

```

EXAMINE VARIABLES=MT errorT 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 11:11:29
Comments		
Input	Data	D:\work\uni-projekte\groupwareUsability\git\results\evaluation\UID_0-19_combined.sav
	Active Dataset	DataSet1
	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 = "r0-t3" & ABS(ZMT_r0t3) < 3 & ABS(ZerrorT_r0t3) < 3) (Task = "r0-t2" & ABS(ZMT_r0t2) ... (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	7739
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.

Notes

Syntax	EXAMINE VARIABLES=MT errorT errorR BY Task repetition targetSide /ID=UserId /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /PERCENTILES (5,10,25,50,75,90,95) HAVERAGE /STATISTICS DESCRIPTIVES EXTREME /INTERVAL 95 /MISSING LISTWISE...
Resources	Processor Time00:00:04.06
	Elapsed Time00:00:03.63

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

		Valid		Cases Missing		Total	
	Task	N	Percent	N	Percent	N	Percent
MT [s]	r0-t2	1953	100.0%	0	0.0%	1953	100.0%
	r0-t3	1939	100.0%	0	0.0%	1939	100.0%
	r3-t0	1933	100.0%	0	0.0%	1933	100.0%
	r3-t3	1914	100.0%	0	0.0%	1914	100.0%
error T [m]	r0-t2	1953	100.0%	0	0.0%	1953	100.0%
	r0-t3	1939	100.0%	0	0.0%	1939	100.0%
	r3-t0	1933	100.0%	0	0.0%	1933	100.0%
	r3-t3	1914	100.0%	0	0.0%	1914	100.0%
error R	r0-t2	1953	100.0%	0	0.0%	1953	100.0%
	r0-t3	1939	100.0%	0	0.0%	1939	100.0%
	r3-t0	1933	100.0%	0	0.0%	1933	100.0%
	r3-t3	1914	100.0%	0	0.0%	1914	100.0%

Descriptives^{a,b,c}

		Task	Statistic	Std. Error
MT [s]	r0-t2	Mean	2.0113711	.01273438
		95% Confidence Interval for Mean	Lower Bound	1.9863966
			Upper Bound	2.0363455
		5% Trimmed Mean	2.0003888	
		Median	1.9666290	
		Variance	.317	
		Std. Deviation	.56276722	
		Minimum	.61843	
		Maximum	3.81854	
		Range	3.20011	
		Interquartile Range	.75045	
		Skewness	.312	.055
		Kurtosis	-.061	.111
	r0-t3	Mean	2.1593106	.01411594
		95% Confidence Interval for Mean	Lower Bound	2.1316266
			Upper Bound	2.1869947
		5% Trimmed Mean	2.1198472	
		Median	2.0504837	

Descriptives^{a,b,c}

Task		Statistic	Std. Error
	Variance	.386	
	Std. Deviation	.62158231	
	Minimum	.98262	
	Maximum	4.45117	
	Range	3.46855	
	Interquartile Range	.81698	
	Skewness	.926	.056
	Kurtosis	.861	.111
	r3-t0 Mean	2.0208933	.01898024
	95% Confidence Interval for Mean	Lower Bound	1.9836694
		Upper Bound	2.0581172
	5% Trimmed Mean	1.9593420	
	Median	1.8163452	
	Variance	.696	
	Std. Deviation	.83448335	
	Minimum	.68250	
	Maximum	5.00171	
	Range	4.31921	
	Interquartile Range	1.05055	
	Skewness	1.076	.056
	Kurtosis	.811	.111
	r3-t3 Mean	2.9874638	.02418913
	95% Confidence Interval for Mean	Lower Bound	2.9400239
		Upper Bound	3.0349036
	5% Trimmed Mean	2.9179866	
	Median	2.7504654	
	Variance	1.120	
	Std. Deviation	1.05825717	
	Minimum	1.11603	
	Maximum	6.61399	
	Range	5.49796	
	Interquartile Range	1.33436	
	Skewness	.946	.056
	Kurtosis	.618	.112
error T [m]	r0-t2 Mean	.0021302	.00003832

Descriptives^{a,b,c}

Task		Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	.0020550
		Upper Bound	.0022053
	5% Trimmed Mean	.0019493	
	Median	.0016859	
	Variance	.000	
	Std. Deviation	.00169343	
	Minimum	.00002	
	Maximum	.01154	
	Range	.01152	
	Interquartile Range	.00185	
	Skewness	1.914	.055
	Kurtosis	5.098	.111
r0-t3	Mean	.0036624	.00004587
	95% Confidence Interval for Mean	Lower Bound	.0035725
		Upper Bound	.0037524
	5% Trimmed Mean	.0035326	
	Median	.0032522	
	Variance	.000	
	Std. Deviation	.00202002	
	Minimum	.00037	
	Maximum	.01052	
	Range	.01015	
	Interquartile Range	.00260	
	Skewness	.921	.056
	Kurtosis	.527	.111
r3-t3	Mean	.0036895	.00004472
	95% Confidence Interval for Mean	Lower Bound	.0036018
		Upper Bound	.0037772
	5% Trimmed Mean	.0035918	
	Median	.0033674	
	Variance	.000	
	Std. Deviation	.00195649	
	Minimum	.00012	
	Maximum	.01059	
	Range	.01046	

Descriptives^{a,b,c}

Task		Statistic	Std. Error
error R	r3-t0	Interquartile Range	.00274
		Skewness	.056
		Kurtosis	.112
	r3-t0	Mean	2.8970014
		95% Confidence Interval for Mean	
		Lower Bound	2.8040704
		Upper Bound	2.9899325
		5% Trimmed Mean	2.6866284
		Median	2.2261020
		Variance	4.340
		Std. Deviation	2.08332280
		Minimum	.18885
		Maximum	10.84031
		Range	10.65146
		Interquartile Range	2.31146
		Skewness	1.534
		Kurtosis	2.221
	r3-t3	Mean	2.5787603
		95% Confidence Interval for Mean	
		Lower Bound	2.5076237
		Upper Bound	2.6498968
		5% Trimmed Mean	2.4539890
		Median	2.1917674
		Variance	2.518
		Std. Deviation	1.58686812
		Minimum	.24771
		Maximum	8.43625
		Range	8.18854
		Interquartile Range	1.94328
		Skewness	1.183
		Kurtosis	1.238

- 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	1.1496445	1.3373474	1.5999527	1.9666290
		r0-t3	1.3499146	1.4798737	1.6996727	2.0504837
		r3-t0	1.0327436	1.1492729	1.3996124	1.8163452
		r3-t3	1.6330528	1.8010788	2.2165337	2.7504654
	error T [m]	r0-t2	.0003740	.0005580	.0009519	.0016859
		r0-t3	.0010593	.0014128	.0021787	.0032522
		r3-t3	.0010075	.0013772	.0022058	.0033674
	error R	r3-t0	.7758765	1.0016992	1.4316908	2.2261020
		r3-t3	.6950027	.9342362	1.4078699	2.1917674
Tukey's Hinges	MT [s]	r0-t2			1.6000824	1.9666290
		r0-t3			1.6997051	2.0504837
		r3-t0			1.3996124	1.8163452
		r3-t3			2.2165375	2.7504654
	error T [m]	r0-t2			.0009521	.0016859
		r0-t3			.0021794	.0032522
		r3-t3			.0022063	.0033674
	error R	r3-t0			1.4317593	2.2261020
		r3-t3			1.4094542	2.1917674

Percentiles^{a,b,c}

			Percentiles		
		Task	75	90	95
Weighted Average (Definition 1)	MT [s]	r0-t2	2.3504028	2.7670425	3.0347031
		r0-t3	2.5166550	2.9673309	3.3510590
		r3-t0	2.4501629	3.2341309	3.7524902
		r3-t3	3.5508957	4.4673080	5.1014557
	error T [m]	r0-t2	.0028010	.0041749	.0054445
		r0-t3	.0047743	.0065006	.0076144
		r3-t3	.0049454	.0064045	.0073548
	error R	r3-t0	3.7431497	5.7604220	7.3663961
		r3-t3	3.3511469	4.8706201	5.8794076
Tukey's Hinges	MT [s]	r0-t2	2.3503113		
		r0-t3	2.5166435		
		r3-t0	2.4501610		
		r3-t3	3.5508423		
	error T [m]	r0-t2	.0027991		
		r0-t3	.0047738		
		r3-t3	.0049398		
	error R	r3-t0	3.7431363		
		r3-t3	3.3509489		

- error T [m] is constant when Task = r3-t0. It has been omitted.
