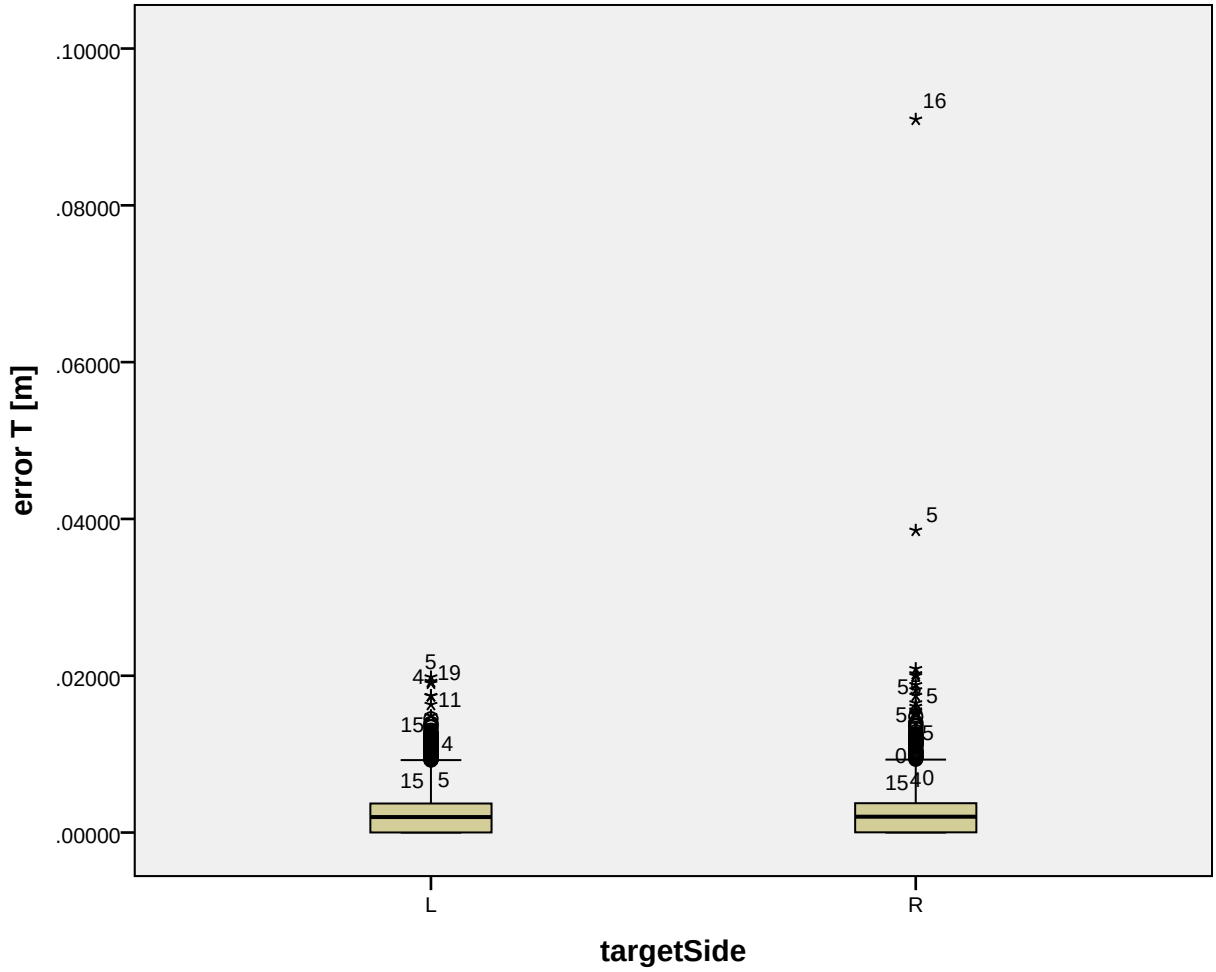
  1089.00        0 .  000000000
```

```
   50.00        7 .  0123&
   29.00        7 .  89&
   23.00        8 .  &&
   21.00        8 .  6&
   12.00        9 .  &
   68.00 Extremes    (>=.0093)

 Stem width:    .00100
 Each leaf:       12 case(s)


