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LAMPIRAN

Lampiran 1 Tabel faktor penyesuaian menurut *westnghouse*

FAKTOR	KELAS	LAMBANG	PENYESUAIAN
<i>Skill</i>	<i>Super Skill</i>	A1	+0,15
		A2	+0,13
	<i>Excellent</i>	B1	+0,11
		B2	+0,08
	<i>Good</i>	C1	+0,06
		C2	+0,03
	<i>Average</i>	D	0,00
	<i>Fair</i>	E1	-0,05
		E2	-0,10
	Poor	F1	-0,16
F2		-0,22	
<i>Effort</i>	Excessive	A1	+0,13
		A2	+0,12
	Excellent	B1	+0,10
		B2	+0,08
	<i>Good</i>	C1	+0,05
		C2	+0,02
	<i>Average</i>	D	0,00
	<i>Fair</i>	E1	-0,04
		E2	-0,08
	Poor	F1	-0,12
F2		-0,17	
<i>Condition</i>	Ideal	A	+0,06
	Excellent	B	+0,04
	<i>Good</i>	C	+0,02
	<i>Average</i>	D	0,00
	<i>Fair</i>	E	-0,03
	Poor	F	-0,07
<i>Consistency</i>	Perfect	A	+0,04
	Excellent	B	+0,03
	<i>Good</i>	C	+0,01
	<i>Average</i>	D	0,00
	<i>Fair</i>	E	-0,02
	Poor	F	-0,04

Lampiran 2 Tabel faktor kelonggaran

FAKTOR	CONTOH PEKERJAAN	KELONGGARAN (%)	
A. TENAGA YANG DIKELUARKAN			
		Ekuivalen beban	Pria Wanita
1. Dapat diabaikan	Bekerja dimeja, duduk	Tanpa beban	0,00-6,0 0,0-6,0
2. Sangat ringan	Bekerja dimeja, duduk	0,00-2,25 kg	6,0-7,5 6,0-7,5
3. Ringan	Menyekop, ringan	2,25-9,00 kg	7,5-12,0 7,5-16,0
4. Sedang	Mencangkul	9,00-18,00 kg	12,0- 16,0-
5. Berat	Mengayun kayu yang berat	18,00-27,00 kg	19,0 30,0
6. Sangat berat	Memanggul beban	27,00-50,00 kg	19,0- 30,0
7. Luar biasa berat	Memanggul karung berat	Diatas 50 kg	30,0- 50,0
B. SIKAP KERJA			
1. Duduk	Bekerja duduk, ringan	0,0-1,0	
2. Berdiri diatas dua kaki	Badan tegak, ditumpu dua kaki	1,0-2,5	
3. Berdiri diatas satu kaki	Satu kaki mengerjakan alat control	2,5-4,0	
4. Berbaring	Pada bagian sisi, belakang atau depan kaki	2,5-4,0	
5. Membungkuk	Badan dibungkukkan bertumpu pada dua kaki	4,0-10,0	
C. GERAKAN KERJA			
1. Normal	Ayunan bebas dari palu	0	
2. Agak terbatas	Ayunan terbatas dari palu	0-5	
3. Sulit	Membawa beban berat dengan satu tangan	0-5	
4. Pada anggota-anggota badan terbatas	Bekerja dengan tangan diatas	5-10	
5. Seluruh anggota badan terbatas	Bekeja dilorong-lorong pertambangan sempit		
D. KELELAHAN MATA *)		Pencahayaannya baik	Buruk
1. Pandangan yang terputus-putus	Membaca alat ukur	0	1
	Pekerjaan yang teliti	2	2
2. Pandangan yang hampir terus-menerus	Pemeriksaan cacat-cacat pada kain	2	5
3. Pandangan yang terus menerus dengan fokus berubah-ubah	Pemeriksaan yang teliti	4	8
4. Pandangan yang terus menerus dengan fokus tetap			
E. KEADAAN TEMPERATUR TEMPAT KERJA **)		Kelembaban normal	Kelebihan
1. Beku	Temperatur (°C) Dibawah 0	Diatas 10	Diatas 12
2. Rendah	0-13	10-0	12-5
3. Sedang	13-2	5-0	8-0
4. Normal	22-28	0-5	0-8
5. Tinggi	28-38	8-100	8-100
6. Sangat tinggi	Diatas 38	Diatas 40	Diatas 100

F. KEADAAN ATMOSFER

***)

1. Baik	Ruangan berventilasi baik Udara segar	
2. Cukup	Ventilasi kurang baik, ada bau-bauan (tidak berbahaya)	5-10
3. Kurang baik	Adanya debu-debu beracun atau tidak beracun tetapi banyak.	
4. Baik	Adanya bau-bauan berbahaya yang mengharuskan menggunakan alat-alat pernafasan.	

G. KEADAAN LINGKUNGAN YANG BAIK

1. Bersih, sehat, cerah dengan kebisingan rendah	0
2. Siklus kerja berulang-ulang antara 5-10 detik	0-1
3. Siklus kerja berulang-ulang antara 0-5 detik	1-3
4. Sangat bising	0-5
5. Jika faktor-faktor yang berpengaruh dapat menurunkan kualitas	0-5
6. Terasa adanya getaran lantai	5-10
7. Keadaan yang luar biasa	5-15

Lampiran Data hasil uji kecukupan dan keseragaman data pada setiap proses kerja

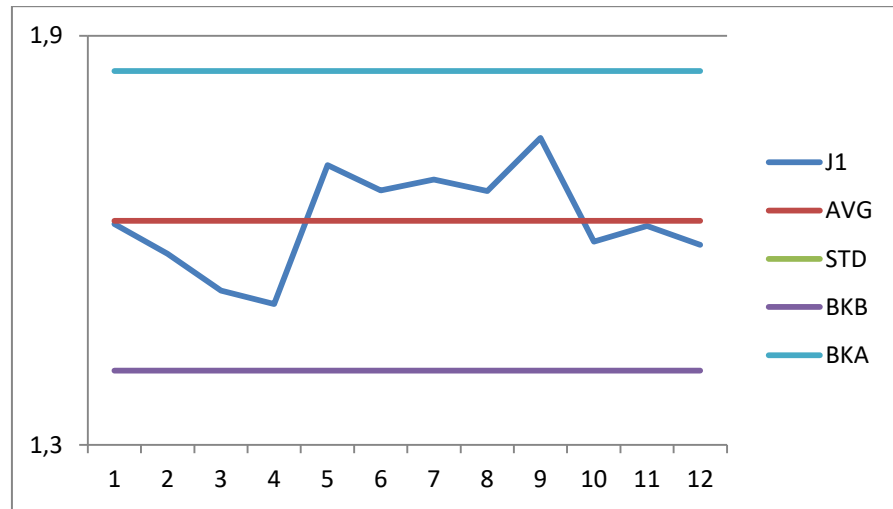
1. Uji kecukupan dan uji keseragaman data proses kerja 1

No	J1	J2	J3	J4	J5
1	11,456	11,41875	11,4125	11,43125	11,586
2	11,513	11,53125	11,73125	12,41875	11,534
3	11,467	12,40625	11,25	11,68125	11,437
4	11,597	11,63125	12,4875	11,525	11,523
5	11,6	11,475	11,44375	11,75625	11,497
6	11,482	11,4625	11,48125	11,44375	11,4445
7	11,4621	11,74375	12,50625	12,5	11,478
8	11,568	12,475	11,45625	11,50625	11,5135
9	11,415	11,6875	12,825	11,45	11,476
10	11,516	11,1625	11,46875	11,425	11,581
11	11,589	11,40625	12,45	11,48125	11,503
12	11,449	12,3125	11,45625	11,91875	11,44
Σxi	138,1141	140,7125	141,9688	140,5375	138,013
$(\Sigma xi)^2$	19075,5	19800,01	20155,13	19750,79	19047,59
Σxi^2	1589,671	1652,064	1683,059	1647,498	1587,327
nxi	19076,06	19824,76	20196,71	19769,97	19047,92
xi-xi	0,550866	24,75641	41,5823	19,18109	0,330449
SQRT	0,742204	4,975581	6,448434	4,379623	0,574847
K/S	20	20	20	20	20
K/S * SQRT	14,84407	99,51162	128,9687	87,59245	11,49694
N'	0,107477	0,707198	0,90843	0,623267	0,083303
$(N')^2$	0,011551	0,500129	0,825245	0,388462	0,006939