- error R is constant when Task = r0-t2. It has been omitted.
- 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	5401	7	3.81854
			2	4405	14	3.76734
			3	4671	16	3.68405
			4	5386	6	3.66849
			5	4604	16	3.65347
		Lowest	1	5260	5	.61843
			2	5273	5	.63255
			3	5272	5	.63260
			4	5296	5	.63266
			5	5270	5	.66617
	r0-t3	Highest	1	2305	12	4.45117
			2	3512	7	4.43446
			3	2855	17	4.40390
			4	2749	16	4.40082
			5	3593	7	4.37335
		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	862	16	5.00171
			2	1003	18	4.95201
			3	1207	3	4.92403
			4	847	16	4.91829
			5	7670	0	4.90170
		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	7316	7	6.61399
			2	7314	7	6.60200
			3	6936	3	6.58487
			4	6906	3	6.55231
			5	7329	7	6.53368

Extreme Values^{a,b,c}

Task			Case Number	User Id	Value
error T [m]	r0-t2	Lowest	1	4	1.11603
			2	5	1.19965
			3	5	1.26610
			4	4	1.26611
			5	4	1.28265
	r0-t2	Highest	1	5	.01154
			2	5	.01147
			3	5	.01130
			4	5	.01095
			5	5	.01088
		Lowest	1	7	.00002
			2	16	.00005
			3	8	.00005
			4	19	.00007
			5	9	.00007
	r0-t3	Highest	1	5	.01052
			2	11	.01050
			3	4	.01045
			4	8	.01045
			5	2	.01037
		Lowest	1	0	.00037
			2	14	.00045
			3	13	.00049
			4	17	.00050
			5	18	.00050
	r3-t3	Highest	1	19	.01059
			2	15	.01039
			3	2	.01020
			4	4	.01017
			5	4	.01005
		Lowest	1	14	.00012
			2	17	.00016
			3	10	.00021
			4	16	.00034
			5	18	.00038

Extreme Values^{a,b,c}

Task				Case Number	User Id	Value
error R	r3-t0	Highest	1	1159	19	10.84031
			2	793	15	10.82955
			3	189	2	10.81955
			4	170	2	10.77983
			5	1191	19	10.77500
		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	7162	5	8.43625
			2	5816	2	8.43483
			3	7003	4	8.42549
			4	5881	2	8.41927
			5	7128	5	8.41183
		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
8.00	6 .	38&
17.00	7 .	336899&
16.00	8 .	111389&

9.00	9 .	38&&
23.00	10 .	1134888999&
45.00	11 .	113333334444666889999&
56.00	12 .	11111113333444456666888899&
75.00	13 .	111113333444444456666668888888999&
117.00	14 .	0111111111133333334444444666666666666888888999999999
&		
122.00	15 .	000001111113333333333344444455566666667888888888999999
99		
110.00	16 .	01111111111333333344444455566666667888888888999999&
139.00	17 .	001111111111112233333344444445555666666667778888888888
8999999999		
136.00	18 .	001111111123333333333344444445556666666666778888888888
9999999999		
142.00	19 .	00000111111111111113333333333444444555555566666666688
888888889999&		
136.00	20 .	0001111111111123333333333333444445555556666666677888888
8888888899		
119.00	21 .	000000011111111223333333344455555666666667788888888999
132.00	22 .	00000000011111111133333333344455555555666666666667888
8888888899&		
105.00	23 .	0000000011111112333333334455555566666778888888889
70.00	24 .	000000111123333355555566688888999&
73.00	25 .	000001111113333333335556666778899
59.00	26 .	000011113335555556666678899
57.00	27 .	00001111133334555556666889
44.00	28 .	00111112333555566668&
33.00	29 .	000111333556788&
29.00	30 .	0001133566688&
26.00	31 .	0113566788&
21.00	32 .	01356889&
14.00	33 .	01136&
6.00	34 .	&&&
14.00	Extremes	(>=3.48)

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&
19.00	11 .	6688899&&
29.00	12 .	133334668999&
76.00	13 .	111233333334444444566666888888999999
99.00	14 .	0111123333333334444444566667888888888999999999
129.00	15 .	001111111233333333334444444445666666666668888888999999
999999		
137.00	16 .	0111111111113333333333344444444455666666666688888888888
9999999999&		
147.00	17 .	0011111111111122333333333334444444445555566666666667888
88888888899999999		
133.00	18 .	00001111111133333333344444444455555666666666667888888889
999999999		
120.00	19 .	000001111111123333333334444444455566666666667888888889999
9		
113.00	20 .	001111111112233333333334444444455556666666688888888899&
133.00	21 .	00000000111111112233333333344444555555566666666666666788
88889999		
99.00	22 .	000001111111113333333344555566666666788888888899
106.00	23 .	000000111111233333333334455555556666666678888889
87.00	24 .	00001111112333334455555555566668888888999
78.00	25 .	00000011112333333334455556666678888&
75.00	26 .	0000111223333334555555666666888889&
64.00	27 .	00000111233333555666666666888&
52.00	28 .	0000111233333555566789
44.00	29 .	0000111233355566688&
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&
8.00	37 .	11&
43.00	Extremes	(>=3.77)

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

& denotes fractional leaves.

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

[illegible]

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

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

[illegible]

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


208.00	2 .	00000000000011111111111111222222222222222333333333333
34444444444444		
207.00	2 .	555555555555566666666666666666777777777777777888888888888
88999999999999		
203.00	3 .	000000000000000011111111111111222222222223333333333344
44444444444444		
172.00	3 .	555555555555566666666666777777777777777888888888889999999999
99		
148.00	4 .	000000000000011111111111111122222233333334444444444
113.00	4 .	555555566666666677777778888888888899999
109.00	5 .	000000011112222222333333344444444444
113.00	5 .	55555556666666667777788888888999999999
63.00	6 .	000000111222223333344
57.00	6 .	5555666677778888999
41.00	7 .	00001111223334
27.00	7 .	566678899
20.00	8 .	0013344&
24.00	8 .	55667889
1.00	9 .	&
14.00 Extremes		(>=.0093)

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

& denotes fractional leaves.