 & denotes fractional leaves.
```

Boxplots



error R

Stem-and-Leaf Plots

```
 error R Stem-and-Leaf Plot for
targetSide= L

 Frequency    Stem &  Leaf

  2001.00        0 .  00000000000
```

& denotes fractional leaves.

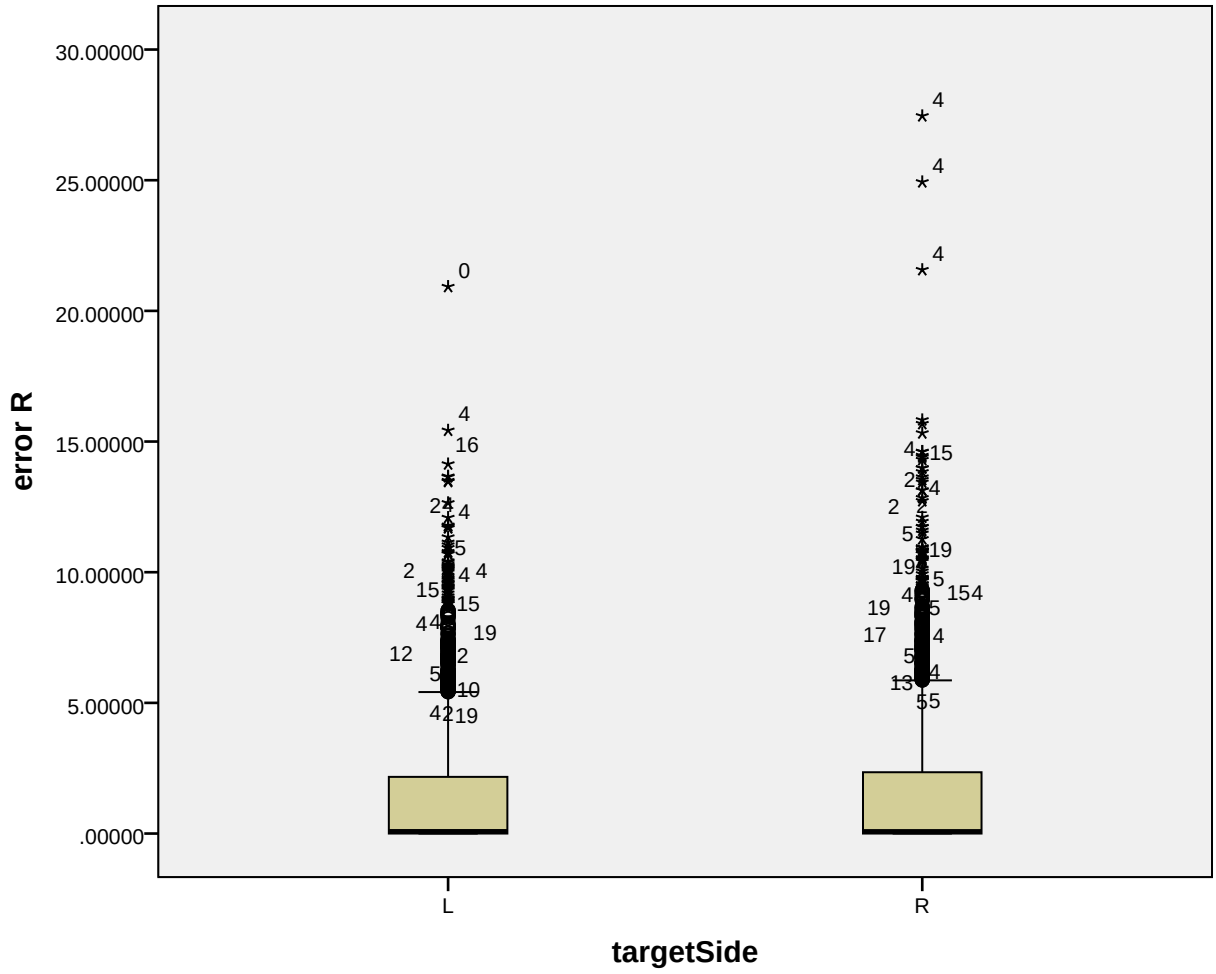
error R Stem-and-Leaf Plot for
targetSide= R

Frequency	Stem	&	Leaf
2001.00	0	.	00000000000

```
Stem width:   1.00000
Each leaf:       20 case(s)


& denotes fractional leaves.
```

Boxplots




```
DESCRIPTIVES VARIABLES=MTs errorTm errorR
  /SAVE
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		09-JUN-2016 10:18:33
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	8000
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=MTs errorTm errorR /SAVE /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02
Variables Created or Modified	ZMTs	Zscore: MT [s]
	ZerrorTm	Zscore: error T [m]
	ZerrorR	Zscore: error R

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
MT [s]	8000	.61843	11.97281	2.3319841	1.00194789
error T [m]	8000	.00000	.09095	.0024909	.00271996
error R	8000	.00000	27.45656	1.4578171	2.17829079
Valid N (listwise)	8000				

```
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='D:\work\uni-projekte\groupwareUsability\git\results\evaluation\U
```

```
ID_0-19_combined.sav'
  /COMPRESSED.
USE ALL.
COMPUTE filter_$=(Task = "r3-t0").
VARIABLE LABELS filter_$ 'Task = "r3-t0" (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
DESCRIPTIVES VARIABLES=MTs errorTm errorR
  /SAVE
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		09-JUN-2016 10:25:54
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	Filter	Task = "r3-t0" (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	2000
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=MTs errorTm errorR /SAVE /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.05

Notes

Variables Created or Modified	ZMTs	Zscore: MT [s]
	ZerrorTm	Zscore: error T [m]
	ZerrorR	Zscore: error R

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
MT [s]	2000	.68250	10.28485	2.0786952	.97861784
error T [m]	2000	.00000	.00000	.0000000	.00000000
error R	2000	.18885	27.45656	3.0937298	2.58674660
Valid N (listwise)	2000				