Uji Keseragaman Job 1

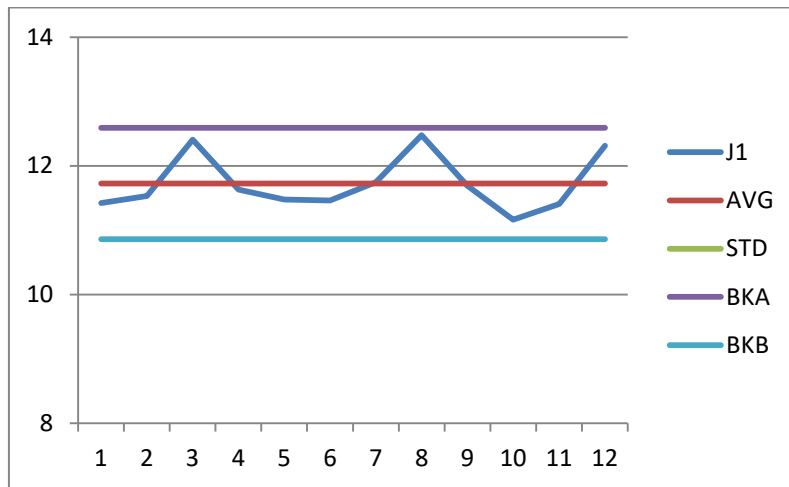
J1	AVG	STD	BKB	BKA
1,6236	1,628554	0,073248	1,408811	1,848297
1,5803	1,628554	0,073248	1,408811	1,848297
1,526	1,628554	0,073248	1,408811	1,848297
1,50625	1,628554	0,073248	1,408811	1,848297
1,7103	1,628554	0,073248	1,408811	1,848297
1,673	1,628554	0,073248	1,408811	1,848297
1,689	1,628554	0,073248	1,408811	1,848297

1,672	1,628554	0,073248	1,408811	1,848297
1,75	1,628554	0,073248	1,408811	1,848297
1,598	1,628554	0,073248	1,408811	1,848297
1,621	1,628554	0,073248	1,408811	1,848297
1,5932	1,628554	0,073248	1,408811	1,848297



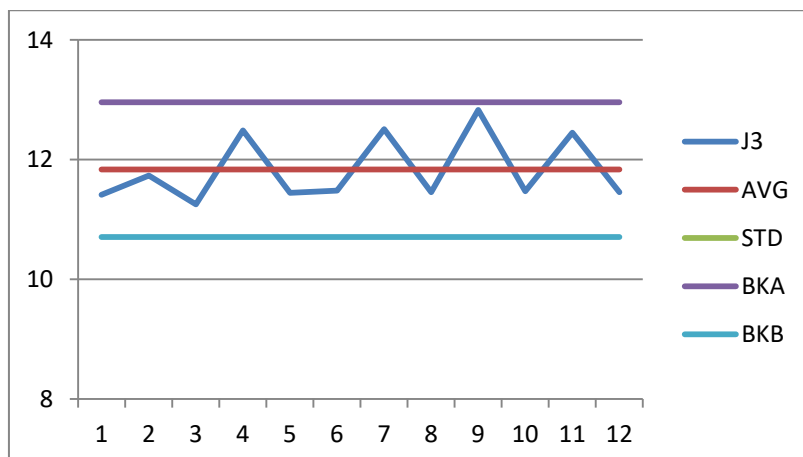
Uji Keseragaman Job 2

J2	AVG	STD	BKA	BKB
11,41875	11,72604	0,433069	12,59218	10,8599
11,53125	11,72604	0,433069	12,59218	10,8599
12,40625	11,72604	0,433069	12,59218	10,8599
11,63125	11,72604	0,433069	12,59218	10,8599
11,475	11,72604	0,433069	12,59218	10,8599
11,4625	11,72604	0,433069	12,59218	10,8599
11,74375	11,72604	0,433069	12,59218	10,8599
12,475	11,72604	0,433069	12,59218	10,8599
11,6875	11,72604	0,433069	12,59218	10,8599
11,1625	11,72604	0,433069	12,59218	10,8599
11,40625	11,72604	0,433069	12,59218	10,8599
12,3125	11,72604	0,433069	12,59218	10,8599



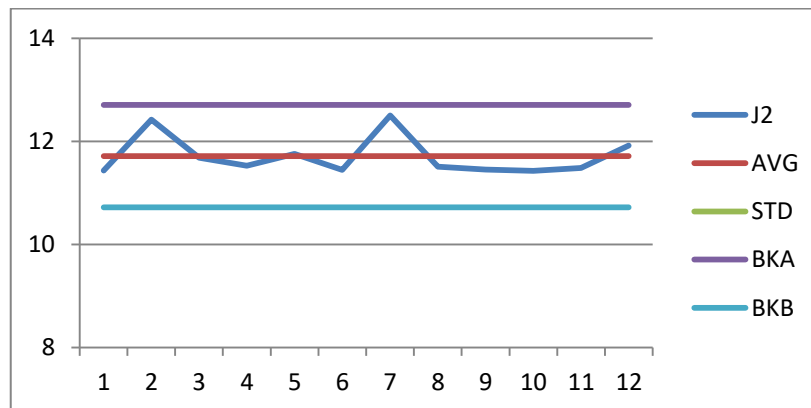
Uji Keseragaman Job 3

J3	AVG	STD	BKA	BKB
11,4125	11,83073	0,561264	12,95326	10,7082
11,73125	11,83073	0,561264	12,95326	10,7082
11,25	11,83073	0,561264	12,95326	10,7082
12,4875	11,83073	0,561264	12,95326	10,7082
11,44375	11,83073	0,561264	12,95326	10,7082
11,48125	11,83073	0,561264	12,95326	10,7082
12,50625	11,83073	0,561264	12,95326	10,7082
11,45625	11,83073	0,561264	12,95326	10,7082
12,825	11,83073	0,561264	12,95326	10,7082
11,46875	11,83073	0,561264	12,95326	10,7082
12,45	11,83073	0,561264	12,95326	10,7082
11,45625	11,83073	0,561264	12,95326	10,7082



Uji Keseragaman Job 4

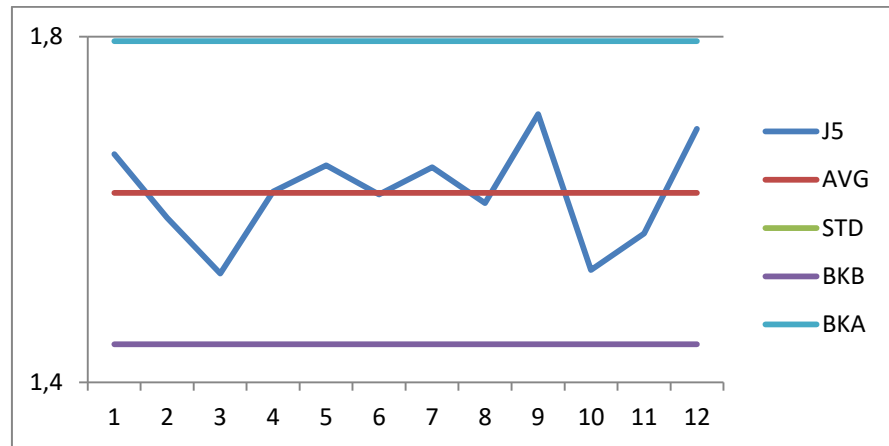
J4	AVG	STD	BKA	BKB
11,43125	11,71146	0,497375	12,70621	10,71671
12,41875	11,71146	0,497375	12,70621	10,71671
11,68125	11,71146	0,497375	12,70621	10,71671
11,525	11,71146	0,497375	12,70621	10,71671
11,75625	11,71146	0,497375	12,70621	10,71671
11,44375	11,71146	0,497375	12,70621	10,71671
12,5	11,71146	0,497375	12,70621	10,71671
11,50625	11,71146	0,497375	12,70621	10,71671
11,45	11,71146	0,497375	12,70621	10,71671
11,425	11,71146	0,497375	12,70621	10,71671
11,48125	11,71146	0,497375	12,70621	10,71671
11,91875	11,71146	0,497375	12,70621	10,71671