```

265.00      2 . 000000000000000011111111111111222222222233333333333333334
4444444444
182.00      2 . 5555555555556666666666777777777888888899999999999
127.00      3 . 0000000111111222222222333333334444
102.00      3 . 555555666667777778888899999
87.00       4 . 000011111122223344444
65.00       4 . 5556667777888999
66.00       5 . 0000111222334444
43.00       5 . 5667778899
21.00       6 . 01223&
33.00       6 . 55677889
10.00       7 . 011
107.00 Extremes    (>=7.2)

```

```

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

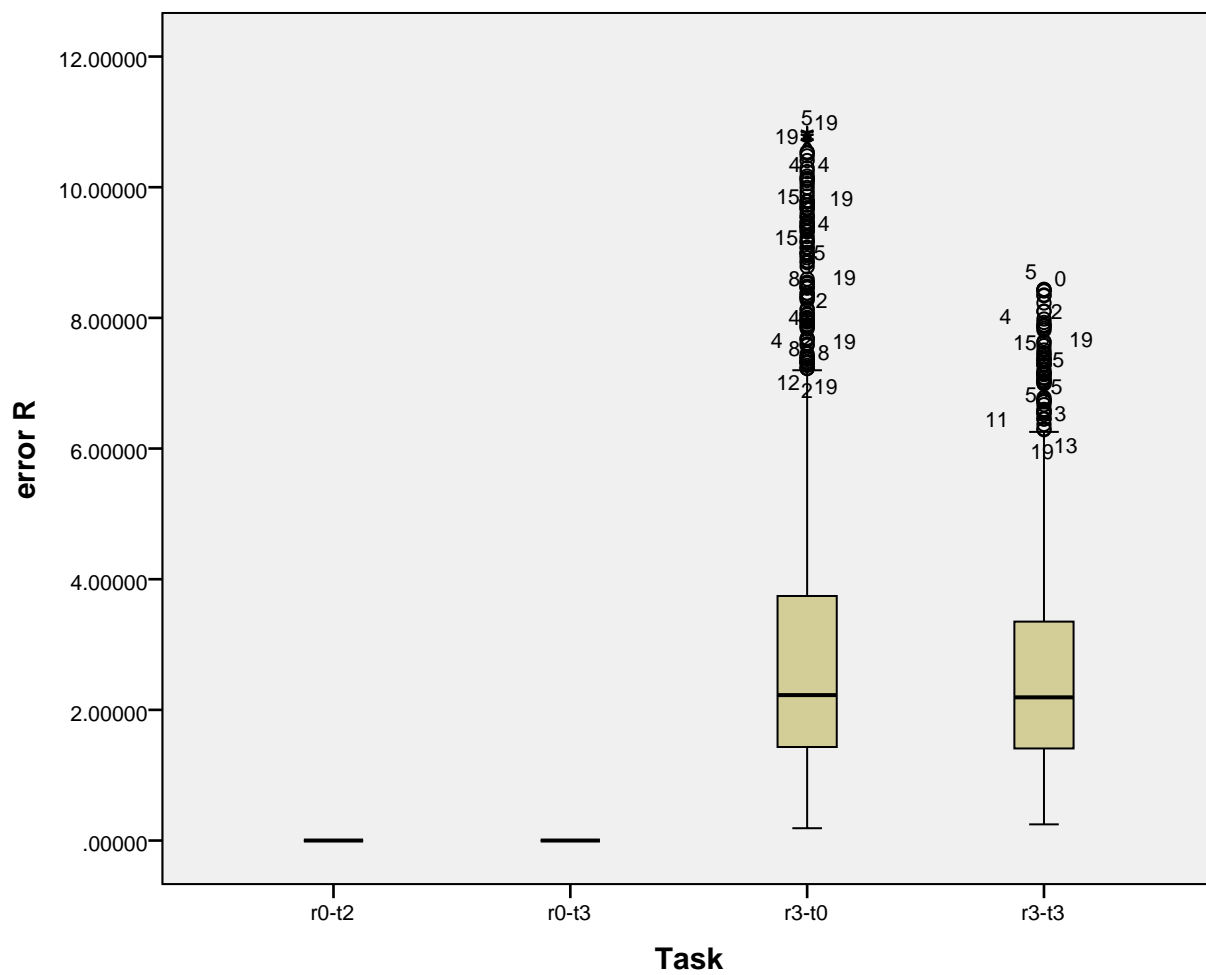
33.00          0 . 22334444
194.00          0 . 555555566666666677777777788888888899999999999999
302.00          1 . 000000000000000001111111111111222222222222222333333333
333333344444444444444444
304.00          1 . 5555555555555555566666666666666777777777777788888888
8888899999999999999999999999999
285.00          2 . 0000000000011111111111111111112222222222223333333333
333444444444444444444444
205.00          2 . 55555555555666666666666777777777788888888899999999
158.00          3 . 000000000111111222222233333333444444444
117.00          3 . 55555566666777777888888899999
81.00          4 . 0000001112222333444
57.00          4 . 5556667778899
47.00          5 . 00011223444
49.00          5 . 555667788999
20.00          6 . 0112

```

62.00 Extremes (≥ 6.3)

Stem width: 1.00000

Each leaf: 4 case(s)



repetition

Case Processing Summary

		Valid		Cases Missing		Total	
	repetition	N	Percent	N	Percent	N	Percent
MT [s]	0	1522	100.0%	0	0.0%	1522	100.0%
	1	1554	100.0%	0	0.0%	1554	100.0%
	2	1558	100.0%	0	0.0%	1558	100.0%
	3	1561	100.0%	0	0.0%	1561	100.0%
	4	1544	100.0%	0	0.0%	1544	100.0%
error T [m]	0	1522	100.0%	0	0.0%	1522	100.0%
	1	1554	100.0%	0	0.0%	1554	100.0%
	2	1558	100.0%	0	0.0%	1558	100.0%
	3	1561	100.0%	0	0.0%	1561	100.0%
	4	1544	100.0%	0	0.0%	1544	100.0%
error R	0	1522	100.0%	0	0.0%	1522	100.0%
	1	1554	100.0%	0	0.0%	1554	100.0%
	2	1558	100.0%	0	0.0%	1558	100.0%
	3	1561	100.0%	0	0.0%	1561	100.0%
	4	1544	100.0%	0	0.0%	1544	100.0%

Descriptives

repetition		Statistic		Std. Error
MT [s]	0	Mean	2.4719794	.02467530
		95% Confidence Interval for Mean	Lower Bound	2.4235782
			Upper Bound	2.5203806
		5% Trimmed Mean	2.3910162	
		Median	2.2502422	
		Variance	.927	
		Std. Deviation	.96265303	
		Minimum	.93259	
		Maximum	6.61399	
		Range	5.68140	
		Interquartile Range	1.11697	
		Skewness	1.374	.063
		Kurtosis	2.317	.125
	1	Mean	2.3260566	.02319278
		95% Confidence Interval for Mean	Lower Bound	2.2805642
			Upper Bound	2.3715491
		5% Trimmed Mean	2.2600752	
		Median	2.1501312	
		Variance	.836	
		Std. Deviation	.91427809	
		Minimum	.69930	
		Maximum	6.58487	
		Range	5.88557	
		Interquartile Range	1.09021	
		Skewness	1.241	.062
		Kurtosis	2.153	.124
	2	Mean	2.2462206	.02187046
		95% Confidence Interval for Mean	Lower Bound	2.2033219
			Upper Bound	2.2891192
		5% Trimmed Mean	2.1796318	
		Median	2.0665016	
		Variance	.745	
		Std. Deviation	.86326011	
		Minimum	.61843	
		Maximum	6.53130	

Descriptives

repetition		Statistic	Std. Error
3	Range	5.91286	
	Interquartile Range	.99820	
	Skewness	1.302	.062
	Kurtosis	2.381	.124
	Mean	2.2479308	.02186517
	95% Confidence Interval for Mean	Lower Bound	2.2050425
		Upper Bound	2.2908190
	5% Trimmed Mean	2.1861840	
	Median	2.0839844	
	Variance	.746	
	Std. Deviation	.86388158	
	Minimum	.63255	
	Maximum	6.43512	
	Range	5.80257	
	Interquartile Range	1.03423	
	Skewness	1.186	.062
	Kurtosis	1.958	.124
4	Mean	2.1721679	.02047480
	95% Confidence Interval for Mean	Lower Bound	2.1320065
		Upper Bound	2.2123292
	5% Trimmed Mean	2.1169630	
	Median	2.0365906	
	Variance	.647	
	Std. Deviation	.80453213	
	Minimum	.63266	
	Maximum	6.30206	
	Range	5.66940	
	Interquartile Range	.96710	
	Skewness	1.181	.062
	Kurtosis	2.264	.124
error T [m] 0	Mean	.0024636	.00005813
	95% Confidence Interval for Mean	Lower Bound	.0023496
		Upper Bound	.0025777
	5% Trimmed Mean	.0022883	
	Median	.0021455	

Descriptives

repetition		Statistic	Std. Error
	Variance	.000	
	Std. Deviation	.00226781	
	Minimum	.00000	
	Maximum	.01050	
	Range	.01050	
	Interquartile Range	.00378	
	Skewness	.875	.063
	Kurtosis	.314	.125
1	Mean	.0023889	.00005767
	95% Confidence Interval for Mean	Lower Bound	.0022758
