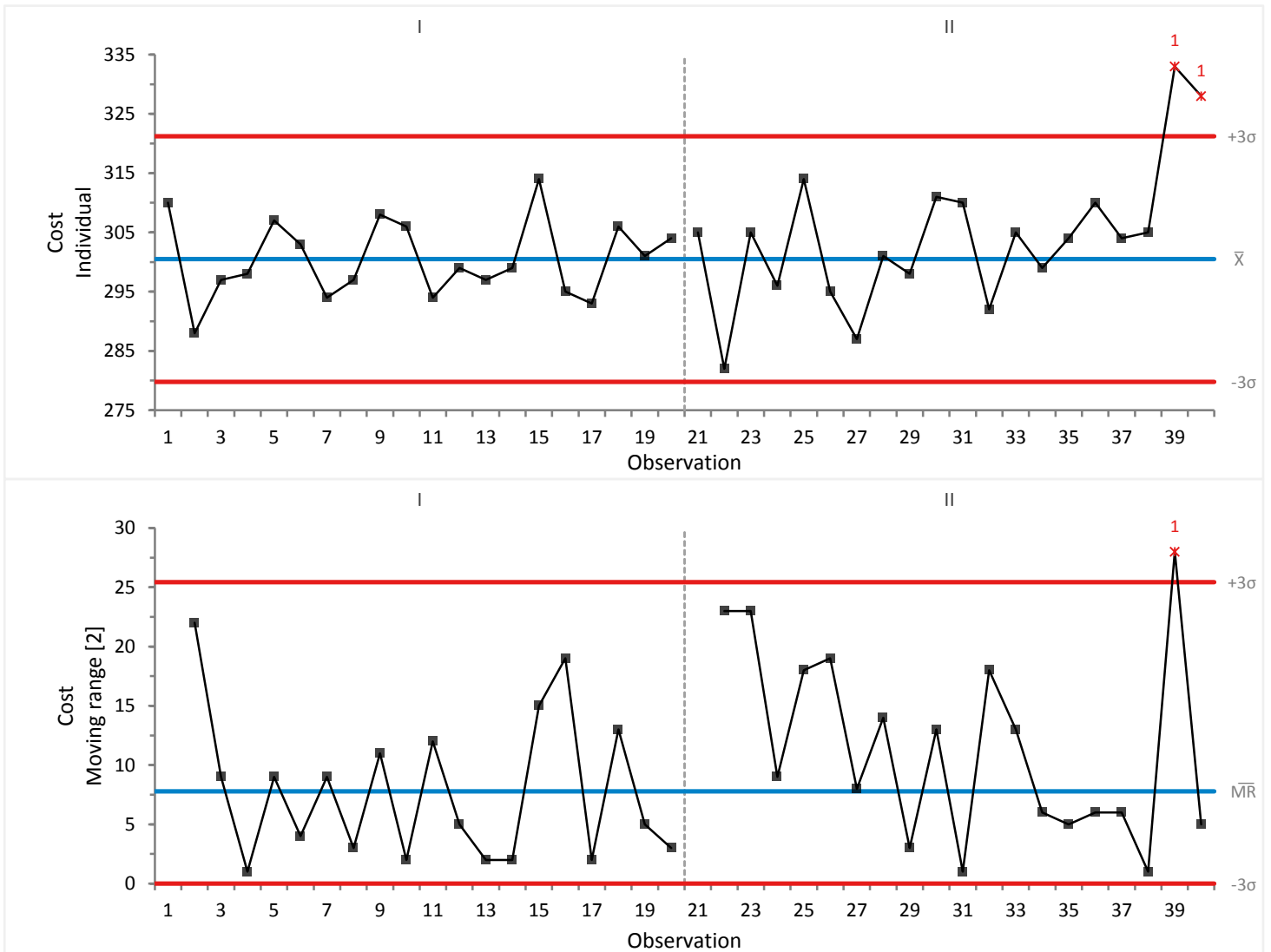


Control



Out-of-control signals

Phase	Observation	Statistic	Value	Broken rule
II	39	Moving range	28	1
II	39	Individual	333	1
II	40	Individual	328	1

1: 1 point is outside the control limits.

Process parameters

Cost by Phase	Mean	Sigma
I	300.5 ¹	6.9 ²
II	300.5 ¹	6.9 ²

¹ Mean known.

² Sigma known.