Uji Keseragaman Job 5

J5	AVG	STD	BKB	BKA
1,6638	1,619213	0,05842	1,443954	1,794472
1,5903	1,619213	0,05842	1,443954	1,794472
1,526	1,619213	0,05842	1,443954	1,794472
1,620625	1,619213	0,05842	1,443954	1,794472
1,65103	1,619213	0,05842	1,443954	1,794472
1,6173	1,619213	0,05842	1,443954	1,794472
1,6489	1,619213	0,05842	1,443954	1,794472
1,6072	1,619213	0,05842	1,443954	1,794472
1,7103	1,619213	0,05842	1,443954	1,794472
1,5298	1,619213	0,05842	1,443954	1,794472

1,5721	1,619213	0,05842	1,443954	1,794472
1,6932	1,619213	0,05842	1,443954	1,794472



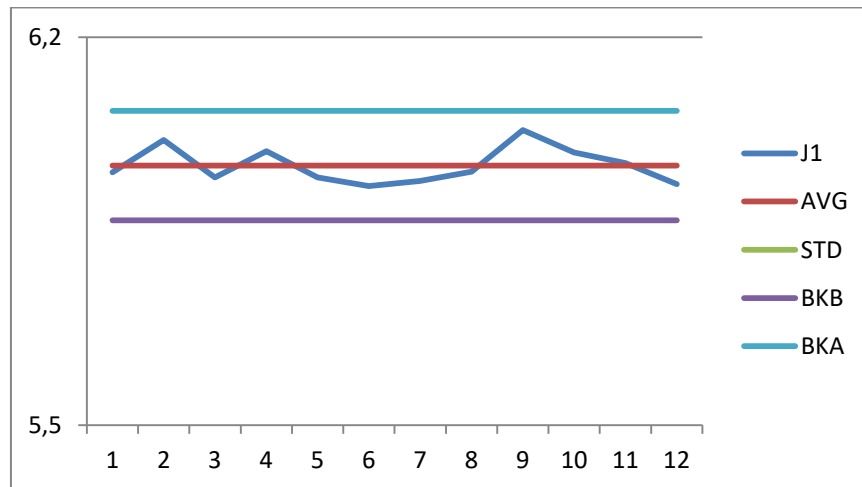
2. Uji kecukupan dan uji keseragaman data proses kerja 2

No	J1	J2	J3	J4	J5
1	5,956	5,5	5,51875	5,49373	5,941
2	6,0143	5,70625	5,40625	5,9125	6,023
3	5,9467	5,6125	5,8	6,125	5,9467
4	5,994	6,09	6,08125	5,676875	5,956
5	5,947	5,456	5,78125	5,56875	5,941
6	5,9311	5,58125	5,5625	6,10875	5,9746
7	5,9405	5,81875	5,9225	5,93125	5,9503
8	5,9571	5,55625	5,7325	5,4625	5,9827
9	6,0324	6,15375	5,675	5,55	6,05781
10	5,992	5,95625	5,7925	6,07375	5,9806
11	5,973	5,63125	5,5	5,4125	6,0607
12	5,935	6,11875	6,03125	5,4625	5,9563
Σx_i	71,6191	69,181	68,80375	68,77811	71,77071
$(\Sigma x_i)^2$	5129,295	4786,011	4733,956	4730,428	5151,035
Σx_i^2	427,4532	399,5432	394,9922	395,0547	429,2735
$n x_i$	5129,439	4794,519	4739,907	4740,656	5151,282
$x_i - \bar{x}_i$	0,143179	8,507996	5,95063	10,22865	0,247366
SQRT	0,37839	2,916847	2,439391	3,198226	0,497359
K/S	20	20	20	20	20
K/S * SQRT	7,567808	58,33694	48,78783	63,96451	9,947174
N'	0,105667	0,843251	0,709087	0,930013	0,138597

(N)^2	0,011166	0,711072	0,502804	0,864924	0,019209
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Uji Keseragaman Job 1

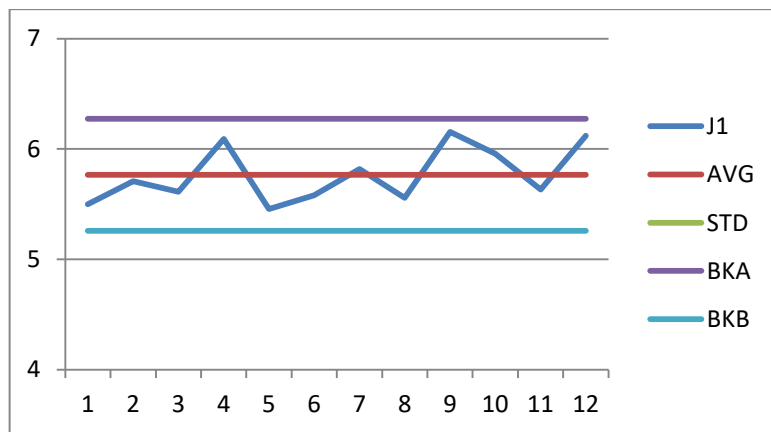
J1	AVG	STD	BKB	BKA
5,956	5,968258	0,032935	5,869454	6,067062
6,0143	5,968258	0,032935	5,869454	6,067062
5,9467	5,968258	0,032935	5,869454	6,067062
5,994	5,968258	0,032935	5,869454	6,067062
5,947	5,968258	0,032935	5,869454	6,067062
5,9311	5,968258	0,032935	5,869454	6,067062
5,9405	5,968258	0,032935	5,869454	6,067062
5,9571	5,968258	0,032935	5,869454	6,067062
6,0324	5,968258	0,032935	5,869454	6,067062
5,992	5,968258	0,032935	5,869454	6,067062
5,973	5,968258	0,032935	5,869454	6,067062
5,935	5,968258	0,032935	5,869454	6,067062



Uji Keseragaman Job 2

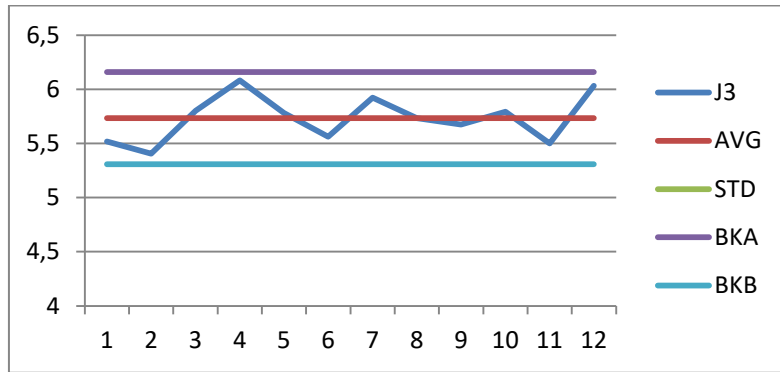
J2	AVG	STD	BKA	BKB
5,5	5,765083	0,253879	6,272841	5,257325
5,70625	5,765083	0,253879	6,272841	5,257325
5,6125	5,765083	0,253879	6,272841	5,257325
6,09	5,765083	0,253879	6,272841	5,257325
5,456	5,765083	0,253879	6,272841	5,257325