		Upper Bound	.0025020
	5% Trimmed Mean	.0021999	
	Median	.0019422	
	Variance	.000	
	Std. Deviation	.00227338	
	Minimum	.00000	
	Maximum	.01130	
	Range	.01130	
	Interquartile Range	.00370	
	Skewness	.974	.062
	Kurtosis	.502	.124
2	Mean	.0023499	.00005728
	95% Confidence Interval for Mean	Lower Bound	.0022376
		Upper Bound	.0024623
	5% Trimmed Mean	.0021570	
	Median	.0018649	
	Variance	.000	
	Std. Deviation	.00226095	
	Minimum	.00000	
	Maximum	.01154	
	Range	.01154	
	Interquartile Range	.00363	
	Skewness	1.027	.062
	Kurtosis	.724	.124
3	Mean	.0023244	.00005546

Descriptives

repetition		Statistic	Std. Error
	95% Confidence Interval for Mean	Lower Bound	.0022156
		Upper Bound	.0024332
	5% Trimmed Mean	.0021467	
	Median	.0019327	
	Variance	.000	
	Std. Deviation	.00219135	
	Minimum	.00000	
	Maximum	.01088	
	Range	.01088	
	Interquartile Range	.00353	
	Skewness	.960	.062
	Kurtosis	.535	.124
4	Mean	.0023133	.00005439
	95% Confidence Interval for Mean	Lower Bound	.0022066
		Upper Bound	.0024200
	5% Trimmed Mean	.0021403	
	Median	.0020466	
	Variance	.000	
	Std. Deviation	.00213719	
	Minimum	.00000	
	Maximum	.01033	
	Range	.01033	
	Interquartile Range	.00349	
	Skewness	.919	.062
	Kurtosis	.540	.124
error R	0	Mean	1.3593255
		95% Confidence Interval for Mean	Lower Bound
			Upper Bound
		5% Trimmed Mean	1.1407032
		Median	.0000000
		Variance	3.394
		Std. Deviation	1.84234396
		Minimum	.00000
		Maximum	9.79422
		Range	9.79422

Descriptives

repetition		Statistic	Std. Error
1	Interquartile Range	2.21870	
	Skewness	1.577	.063
	Kurtosis	2.372	.125
	Mean	1.3314066	.04764787
	95% Confidence Interval for Mean	Lower Bound	1.2379457
		Upper Bound	1.4248676
	5% Trimmed Mean	1.0921020	
	Median	.0000000	
	Variance	3.528	
	Std. Deviation	1.87831751	
	Minimum	.00000	
	Maximum	10.29248	
	Range	10.29248	
	Interquartile Range	2.16050	
	Skewness	1.774	.062
	Kurtosis	3.332	.124
2	Mean	1.3652205	.04859142
	95% Confidence Interval for Mean	Lower Bound	1.2699090
		Upper Bound	1.4605320
	5% Trimmed Mean	1.1208594	
	Median	.0000000	
	Variance	3.679	
	Std. Deviation	1.91797658	
	Minimum	.00000	
	Maximum	10.84031	
	Range	10.84031	
	Interquartile Range	2.18626	
	Skewness	1.824	.062
	Kurtosis	3.802	.124
3	Mean	1.3882795	.04971171
	95% Confidence Interval for Mean	Lower Bound	1.2907706
		Upper Bound	1.4857883
	5% Trimmed Mean	1.1354337	
	Median	.0000000	
	Variance	3.858	

Descriptives

repetition		Statistic	Std. Error
4	Std. Deviation	1.96408428	
	Minimum	.00000	
	Maximum	10.77983	
	Range	10.77983	
	Interquartile Range	2.20279	
	Skewness	1.834	.062
	Kurtosis	3.690	.124
	Mean	1.3624571	.04770093
	95% Confidence Interval for Mean	Lower Bound	1.2688916
		Upper Bound	1.4560226
	5% Trimmed Mean	1.1339868	
	Median	.0000000	
	Variance	3.513	
	Std. Deviation	1.87434910	
	Minimum	.00000	
	Maximum	10.82955	
	Range	10.82955	
	Interquartile Range	2.24537	
	Skewness	1.750	.062
	Kurtosis	3.588	.124

Percentiles

		Percentiles			
		repetition	5	10	25
Weighted Average (Definition 1)	MT [s]	0	1.3356997	1.4997910	1.7996750
		1	1.1995850	1.3502235	1.6829033
		2	1.1663155	1.3498505	1.6661644
		3	1.1994339	1.3483124	1.6328506
		4	1.1012039	1.2995605	1.5997467
	error T [m]	0	.0000000	.0000000	.0000613
		1	.0000000	.0000000	.0000824
		2	.0000000	.0000000	.0000000
		3	.0000000	.0000000	.0000000
		4	.0000000	.0000000	.0001297
	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			1.7996826
		1			1.6829071
		2			1.6661682
		3			1.6328583
		4			1.5997620
	error T [m]	0			.0000818
		1			.0000917
		2			.0000000
		3			.0000000
		4			.0001367
	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	2.2502422	2.9166460	3.7522388
		1	2.1501312	2.7731094	3.5645752
		2	2.0665016	2.6643600	3.3010391
		3	2.0839844	2.6670761	3.3971558
		4	2.0365906	2.5668488	3.1738739
	error T [m]	0	.0021455	.0038450	.0057155
		1	.0019422	.0037855	.0055898
		2	.0018649	.0036263	.0056441
		3	.0019327	.0035275	.0055532
		4	.0020466	.0036163	.0052229
	error R	0	.0000000	2.2187036	3.9447476
		1	.0000000	2.1604953	3.9559430
		2	.0000000	2.1862564	3.9005463
		3	.0000000	2.2027918	3.9925232
		4	.0000000	2.2453702	3.8942643
Tukey's Hinges	MT [s]	0	2.2502422	2.9166183	
		1	2.1501312	2.7703323	
		2	2.0665016	2.6636658	
		3	2.0839844	2.6670227	