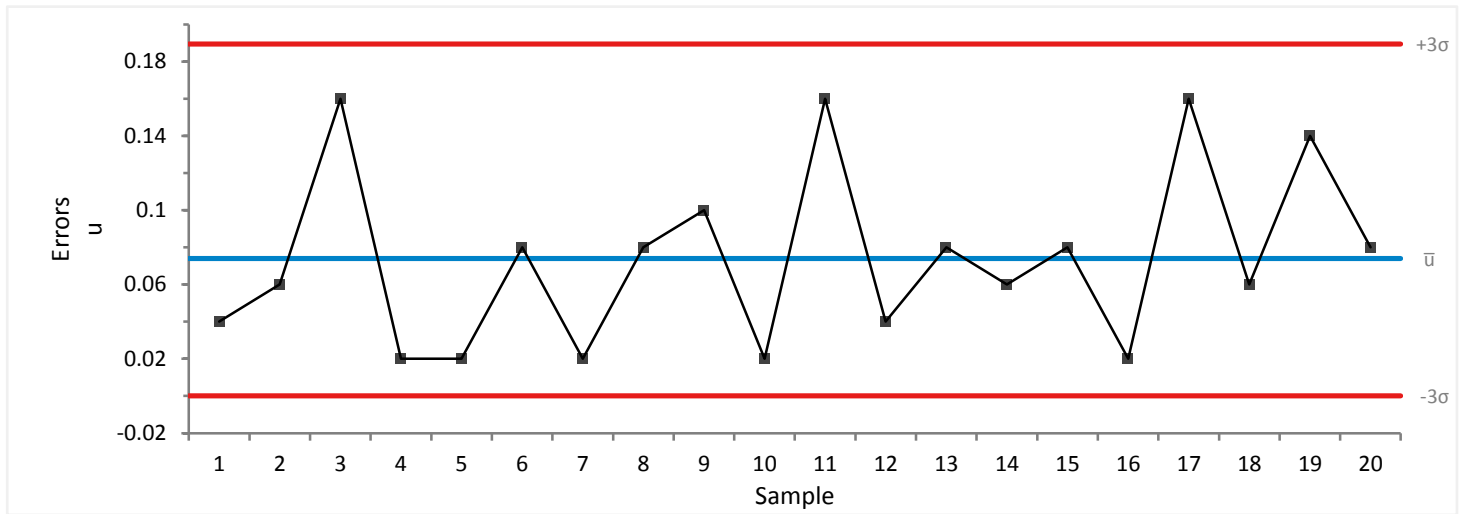
Loan processing costs (from Montgomery page 268)

Last updated 2 February 2016 at 8:08 by Analyse-it Software, Ltd.

Process control statistics

Statistic	Phase	Sample size	Centre	± 3 -sigma limits
Individual	I	1	300.5	279.8 to 321.2
Individual	II	1	300.5	279.8 to 321.2
Moving range	I	2	7.8	0.0 to 25.4
Moving range	II	2	7.8	0.0 to 25.4

Control



Process parameters

	Mean
Errors	0.0740

Process control statistics

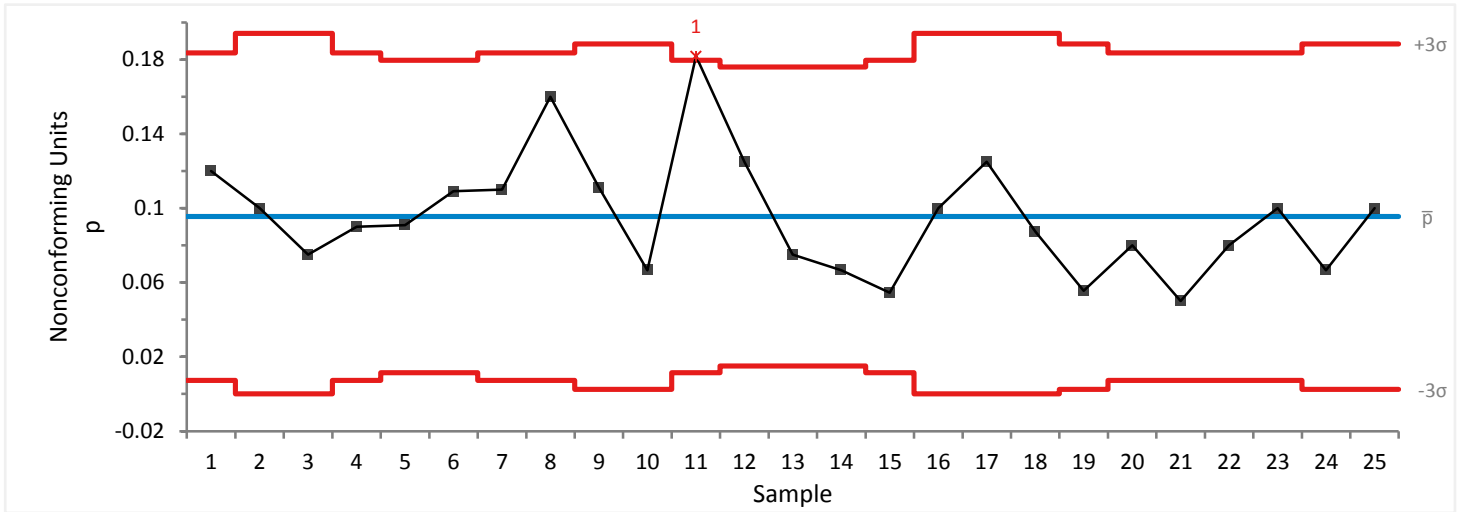
Statistic	Sample size	Centre	±3-sigma limits
u	50	0.0740	0.0000 to 0.1894