5,58125	5,765083	0,253879	6,272841	5,257325
5,81875	5,765083	0,253879	6,272841	5,257325
5,55625	5,765083	0,253879	6,272841	5,257325
6,15375	5,765083	0,253879	6,272841	5,257325
5,95625	5,765083	0,253879	6,272841	5,257325
5,63125	5,765083	0,253879	6,272841	5,257325
6,11875	5,765083	0,253879	6,272841	5,257325



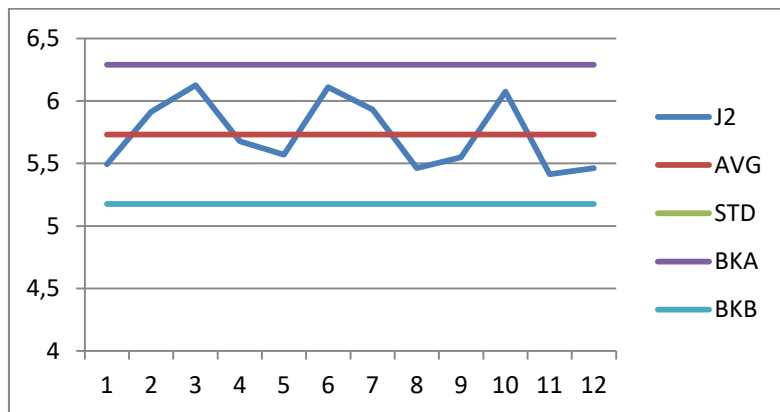
Uji Keseragaman Job 3

J3	AVG	STD	BKA	BKB
5,51875	5,733646	0,212322	6,158289	5,309002
5,40625	5,733646	0,212322	6,158289	5,309002
5,8	5,733646	0,212322	6,158289	5,309002
6,08125	5,733646	0,212322	6,158289	5,309002
5,78125	5,733646	0,212322	6,158289	5,309002
5,5625	5,733646	0,212322	6,158289	5,309002
5,9225	5,733646	0,212322	6,158289	5,309002
5,7325	5,733646	0,212322	6,158289	5,309002
5,675	5,733646	0,212322	6,158289	5,309002
5,7925	5,733646	0,212322	6,158289	5,309002
5,5	5,733646	0,212322	6,158289	5,309002
6,03125	5,733646	0,212322	6,158289	5,309002



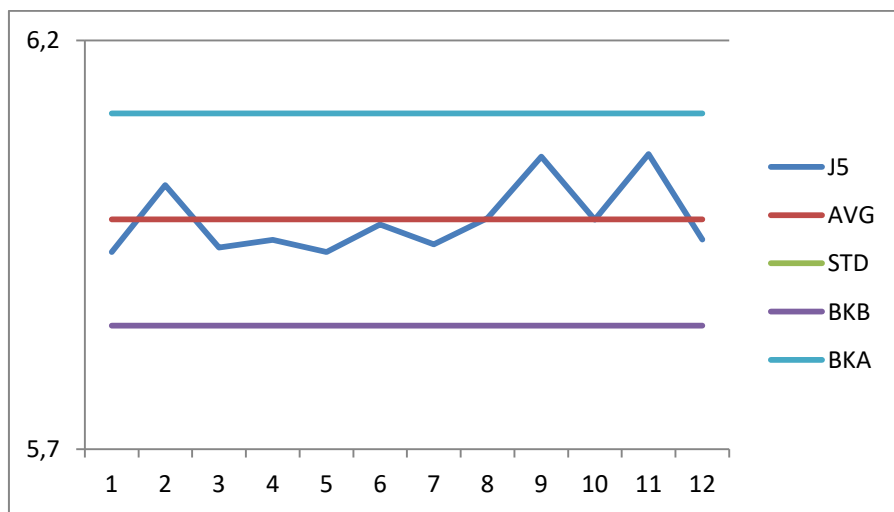
Uji Keseragaman Job 4

J4	AVG	STD	BKA	BKB
5,49373	5,731509	0,27837	6,288248	5,174769
5,9125	5,731509	0,27837	6,288248	5,174769
6,125	5,731509	0,27837	6,288248	5,174769
5,676875	5,731509	0,27837	6,288248	5,174769
5,56875	5,731509	0,27837	6,288248	5,174769
6,10875	5,731509	0,27837	6,288248	5,174769
5,93125	5,731509	0,27837	6,288248	5,174769
5,4625	5,731509	0,27837	6,288248	5,174769
5,55	5,731509	0,27837	6,288248	5,174769
6,07375	5,731509	0,27837	6,288248	5,174769
5,4125	5,731509	0,27837	6,288248	5,174769
5,4625	5,731509	0,27837	6,288248	5,174769



Uji Keseragaman Job 5

J5	AVG	STD	BKB	BKA
5,941	5,980893	0,04329	5,851024	6,110761
6,023	5,980893	0,04329	5,851024	6,110761
5,9467	5,980893	0,04329	5,851024	6,110761
5,956	5,980893	0,04329	5,851024	6,110761
5,941	5,980893	0,04329	5,851024	6,110761
5,9746	5,980893	0,04329	5,851024	6,110761
5,9503	5,980893	0,04329	5,851024	6,110761
5,9827	5,980893	0,04329	5,851024	6,110761
6,05781	5,980893	0,04329	5,851024	6,110761
5,9806	5,980893	0,04329	5,851024	6,110761
6,0607	5,980893	0,04329	5,851024	6,110761
5,9563	5,980893	0,04329	5,851024	6,110761



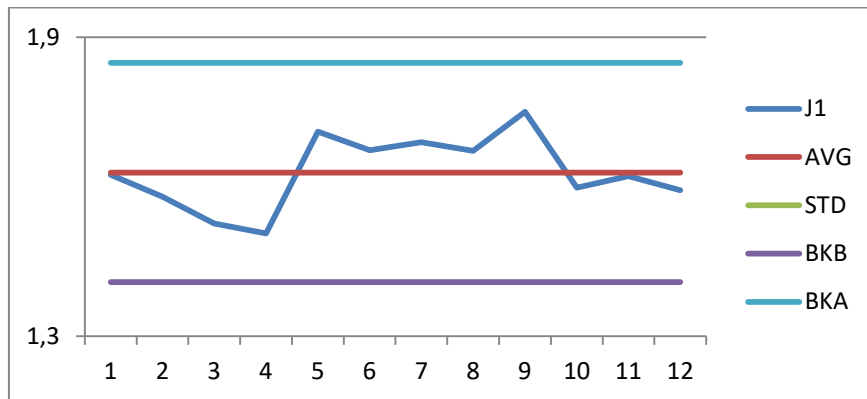
3. Uji kecukupan dan uji keseragaman data proses kerja 3

No	J1	J2	J3	J4	J5
1	1,6236	1,4375	1,025	1,2125	1,6638
2	1,5803	1,39375	1,19375	1,175	1,5903
3	1,526	1,43125	1,15625	1,15625	1,526
4	1,50625	1,475	1,0625	1,14375	1,620625
5	1,7103	1,475	1,0625	1,14375	1,65103
6	1,673	1,55625	1,201125	1,25625	1,6173
7	1,689	1,42875	1,09375	1,2	1,6489
8	1,672	1,55	1,15	1,1	1,6072