		4	2.0365906	2.5668335	
	error T [m]	0	.0021455	.0038430	
		1	.0019422	.0037853	
		2	.0018649	.0036249	
		3	.0019327	.0035261	
		4	.0020466	.0036152	
	error R	0	.0000000	2.2179433	
		1	.0000000	2.1594643	
		2	.0000000	2.1850239	
		3	.0000000	2.2017462	
		4	.0000000	2.2445231	

Percentiles

		Percentiles
		95
Weighted Average (Definition 1)	MT [s]	repetition
		0
		1
		2
		3
		4
	error T [m]	0
		1
		2
		3
		4
	error R	0
		1
		2
		3
		4
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

				Case Number	User Id	Value
MT [s]	repetition					
0	Highest	1	7316	7	6.61399	
		2	7314	7	6.60200	
		3	6906	3	6.55231	
		4	6901	3	6.43626	
		5	6913	3	6.35673	
		Lowest	1	116	2	.93259
			2	1416	5	.93268
			3	114	2	.93271
			4	118	2	.96603
			5	104	2	.96607
	1	Highest	1	6936	3	6.58487
			2	7329	7	6.53368
			3	6923	3	6.48134
			4	6925	3	6.38538
			5	6928	3	6.13799
		Lowest	1	1438	5	.69930
			2	1439	5	.71600
			3	5240	5	.73251
			4	1437	5	.73270
			5	1436	5	.74929
2	Highest	1	7946	0	6.53130	
		2	7344	7	6.20410	
		3	7353	7	5.98782	
		4	6949	3	5.74426	
		5	6959	3	5.68616	
	Lowest	1	5260	5	.61843	
		2	5259	5	.69917	
		3	5255	5	.71584	
		4	1444	5	.74923	
		5	1452	5	.76590	
3	Highest	1	7376	7	6.43512	
		2	6963	3	6.25208	
		3	6175	12	6.12538	
		4	6578	16	6.00574	
		5	6980	3	5.97168	

Extreme Values

repetition			Case Number	User Id	Value
	Lowest	1	5273	5	.63255
		2	5272	5	.63260
		3	5270	5	.66617
		4	5269	5	.68259
		5	5267	5	.73280
	4 Highest	1	7397	7	6.30206
		2	7393	7	6.07666
		3	7982	0	5.83463
		4	7389	7	5.80347
		5	7398	7	5.80212
	Lowest	1	5296	5	.63266
		2	1496	5	.68250
		3	5293	5	.68256
		4	1486	5	.69920
		5	5288	5	.73265
error T [m]	0 Highest	1	2202	11	.01050
		2	3607	8	.01045
		3	4001	10	.01041
		4	2011	2	.01037
		5	3205	4	.01006
	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	5223	5	.01130
		2	5226	5	.01095
		3	4530	15	.01078
		4	3240	4	.01045
		5	1927	1	.01018
	Lowest	1	7640	0	.00000
		2	7639	0	.00000

Extreme Values

repetition		Case Number	User Id	Value		
2	Highest	3	7638	0	.00000	
		4	7637	0	.00000	
		5	7636	0	.00000 ^a	
	Highest	1	5254	5	.01154	
		2	5251	5	.01147	
		3	3356	5	.01052	
		4	6448	15	.01039	
		5	3653	8	.01025	
		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	5263	5	.01088
			2	6872	19	.01059
			3	2664	15	.00988
			4	2372	12	.00985
			5	3380	5	.00984
		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	5296	5	.01033	
		2	5893	2	.01020	
		3	2788	16	.01019	
		4	3689	8	.00975	
		5	7192	5	.00975	
	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	7613	0	9.79422
			2	1309	4	9.72837
			3	1415	5	9.31719
			4	717	15	9.24396
			5	1403	5	9.14921
		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	724	15	10.29248
			2	728	15	10.17047
			3	132	2	10.12854
			4	1136	19	9.78748
			5	736	15	9.68345
		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	1159	19	10.84031	
		2	1345	4	10.71254	
		3	1449	5	10.69913	
		4	1741	8	10.54056	
		5	1247	3	10.47957	
	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	170	2	10.77983	
		2	1178	19	10.69200	

repetition		Case Number	User Id	Value		
4	Lowest	3	1174	19	10.23868	
		4	1378	4	10.10179	
		5	1180	19	10.05593	
		1	7880	0	.00000	
		2	7879	0	.00000	
		3	7878	0	.00000	
		4	7877	0	.00000	
		5	7876	0	.00000 ^a	
		Highest	1	793	15	10.82955
			2	189	2	10.81955
	3		1191	19	10.77500	
	4		1497	5	10.51955	
	5		181	2	10.40787	
	Lowest	1	7900	0	.00000	
		2	7899	0	.00000	
		3	7898	0	.00000	
		4	7897	0	.00000	
		5	7896	0	.00000 ^a	

MT [s]

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

Page 37


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

[illegible]

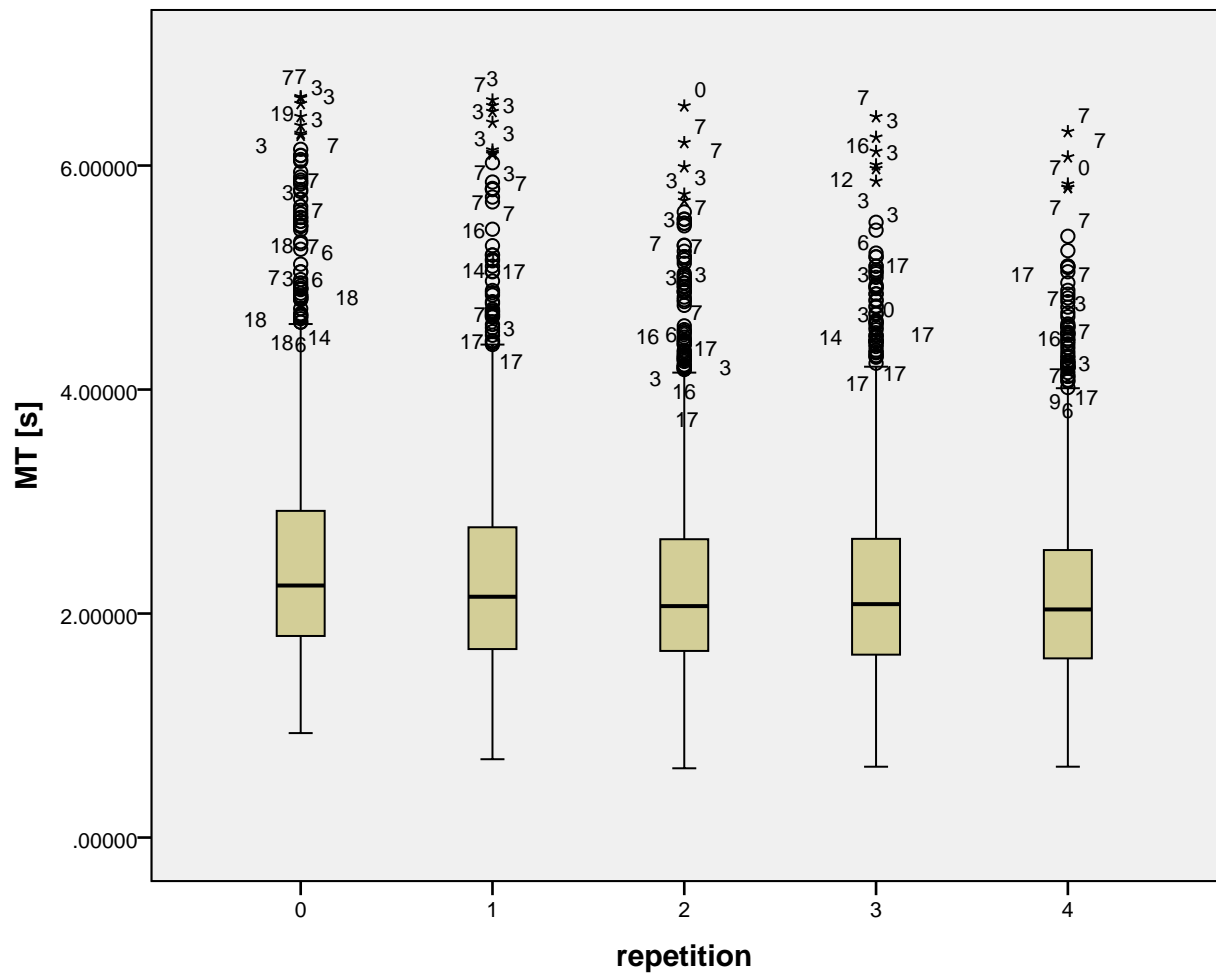

```
Stem width:  1.00000
Each leaf:    2 case(s)
```

[illegible]

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

& denotes fractional leaves.

Boxplots



error T [m]

Stem-and-Leaf Plots

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

Frequency Stem & Leaf


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

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

Page 44

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

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

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

& denotes fractional leaves.