Process Control: Nonconforming Units

Purchase order data (from Montgomery page 311)

Last updated 2 February 2016 at 8:11 by Analyse-it Software, Ltd.

Control



Out-of-control signals

Sample	Statistic	Value	Broken rule
11	p	0.182	1

1: 1 point is outside the control limits.

Process parameters

	Proportion
Nonconforming Units	0.0955

Process control statistics

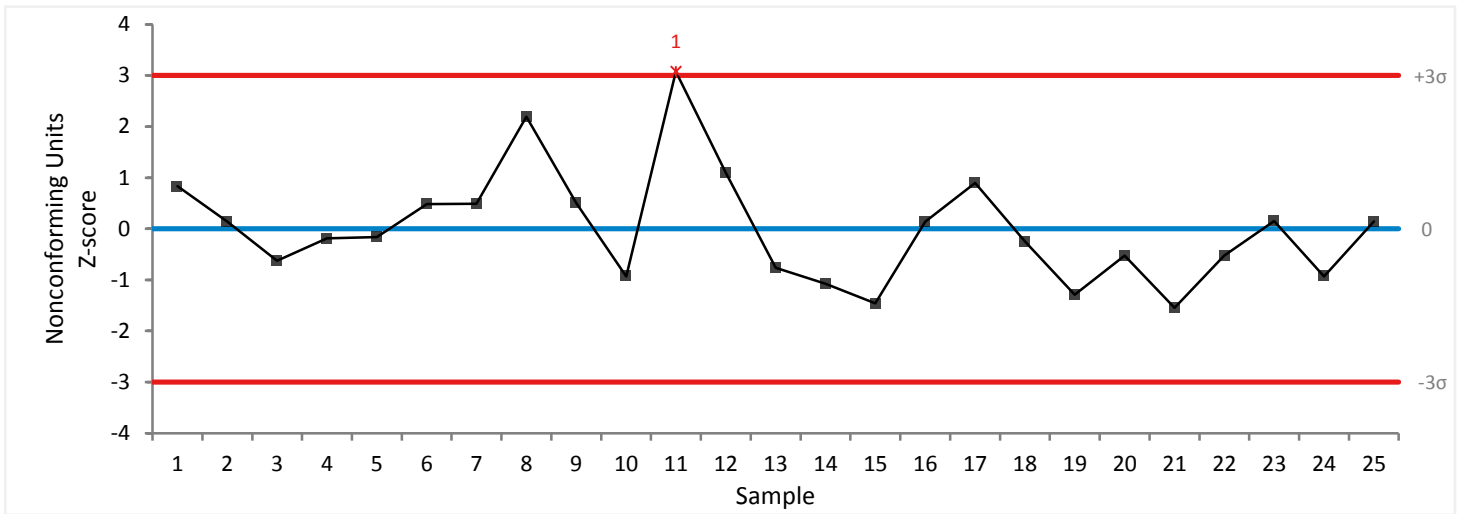
Statistic	Sample size	Centre	± 3 -sigma limits
p	80	0.0955	0.0000 to 0.1941
p	90	0.0955	0.0026 to 0.1885
p	100	0.0955	0.0073 to 0.1837
p	110	0.0955	0.0114 to 0.1796
p	120	0.0955	0.0150 to 0.1760

Process Control: Nonconforming Units

Purchase order data (from Montgomery page 311)

Last updated 2 February 2016 at 8:11 by Analyse-it Software, Ltd.

Control



Out-of-control signals

Sample	Statistic	Value	Broken rule
11	Z-score	3.080	1

1: 1 point is outside the control limits.

Process parameters

	Proportion
Nonconforming Units	0.0955

Process control statistics

Statistic	Sample size	Centre	± 3 -sigma limits
Z-score	-	0.0000	-3.0000 to 3.0000