9	1,75	1,42	1,05675	1,11345	1,7103
10	1,598	1,43125	1,245	1,2125	1,5298
11	1,621	1,39375	1,15625	1,21875	1,5721
12	1,5932	1,43165	1,2675	1,19375	1,6932
Σxi	19,54265	17,42415	13,67038	14,12595	19,43056
$(\Sigma Xi)^2$	381,9152	303,601	186,8792	199,5425	377,5465
ΣXi^2	31,88528	25,33145	15,6421	16,65251	31,49975
nxi	382,6234	303,9774	187,7052	199,8301	377,997
$xi-xi$	0,708208	0,376395	0,826009	0,2876	0,450498
SQRT	0,841551	0,61351	0,908851	0,536283	0,671191
K/S	20	20	20	20	20
K/S * SQRT	16,83102	12,27021	18,17701	10,72567	13,42382
N'	0,861246	0,704207	1,329664	0,759288	0,690862
$(N')^2$	0,741744	0,495907	1,768007	0,576519	0,47729

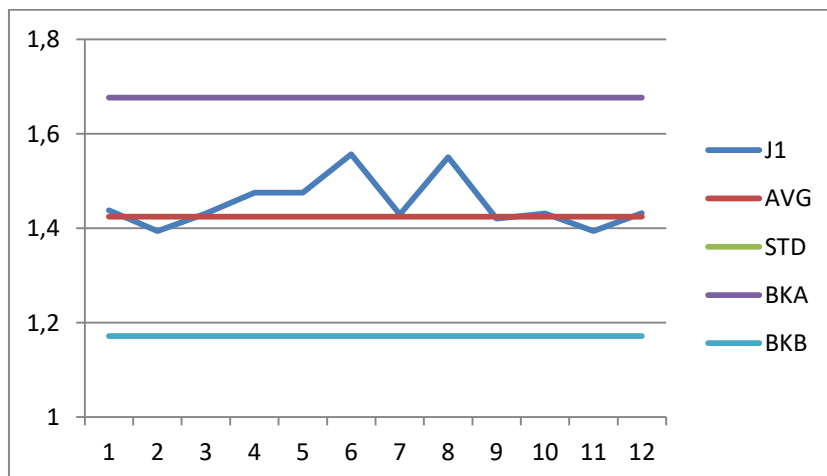
Uji Keseragaman Job 1

J1	AVG	STD	BKB	BKA
1,6236	1,628554	0,073248	1,408811	1,848297
1,5803	1,628554	0,073248	1,408811	1,848297
1,526	1,628554	0,073248	1,408811	1,848297
1,50625	1,628554	0,073248	1,408811	1,848297
1,7103	1,628554	0,073248	1,408811	1,848297
1,673	1,628554	0,073248	1,408811	1,848297
1,689	1,628554	0,073248	1,408811	1,848297
1,672	1,628554	0,073248	1,408811	1,848297
1,75	1,628554	0,073248	1,408811	1,848297
1,598	1,628554	0,073248	1,408811	1,848297
1,621	1,628554	0,073248	1,408811	1,848297
1,5932	1,628554	0,073248	1,408811	1,848297



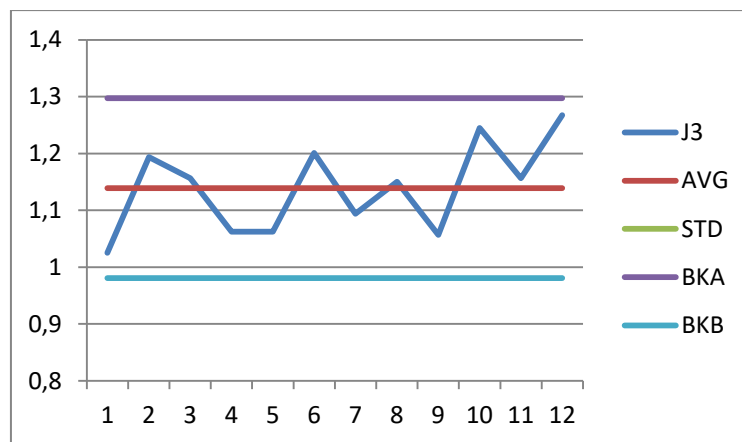
Uji Keseragaman Job 2

J2	AVG	STD	BKA	BKB
1,4375	1,423888	0,12617	1,676227	1,171548
1,39375	1,423888	0,12617	1,676227	1,171548
1,43125	1,423888	0,12617	1,676227	1,171548
1,475	1,423888	0,12617	1,676227	1,171548
1,475	1,423888	0,12617	1,676227	1,171548
1,55625	1,423888	0,12617	1,676227	1,171548
1,42875	1,423888	0,12617	1,676227	1,171548
1,55	1,423888	0,12617	1,676227	1,171548
1,42	1,423888	0,12617	1,676227	1,171548
1,43125	1,423888	0,12617	1,676227	1,171548
1,39375	1,423888	0,12617	1,676227	1,171548
1,43165	1,423888	0,12617	1,676227	1,171548



Uji Keseragaman Job 3

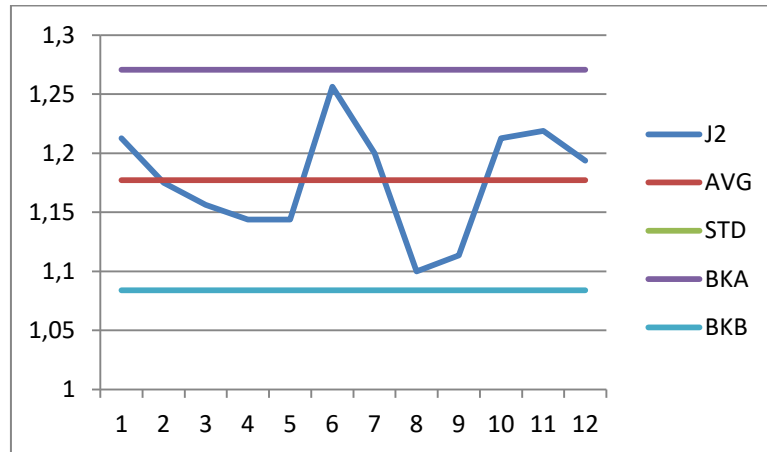
J3	AVG	STD	BKA	BKB
1,025	1,139198	0,079105	1,297408	0,980987
1,19375	1,139198	0,079105	1,297408	0,980987
1,15625	1,139198	0,079105	1,297408	0,980987
1,0625	1,139198	0,079105	1,297408	0,980987
1,0625	1,139198	0,079105	1,297408	0,980987
1,201125	1,139198	0,079105	1,297408	0,980987
1,09375	1,139198	0,079105	1,297408	0,980987
1,15	1,139198	0,079105	1,297408	0,980987
1,05675	1,139198	0,079105	1,297408	0,980987
1,245	1,139198	0,079105	1,297408	0,980987
1,15625	1,139198	0,079105	1,297408	0,980987
1,2675	1,139198	0,079105	1,297408	0,980987



Uji Keseragaman Job 4

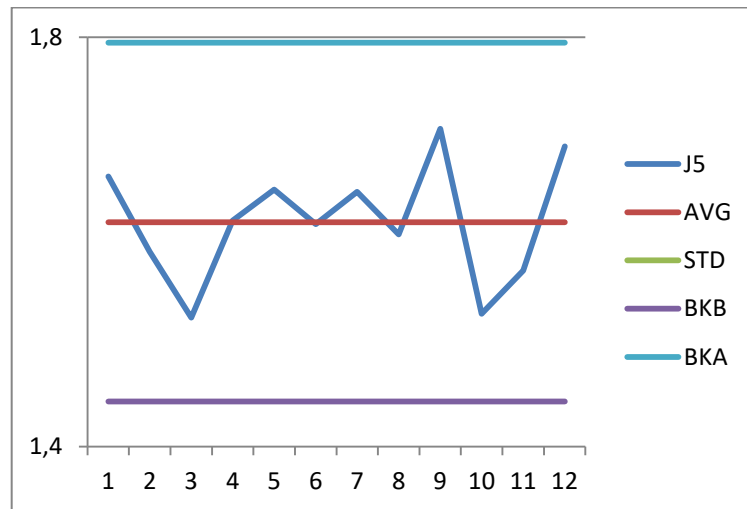
J4	AVG	STD	BKA	BKB
1,2125	1,177163	0,046677	1,270517	1,083808
1,175	1,177163	0,046677	1,270517	1,083808
1,15625	1,177163	0,046677	1,270517	1,083808
1,14375	1,177163	0,046677	1,270517	1,083808
1,14375	1,177163	0,046677	1,270517	1,083808
1,25625	1,177163	0,046677	1,270517	1,083808
1,2	1,177163	0,046677	1,270517	1,083808