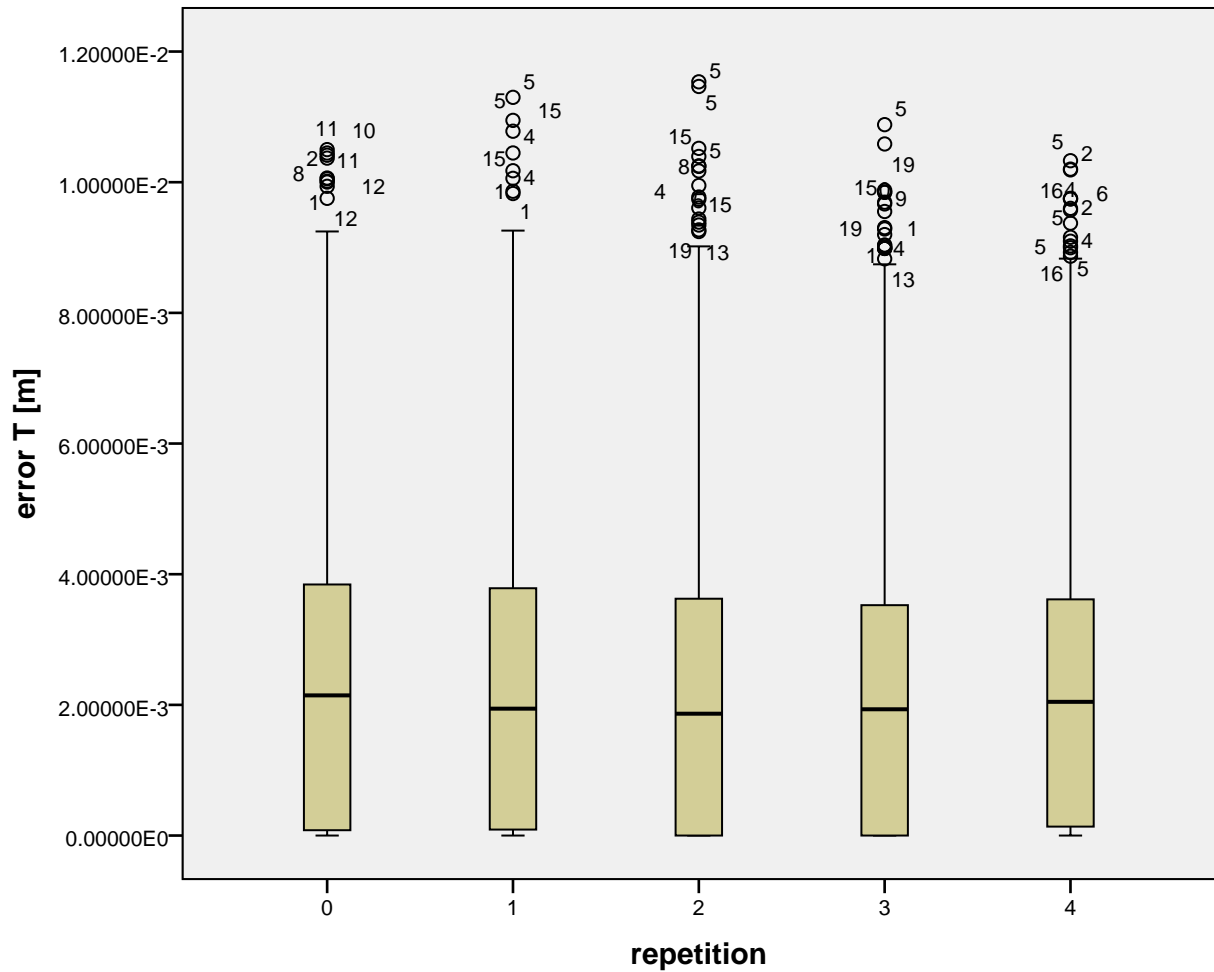
error T [m] Stem-and-Leaf Plot for
repetition= 4

[illegible]

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

& denotes fractional leaves.

Boxplots



error R

Stem-and-Leaf Plots

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

[illegible]

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

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

Page 48


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

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

Page 49

56.00	1 .	0000111
43.00	1 .	22333
56.00	1 .	4445555
55.00	1 .	6666777
45.00	1 .	888999
51.00	2 .	000111
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
20.00	3 .	677
24.00	3 .	889
17.00	4 .	01
8.00	4 .	&
11.00	4 .	4&
12.00	4 .	6&
8.00	4 .	8&
8.00	5 .	1&
4.00	5 .	&
2.00	5 .	&
76.00	Extremes	(>=5.5)

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

& denotes fractional leaves.

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

[illegible]

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

```
error R Stem-and-Leaf Plot for
repetition= 4
```

Page 51

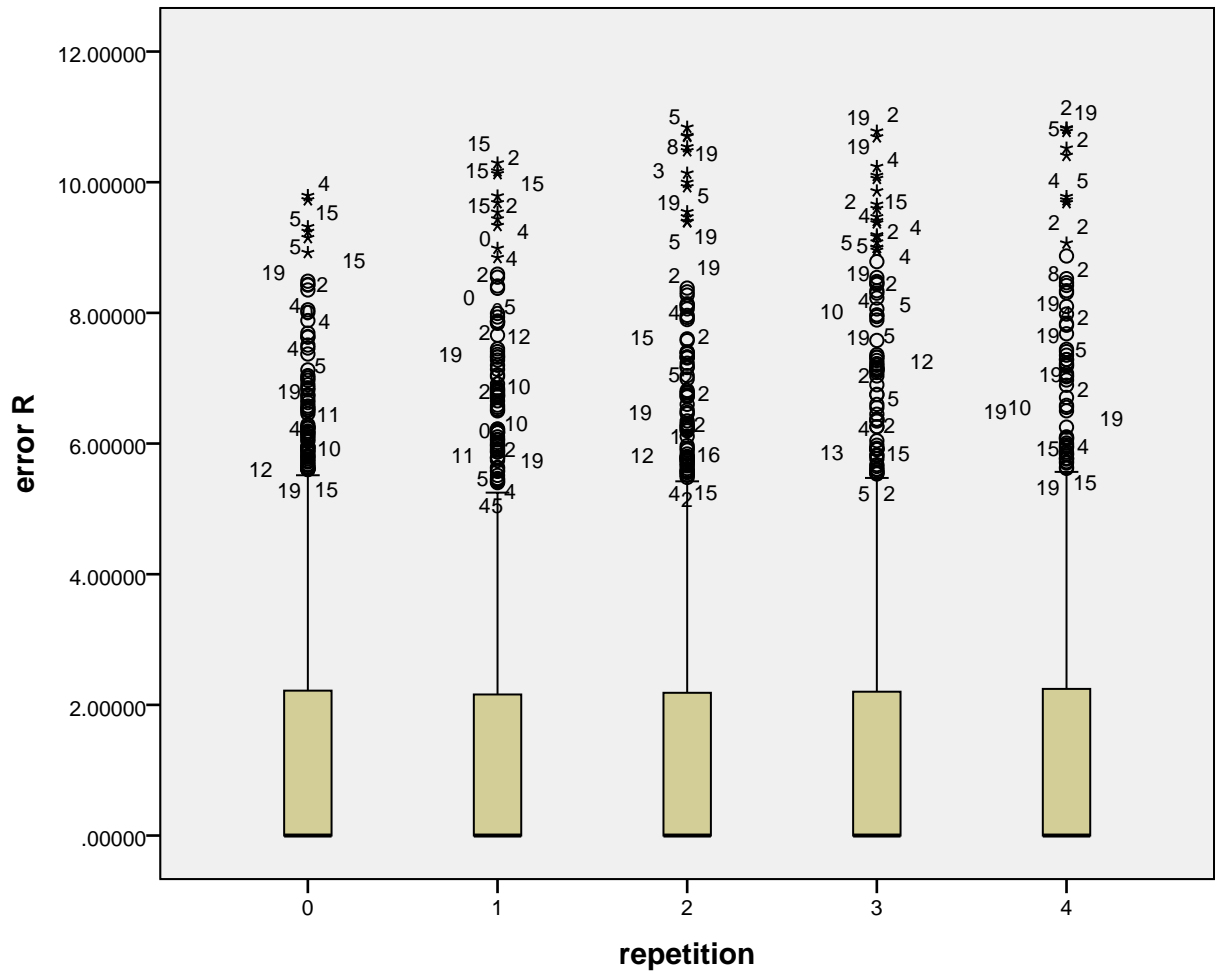
30.00	0 .	6677
32.00	0 .	8899
43.00	1 .	00011
52.00	1 .	222333
44.00	1 .	444555
54.00	1 .	6666777
49.00	1 .	888999
51.00	2 .	001111
46.00	2 .	22233
39.00	2 .	4455
36.00	2 .	6677
32.00	2 .	8899
23.00	3 .	001
22.00	3 .	223
17.00	3 .	45
19.00	3 .	67
16.00	3 .	89
16.00	4 .	01
11.00	4 .	2&
13.00	4 .	45
10.00	4 .	6&
7.00	4 .	&
13.00	5 .	01
10.00	5 .	23
11.00	5 .	4&
56.00	Extremes	(>=5.6)

Stem width: 1.00000

Each leaf: 8 case(s)

& denotes fractional leaves.