```
 USE ALL.
COMPUTE filter_$=(Task = "r0-t3").
VARIABLE LABELS filter_$ 'Task = "r0-t3" (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
DESCRIPTIVES VARIABLES=MTs errorTm errorR
  /SAVE
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		09-JUN-2016 10:26:31
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	Filter	Task = "r0-t3" (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	2000
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=MTs errorTm errorR /SAVE /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.07
Variables Created or Modified	ZSco01	Zscore(MTs) MT [s]
	ZSco02	Zscore(errorTm) error T [m]
	ZSco03	Zscore(errorR) error R

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
MT [s]	2000	.98262	9.36066	2.2069505	.75164243
error T [m]	2000	.00037	.01982	.0037653	.00228647
error R	2000	.00000	.00000	.0000000	.00000000
Valid N (listwise)	2000				

```
DATASET ACTIVATE DataSet1.
```

```
SAVE OUTFILE='D:\work\uni-projekte\groupwareUsability\git\results\evaluation\U
ID_0-19_combined.sav'
  /COMPRESSED.
USE ALL.
COMPUTE filter_$=(Task = "r3-t0").
VARIABLE LABELS filter_$ 'Task = "r3-t0" (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
DESCRIPTIVES VARIABLES=MTs errorR
  /SAVE
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		09-JUN-2016 10:34:50
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	Filter	Task = "r3-t0" (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	2000
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=MTs errorR /SAVE /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.03
	Elapsed Time	00:00:00.05
Variables Created or Modified	ZMTs	Zscore: MT [s]
	ZerrorR	Zscore: error R

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
MT [s]	2000	.68250	10.28485	2.0786952	.97861784
error R	2000	.18885	27.45656	3.0937298	2.58674660
Valid N (listwise)	2000				

```
 DATASET ACTIVATE DataSet1.

SAVE OUTFILE='D:\work\uni-projekte\groupwareUsability\git\results\evaluation\U
ID_0-19_combined.sav'
  /COMPRESSED.
USE ALL.
COMPUTE filter_$=(Task = "r3-t3").
VARIABLE LABELS filter_$ 'Task = "r3-t3" (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
DESCRIPTIVES VARIABLES=MT errorR
  /SAVE
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		09-JUN-2016 10:36:21
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	Filter	Task = "r3-t3" (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	2000
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=MT errorR /SAVE /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.05
Variables Created or Modified	ZMT	Zscore: MT [s]
	ZerrorR	Zscore: error R

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
MT [s]	2000	1.01804	11.97281	3.0245608	1.20518397
error R	2000	.24771	14.61537	2.7375387	1.93054985
Valid N (listwise)	2000				

```
DESCRIPTIVES VARIABLES=MT errorR errorTm
  /SAVE
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		09-JUN-2016 10:36:45
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	Filter	Task = "r3-t3" (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	2000
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=MT errorR errorTm /SAVE /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.08
	Elapsed Time	00:00:00.07
Variables Created or Modified	ZMT	Zscore: MT [s]
	ZerrorR	Zscore: error R
	ZerrorTm	Zscore: error T [m]

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
MT [s]	2000	1.01804	11.97281	3.0245608	1.20518397
error R	2000	.24771	14.61537	2.7375387	1.93054985
error T [m]	2000	.00012	.01925	.0038404	.00225158
Valid N (listwise)	2000				

```
 USE ALL.
COMPUTE filter_$=(Task = "r0-t3").
VARIABLE LABELS filter_$ 'Task = "r0-t3" (FILTER)'.
```

```
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
DESCRIPTIVES VARIABLES=MT errorTm
  /SAVE
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		09-JUN-2016 10:38:04
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	Filter	Task = "r0-t3" (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	2000
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=MT errorTm /SAVE /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.04
Variables Created or Modified	ZMT	Zscore: MT [s]
	ZerrorTm	Zscore: error T [m]

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
MT [s]	2000	.98262	9.36066	2.2069505	.75164243
error T [m]	2000	.00037	.01982	.0037653	.00228647
Valid N (listwise)	2000				

```
 USE ALL.
COMPUTE filter_$=(Task = "r0-t2").
VARIABLE LABELS filter_$ 'Task = "r0-t2" (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
DESCRIPTIVES VARIABLES=MT errorT
  /SAVE
  /STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptives

Notes

Output Created		09-JUN-2016 10:39:49
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	Filter	Task = "r0-t2" (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	2000
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.

Notes

Syntax		DESCRIPTIVES VARIABLES=MT errorT /SAVE /STATISTICS=MEAN STDDEV MIN MAX.
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.06
Variables Created or Modified	ZMT	Zscore: MT [s]
	ZerrorT	Zscore: error T [m]

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
MT [s]	2000	.61843	6.06849	2.0177299	.61922622
error T [m]	2000	.00002	.09095	.0023578	.00310385
Valid N (listwise)	2000				

```
 DATASET ACTIVATE DataSet1.