1,1	1,177163	0,046677	1,270517	1,083808
1,11345	1,177163	0,046677	1,270517	1,083808
1,2125	1,177163	0,046677	1,270517	1,083808
1,21875	1,177163	0,046677	1,270517	1,083808
1,19375	1,177163	0,046677	1,270517	1,083808



Uji Keseragaman Job 5

J5	AVG	STD	BKB	BKA
1,6638	1,619213	0,05842	1,443954	1,794472
1,5903	1,619213	0,05842	1,443954	1,794472
1,526	1,619213	0,05842	1,443954	1,794472
1,620625	1,619213	0,05842	1,443954	1,794472
1,65103	1,619213	0,05842	1,443954	1,794472
1,6173	1,619213	0,05842	1,443954	1,794472
1,6489	1,619213	0,05842	1,443954	1,794472
1,6072	1,619213	0,05842	1,443954	1,794472
1,7103	1,619213	0,05842	1,443954	1,794472
1,5298	1,619213	0,05842	1,443954	1,794472
1,5721	1,619213	0,05842	1,443954	1,794472
1,6932	1,619213	0,05842	1,443954	1,794472

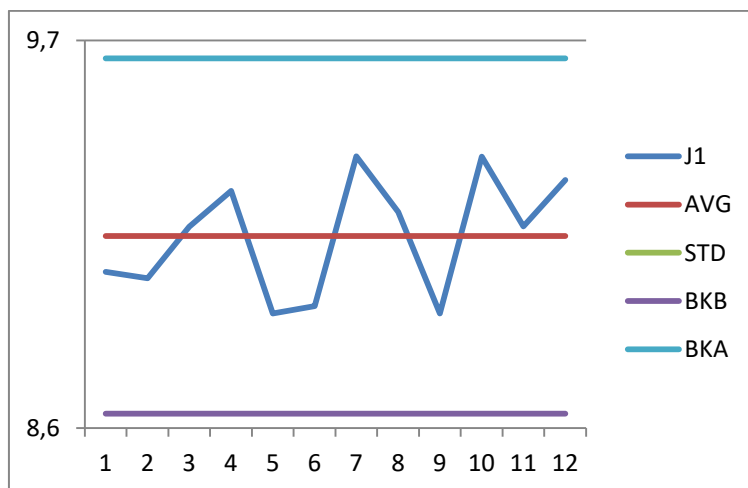


4. Uji kecukupan dan uji keseragaman data proses kerja 5

No	J1	J2	J3	J4	J5
1	9,043	9	9,9	10,35	9,143
2	9,025	8,925	9,825	8,775	9,125
3	9,171	9,075	9,825	9,675	9,271
4	9,273	9,45	9,975	9,675	9,073
5	8,9254	9	11,075	10,125	8,9604
6	8,9456	9,225	9,675	8,55	9,456
7	9,371	8,875	10,55	9,225	9,271
8	9,2134	9,075	9,875	9,45	9,134
9	8,925	8,85	9,485	9,345	8,925
10	9,3703	9	10,925	9,45	9,2703
11	9,172	9,0245	9,25	9,675	9,372
12	9,304	8,865	9,725	9,55	9,104
Σxi	109,7387	108,3645	120,085	113,845	110,1047
$(\Sigma xi)^2$	12042,58	11742,86	14420,41	12960,68	12123,04
Σxi^2	1003,859	978,888	1205,11	1082,795	1010,528
nxi		11746,66	14461,32	12993,54	
$xi-xi$	3,729276	3,790543	40,91548	32,85928	3,293825
SQRT	1,931133	1,946932	6,396521	5,732301	1,81489
K/S	20	20	20	20	20
K/S * SQRT	38,62267	38,93863	127,9304	114,646	36,2978
N'	0,351951	0,35933	1,065332	1,007036	0,329666
$(N')^2$	0,12387	0,129118	1,134933	1,014122	0,10868

Uji Keseragaman Job 1

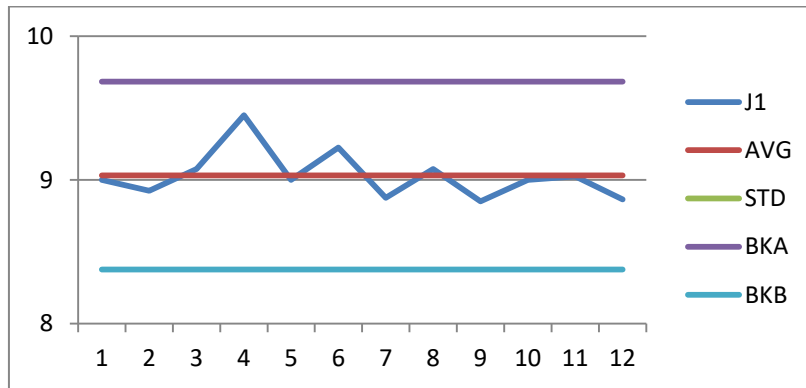
J1	AVG	STD	BKB	BKA
9,043	9,144892	0,168084	8,640641	9,649142
9,025	9,144892	0,168084	8,640641	9,649142
9,171	9,144892	0,168084	8,640641	9,649142
9,273	9,144892	0,168084	8,640641	9,649142
8,9254	9,144892	0,168084	8,640641	9,649142
8,9456	9,144892	0,168084	8,640641	9,649142
9,371	9,144892	0,168084	8,640641	9,649142
9,2134	9,144892	0,168084	8,640641	9,649142
8,925	9,144892	0,168084	8,640641	9,649142
9,3703	9,144892	0,168084	8,640641	9,649142
9,172	9,144892	0,168084	8,640641	9,649142
9,304	9,144892	0,168084	8,640641	9,649142



Uji Keseragaman Job 2

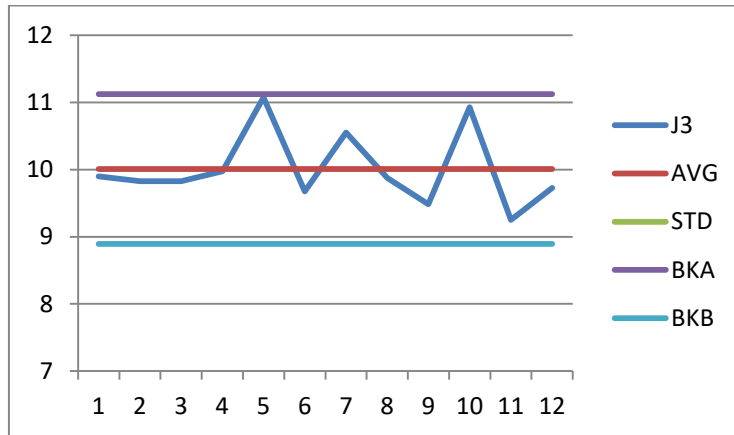
J2	AVG	STD	BKA	BKB
9	9,030375	0,326384	9,683144	8,377606
8,925	9,030375	0,326384	9,683144	8,377606
9,075	9,030375	0,326384	9,683144	8,377606
9,45	9,030375	0,326384	9,683144	8,377606
9	9,030375	0,326384	9,683144	8,377606
9,225	9,030375	0,326384	9,683144	8,377606
8,875	9,030375	0,326384	9,683144	8,377606
9,075	9,030375	0,326384	9,683144	8,377606

8,85	9,030375	0,326384	9,683144	8,377606
9	9,030375	0,326384	9,683144	8,377606
9,0245	9,030375	0,326384	9,683144	8,377606
8,865	9,030375	0,326384	9,683144	8,377606