Boxplots



targetSide

Case Processing Summary

		Valid		Cases Missing		Total	
	targetSide	N	Percent	N	Percent	N	Percent
MT [s]	L	3891	100.0%	0	0.0%	3891	100.0%
	R	3848	100.0%	0	0.0%	3848	100.0%
error T [m]	L	3891	100.0%	0	0.0%	3891	100.0%
	R	3848	100.0%	0	0.0%	3848	100.0%
error R	L	3891	100.0%	0	0.0%	3891	100.0%
	R	3848	100.0%	0	0.0%	3848	100.0%

Descriptives

targetSide		Statistic		Std. Error
MT [s]	L	Mean	2.2697448	.01425145
		95% Confidence Interval for Mean	Lower Bound	2.2418038
			Upper Bound	2.2976859
		5% Trimmed Mean	2.2010542	
		Median	2.0844879	
		Variance	.790	
		Std. Deviation	.88897528	
		Minimum	.61843	
		Maximum	6.61399	
		Range	5.99556	
		Interquartile Range	1.01379	
		Skewness	1.332	.039
		Kurtosis	2.567	.078
	R	Mean	2.3149496	.01431240
		95% Confidence Interval for Mean	Lower Bound	2.2868890
			Upper Bound	2.3430103
		5% Trimmed Mean	2.2492542	
		Median	2.1393967	
		Variance	.788	
		Std. Deviation	.88783065	
		Minimum	.63255	
		Maximum	6.53368	
		Range	5.90112	
		Interquartile Range	1.05277	
		Skewness	1.249	.039
		Kurtosis	2.175	.079
error T [m]	L	Mean	.0023531	.00003580
		95% Confidence Interval for Mean	Lower Bound	.0022830
			Upper Bound	.0024233
		5% Trimmed Mean	.0021647	
		Median	.0019512	
		Variance	.000	
		Std. Deviation	.00223296	
		Minimum	.00000	
		Maximum	.01154	

Descriptives

targetSide			Statistic	Std. Error
	R	Range	.01154	
		Interquartile Range	.00364	
		Skewness	.992	.039
		Kurtosis	.640	.078
		Mean	.0023824	.00003580
		95% Confidence Interval for Mean	Lower Bound	.0023122
			Upper Bound	.0024526
		5% Trimmed Mean	.0022059	
		Median	.0020124	
		Variance	.000	
		Std. Deviation	.00222073	
		Minimum	.00000	
		Maximum	.01147	
		Range	.01147	
		Interquartile Range	.00353	
		Skewness	.916	.039
		Kurtosis	.416	.079
error R	L	Mean	1.3200775	.02959971
		95% Confidence Interval for Mean	Lower Bound	1.2620450
			Upper Bound	1.3781099
		5% Trimmed Mean	1.0854207	
		Median	.0000000	
		Variance	3.409	
		Std. Deviation	1.84636721	
		Minimum	.00000	
		Maximum	10.77983	
		Range	10.77983	
		Interquartile Range	2.15538	
		Skewness	1.809	.039
		Kurtosis	3.694	.078
	R	Mean	1.4031262	.03133605
		95% Confidence Interval for Mean	Lower Bound	1.3416893
			Upper Bound	1.4645630
		5% Trimmed Mean	1.1647652	
		Median	.0000000	

Descriptives

targetSide		Statistic	Std. Error
	Variance	3.779	
	Std. Deviation	1.94384565	
	Minimum	.00000	
	Maximum	10.84031	
	Range	10.84031	
	Interquartile Range	2.28658	
	Skewness	1.708	.039
	Kurtosis	3.123	.079

Percentiles

			Percentiles		
		targetSide	5	10	25
Weighted Average (Definition 1)	MT [s]	L	1.1829620	1.3495056	1.6663055
		R	1.2163002	1.3829262	1.6940873
	error T [m]	L	.0000000	.0000000	.0000000
		R	.0000000	.0000000	.0001217
	error R	L	.0000000	.0000000	.0000000
		R	.0000000	.0000000	.0000000
Tukey's Hinges	MT [s]	L			1.6663055