SAVE OUTFILE='D:\work\uni-projekte\groupwareUsability\git\results\evaluation\U
ID_0-19_combined.sav'
  /COMPRESSED.
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='D:\work\uni-projekte\groupwareUsability\git\results\evaluation\U
ID_0-19_combined.sav'
  /COMPRESSED.
USE ALL.
COMPUTE filter_$=(ZMT_r3t0 < (0.978618*3)).
VARIABLE LABELS filter_$ 'ZMT_r3t0 < (0.978618*3) (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
USE ALL.
COMPUTE filter_$=(~ZMT_r3t0   > (0.978618*3) ).
VARIABLE LABELS filter_$ '~ZMT_r3t0   > (0.978618*3)  (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
```

```
FILTER BY filter_$.
EXECUTE.
USE ALL.
COMPUTE filter_$=((Task = "r3-t0" & ZMT_r3t0  < (0.978618*3)) | (Task = "r3-t3
") |(Task = "r0-t3")
    |(Task = "r0-t2")).
VARIABLE LABELS filter_$ '(Task = "r3-t0" & ZMT_r3t0  < (0.978618*3)) | (Task
= "r3-t3") |(Task '+
    '= "r0-t3") |(Task = "r0-t2") (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
USE ALL.
COMPUTE filter_$=((Task = "r3-t0" & ZMT_r3t0  < (ABS(0.978618)*3) & ZerrorR_r3
t0 < (ABS(1)*3)) |
    (Task = "r3-t3") |(Task = "r0-t3") |(Task = "r0-t2")).
VARIABLE LABELS filter_$ '(Task = "r3-t0" & ZMT_r3t0  < (ABS(0.978618)*3) & Ze
rrorR_r3t0 < '+
    '(ABS(1)*3)) | (Task = "r3-t3") |(Task = "r0-t3") |(Task = "r0-t2") (FILTE
R)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
USE ALL.
COMPUTE filter_$=((Task = "r3-t0" & ABS(ZMT_r3t0)  < (0.978618*3) & ABS(Zerror
R_r3t0) <
    (2.58674660*3)) | (Task = "r3-t3" & ABS(ZMT_r3t3) < (1.20518397*3) &
    ABS(ZerrorR_r3t3)<(1.93054985*3) & ABS(ZerrorT_r3t3)<(0.00225158*3)) |(Tas
k = "r0-t3") |(Task =
    "r0-t2")).
VARIABLE LABELS filter_$ '(Task = "r3-t0" & ABS(ZMT_r3t0)  < (0.978618*3) & AB
S(ZerrorR_r3t0) < '+
    '(2.58674660*3)) | (Task = "r3-t3" & ABS(ZMT_r3t3) < (1.20518397*3) & '+
    'ABS(ZerrorR_r3t3)<(1.93054985*3) & ABS(ZerrorT_r3t3)<(0.00225158*3)) |(Ta
sk = "r0-t3") |(Task '+
    '= "r0-t2... (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
```

```
USE ALL.
COMPUTE filter_$=((Task = "r3-t0" & ABS(ZMT_r3t0)  < 3 & ABS(ZerrorR_r3t0) < 3
) | (Task = "r3-t3" &
    ABS(ZMT_r3t3) < 3 & ABS(ZerrorR_r3t3)<3 & ABS(ZerrorT_r3t3)<3) |(Task = "r
0-t3" & ABS(ZMT_r0t3)  <
    3 & ABS(ZerrorT_r0t3) < 3) |(Task = "r0-t2" & ABS(ZMT_r0t2)  < 3 & ABS(Zer
rorT_r0t2) < 3)).
VARIABLE LABELS filter_$ '(Task = "r3-t0" & ABS(ZMT_r3t0)  < 3 & ABS(ZerrorR_r
3t0) < 3) | (Task '+
    '= "r3-t3" & ABS(ZMT_r3t3) < 3 & ABS(ZerrorR_r3t3)<3 & ABS(ZerrorT_r3t3)<3
) |(Task = "r0-t3" & '+
    'ABS(ZMT_r0t3)  < 3 & ABS(ZerrorT_r0t3) < 3) |(Task = "r0-t2" & ABS(ZMT_r0
t2) ... (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
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