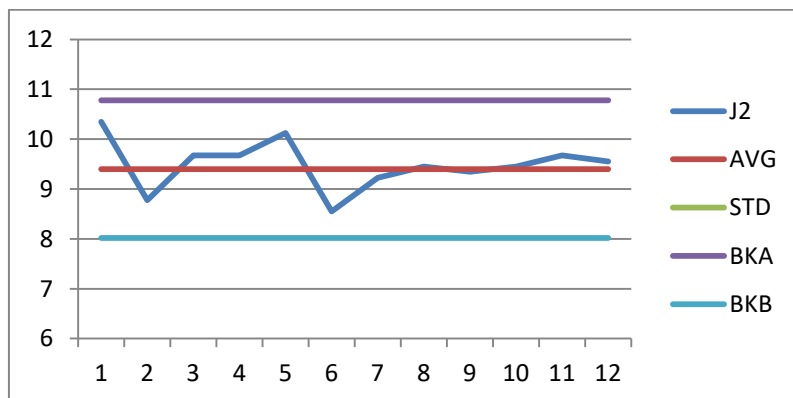
Uji Keseragaman Job 3

J3	AVG	STD	BKA	BKB
9,9	10,00708	0,556746	11,12057	8,893592
9,825	10,00708	0,556746	11,12057	8,893592
9,825	10,00708	0,556746	11,12057	8,893592
9,975	10,00708	0,556746	11,12057	8,893592
11,075	10,00708	0,556746	11,12057	8,893592
9,675	10,00708	0,556746	11,12057	8,893592
10,55	10,00708	0,556746	11,12057	8,893592
9,875	10,00708	0,556746	11,12057	8,893592
9,485	10,00708	0,556746	11,12057	8,893592
10,925	10,00708	0,556746	11,12057	8,893592
9,25	10,00708	0,556746	11,12057	8,893592
9,725	10,00708	0,556746	11,12057	8,893592



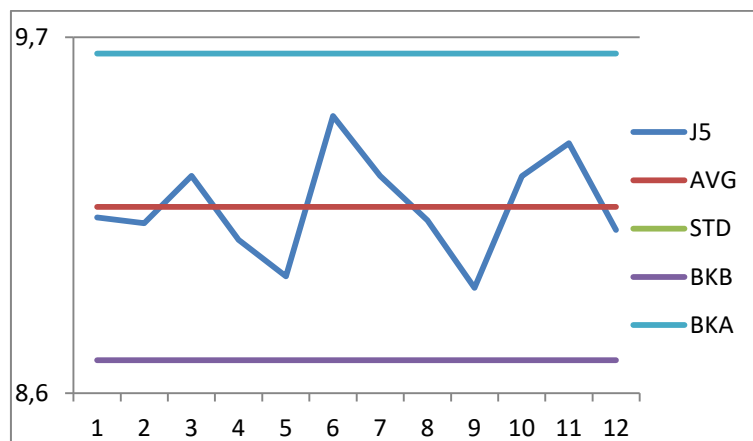
Uji Keseragaman Job 4

J4	AVG	STD	BKA	BKB
10,35	9,399583	0,690472	10,78053	8,018639
8,775	9,399583	0,690472	10,78053	8,018639
9,675	9,399583	0,690472	10,78053	8,018639
9,675	9,399583	0,690472	10,78053	8,018639
10,125	9,399583	0,690472	10,78053	8,018639
8,55	9,399583	0,690472	10,78053	8,018639
9,225	9,399583	0,690472	10,78053	8,018639
9,45	9,399583	0,690472	10,78053	8,018639
9,345	9,399583	0,690472	10,78053	8,018639
9,45	9,399583	0,690472	10,78053	8,018639
9,675	9,399583	0,690472	10,78053	8,018639
9,55	9,399583	0,690472	10,78053	8,018639



Uji Keseragaman Job 5

J5	AVG	STD	BKB	BKA
9,143	9,175392	0,157966	8,701494	9,649289
9,125	9,175392	0,157966	8,701494	9,649289
9,271	9,175392	0,157966	8,701494	9,649289
9,073	9,175392	0,157966	8,701494	9,649289
8,9604	9,175392	0,157966	8,701494	9,649289
9,456	9,175392	0,157966	8,701494	9,649289
9,271	9,175392	0,157966	8,701494	9,649289
9,134	9,175392	0,157966	8,701494	9,649289
8,925	9,175392	0,157966	8,701494	9,649289
9,2703	9,175392	0,157966	8,701494	9,649289
9,372	9,175392	0,157966	8,701494	9,649289
9,104	9,175392	0,157966	8,701494	9,649289



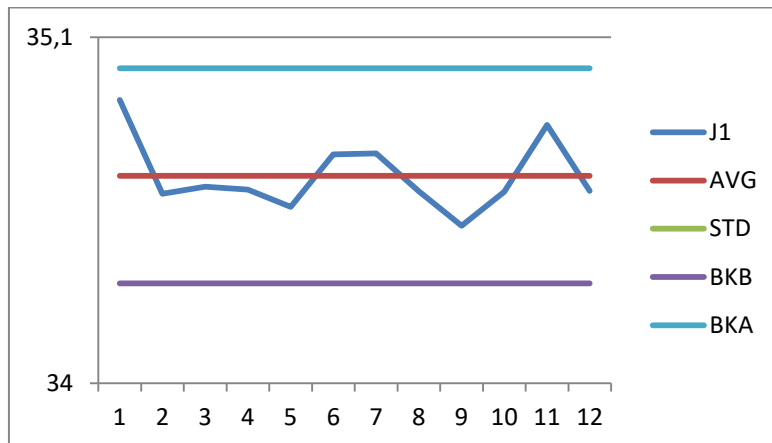
5. Uji kecukupan dan uji keseragaman data proses kerja 6

No	J1	J2	J3	J4	J5
1	34,9	34,8	34,08	34,44	34,55
2	34,602	35,44	34,6	35,2	34,56
3	34,6245	34,6	35,1	35,16	34,792
4	34,615	34,5	34,92	35,1	34,513
5	34,56	36,92	35,76	36,4	34,556
6	34,72734	34,08	35,16	34,98	34,521
7	34,73	35,8	35,16	35,16	34,53
8	34,61	34,92	34,86	35,1	34,513
9	34,5	34,5	34,62	34,68	34,525
10	34,608	34,86	34,5	34,92	34,52608

11	34,821	34,5	35,1	35,36	34,5161
12	34,6109	35,92	34,86	35,22	34,526
Σxi	415,9087	420,84	418,72	421,72	414,6282
$(\Sigma Xi)^2$	172980,1	177106,3	175326,4	177847,8	171916,5
ΣXi^2	14415,15	14765,99	14612,5	14823,07	14326,44
nxi	172981,8	177191,9	175349,9	177876,9	171917,3
$xi-xi$	1,71371	85,56	23,504	29,1056	0,786422
SQRT	1,309087	9,249865	4,848092	5,394961	0,886805
K/S	20	20	20	20	20
K/S * SQRT	26,18175	184,9973	96,96185	107,8992	17,73609
N'	0,062951	0,439591	0,231567	0,255855	0,042776
$(N')^2$	0,003963	0,19324	0,053623	0,065462	0,00183