		R			1.6946788
	error T [m]	L			.0000000
		R			.0001220
	error R	L			.0000000
		R			.0000000

Percentiles

			Percentiles		
		targetSide	50	75	90
Weighted Average (Definition 1)	MT [s]	L	2.0844879	2.6800957	3.4174866
		R	2.1393967	2.7468567	3.4847900
	error T [m]	L	.0019512	.0036443	.0055317
		R	.0020124	.0036524	.0056150
	error R	L	.0000000	2.1553808	3.7961239
		R	.0000000	2.2865839	4.0754518
Tukey's Hinges	MT [s]	L	2.0844879	2.6794033	
		R	2.1393967	2.7434387	
	error T [m]	L	.0019512	.0036400	
		R	.0020124	.0036523	
	error R	L	.0000000	2.1540206	
		R	.0000000	2.2861277	

Percentiles

			Percentiles
		targetSide	95
Weighted Average (Definition 1)	MT [s]	L	4.0508163
		R	4.0567373
	error T [m]	L	.0067091
		R	.0066836
	error R	L	5.1259039
		R	5.4316093
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	7316	7	6.61399
			2	7314	7	6.60200
			3	6936	3	6.58487
			4	6906	3	6.55231
			5	7946	0	6.53130
		Lowest	1	5260	5	.61843
			2	5272	5	.63260
			3	5296	5	.63266
			4	5270	5	.66617
			5	1496	5	.68250
	R	Highest	1	7329	7	6.53368
			2	6923	3	6.48134
			3	6901	3	6.43626
			4	6925	3	6.38538
			5	6913	3	6.35673
		Lowest	1	5273	5	.63255
			2	5293	5	.68256
			3	5269	5	.68259
			4	5259	5	.69917
			5	5255	5	.71584
error T [m]	L	Highest	1	5254	5	.01154
			2	5226	5	.01095
			3	4530	15	.01078
			4	6872	19	.01059
			5	3356	5	.01052
		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	5251	5	.01147
			2	5223	5	.01130
			3	5263	5	.01088
			4	3607	8	.01045
			5	4001	10	.01041

Extreme Values

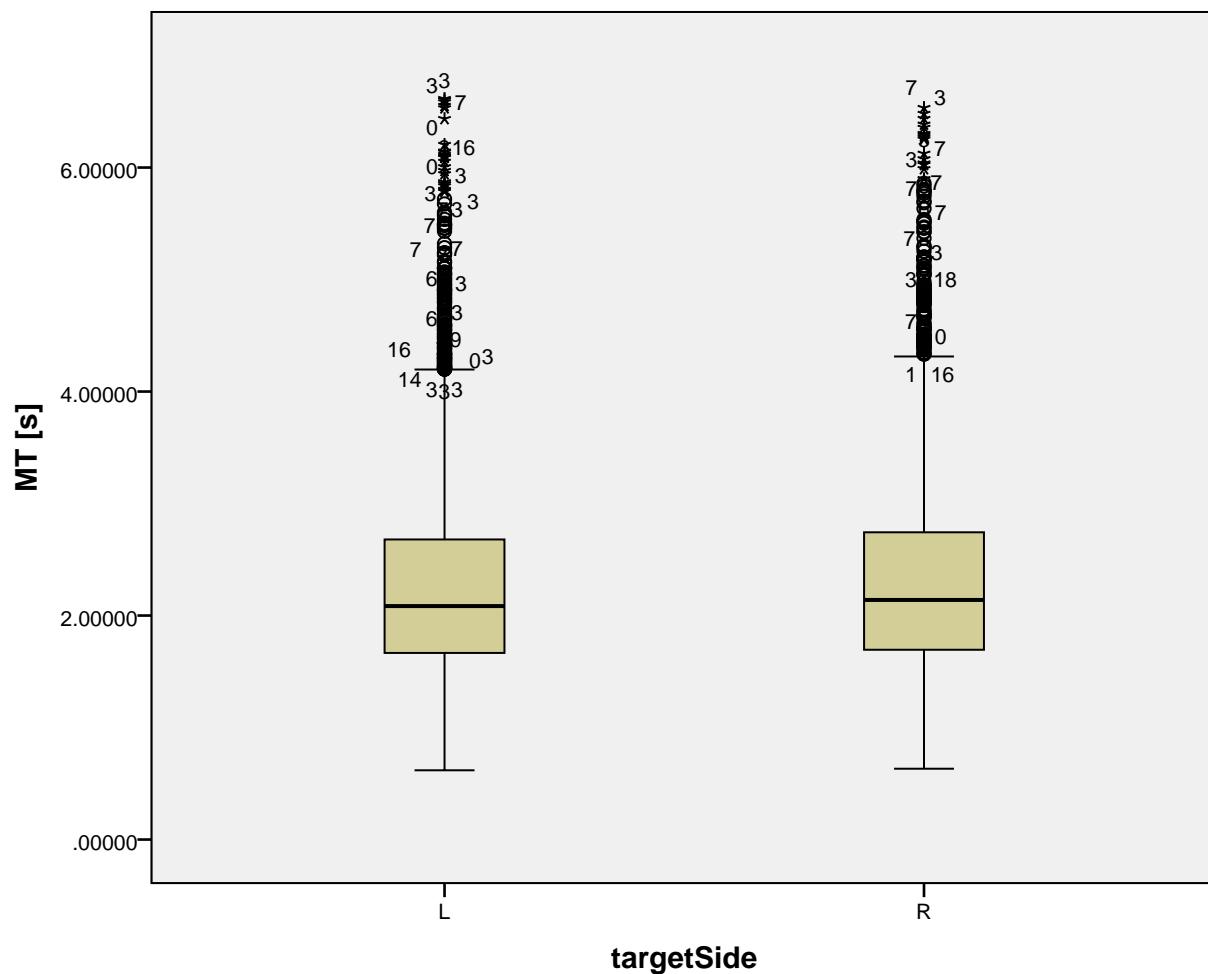
targetSide			Case Number	User Id	Value		
error R	L	Lowest	1	7699	0	.00000	
			2	7697	0	.00000	
			3	7695	0	.00000	
			4	7693	0	.00000	
			5	7691	0	.00000 ^a	
	R	Highest	1	170	2	10.77983	
			2	1178	19	10.69200	
			3	724	15	10.29248	
			4	1174	19	10.23868	
			5	728	15	10.17047	
		Lowest	1	7900	0	.00000	
			2	7898	0	.00000	
			3	7896	0	.00000	
			4	7894	0	.00000	
			5	7892	0	.00000 ^a	
		L	Highest	1	1159	19	10.84031
				2	793	15	10.82955
				3	189	2	10.81955
				4	1191	19	10.77500
				5	1345	4	10.71254
			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



error T [m]

Stem-and-Leaf Plots

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

[illegible]

```
Stem width:      .00100
Each leaf:       11 case(s)
```

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

Page 63

```

49.00      7 .  01234
28.00      7 .  589&
22.00      8 .  3&
19.00      8 .  6&
35.00 Extremes    (>=.0090)

```

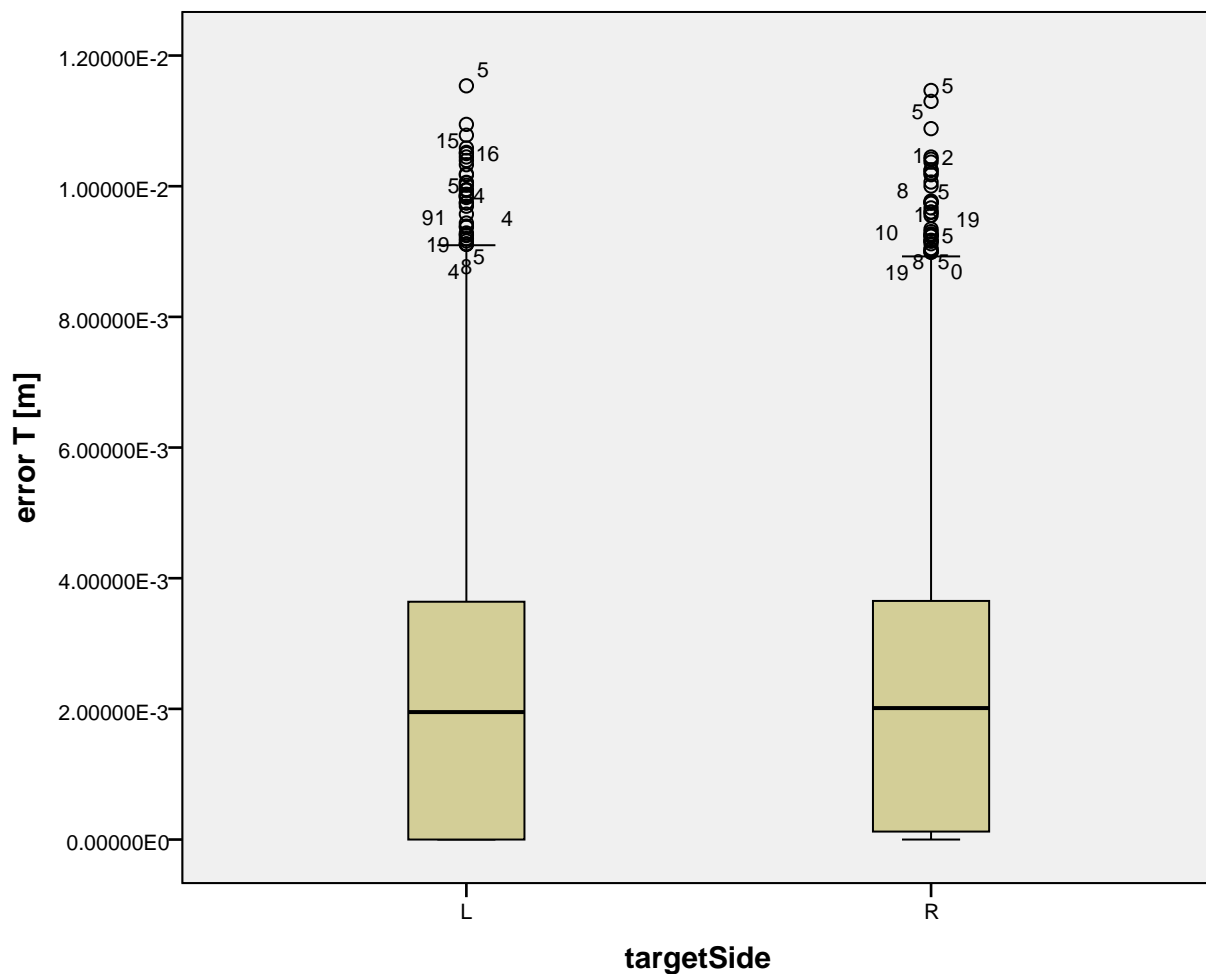
```

Stem width:    .00100
Each leaf:      11 case(s)

```

& denotes fractional leaves.

Boxplots



error R


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

[illegible]

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

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

& denotes fractional leaves.

Boxplots