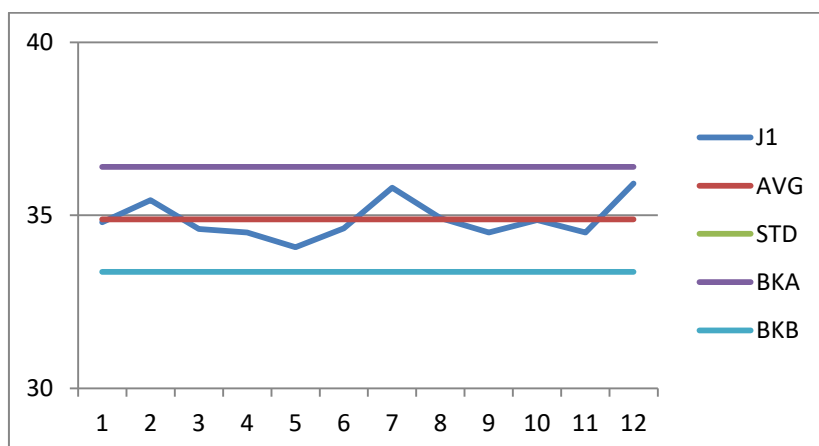
Uji Keseragaman Job 1

J1	AVG	STD	BKB	BKA
34,9	34,65906	0,113941	34,31724	35,00089
34,602	34,65906	0,113941	34,31724	35,00089
34,6245	34,65906	0,113941	34,31724	35,00089
34,615	34,65906	0,113941	34,31724	35,00089
34,56	34,65906	0,113941	34,31724	35,00089
34,72734	34,65906	0,113941	34,31724	35,00089
34,73	34,65906	0,113941	34,31724	35,00089
34,61	34,65906	0,113941	34,31724	35,00089
34,5	34,65906	0,113941	34,31724	35,00089
34,608	34,65906	0,113941	34,31724	35,00089
34,821	34,65906	0,113941	34,31724	35,00089
34,6109	34,65906	0,113941	34,31724	35,00089



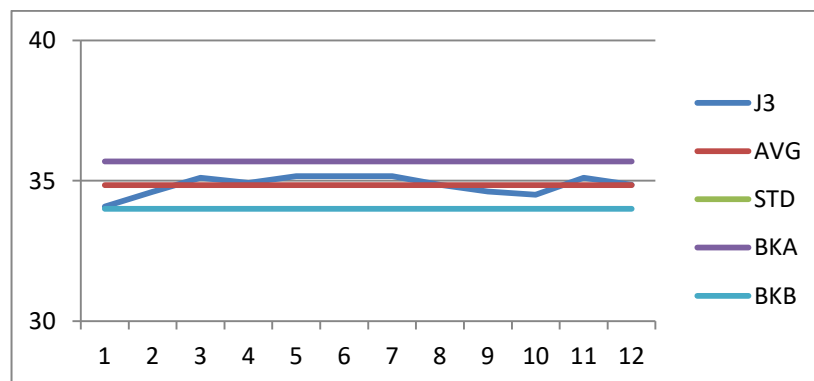
Uji Keseragaman Job 2

J2	AVG	STD	BKA	BKB
34,8	34,87833	0,758473	36,39528	33,36139
35,44	34,87833	0,758473	36,39528	33,36139
34,6	34,87833	0,758473	36,39528	33,36139
34,5	34,87833	0,758473	36,39528	33,36139
34,08	34,87833	0,758473	36,39528	33,36139
34,62	34,87833	0,758473	36,39528	33,36139
35,8	34,87833	0,758473	36,39528	33,36139
34,92	34,87833	0,758473	36,39528	33,36139
34,5	34,87833	0,758473	36,39528	33,36139
34,86	34,87833	0,758473	36,39528	33,36139
34,5	34,87833	0,758473	36,39528	33,36139
35,92	34,87833	0,758473	36,39528	33,36139



Uji Keseragaman Job 3

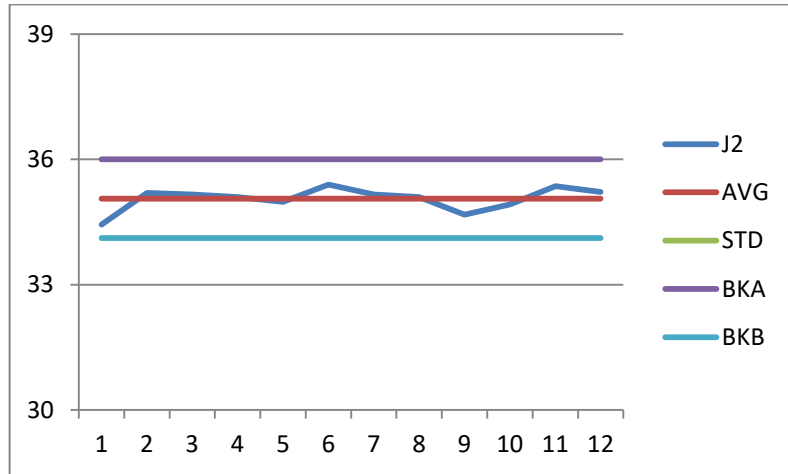
J3	AVG	STD	BKA	BKB
34,08	34,84333	0,421972	35,68728	33,99939
34,6	34,84333	0,421972	35,68728	33,99939
35,1	34,84333	0,421972	35,68728	33,99939
34,92	34,84333	0,421972	35,68728	33,99939
35,16	34,84333	0,421972	35,68728	33,99939
35,16	34,84333	0,421972	35,68728	33,99939
35,16	34,84333	0,421972	35,68728	33,99939
34,86	34,84333	0,421972	35,68728	33,99939
34,62	34,84333	0,421972	35,68728	33,99939
34,5	34,84333	0,421972	35,68728	33,99939
35,1	34,84333	0,421972	35,68728	33,99939
34,86	34,84333	0,421972	35,68728	33,99939



Uji Keseragaman Job 4

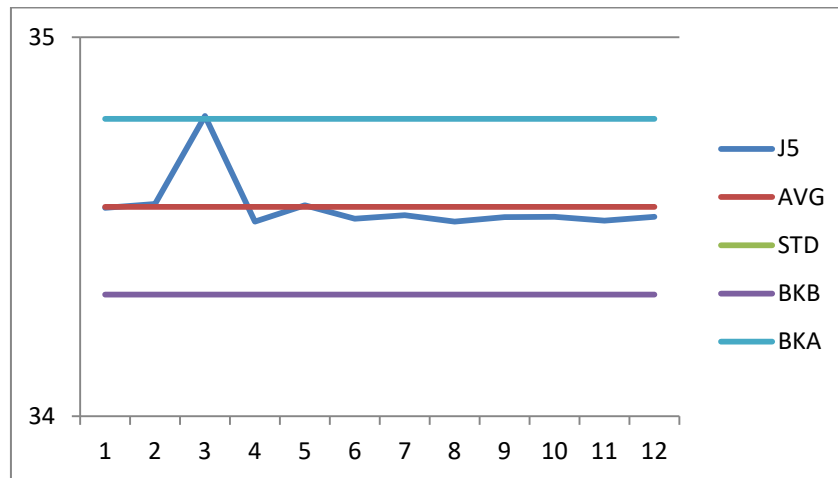
J4	AVG	STD	BKA	BKB
34,44	35,06	0,471937	36,00387	34,11613
35,2	35,06	0,471937	36,00387	34,11613
35,16	35,06	0,471937	36,00387	34,11613
35,1	35,06	0,471937	36,00387	34,11613
34,98	35,06	0,471937	36,00387	34,11613
35,4	35,06	0,471937	36,00387	34,11613
35,16	35,06	0,471937	36,00387	34,11613
35,1	35,06	0,471937	36,00387	34,11613
34,68	35,06	0,471937	36,00387	34,11613
34,92	35,06	0,471937	36,00387	34,11613
35,36	35,06	0,471937	36,00387	34,11613

35,22	35,06	0,471937	36,00387	34,11613
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Uji Keseragaman Job 5

J5	AVG	STD	BKB	BKA
34,55	34,55235	0,077186	34,32079	34,78391
34,56	34,55235	0,077186	34,32079	34,78391
34,792	34,55235	0,077186	34,32079	34,78391
34,513	34,55235	0,077186	34,32079	34,78391
34,556	34,55235	0,077186	34,32079	34,78391
34,521	34,55235	0,077186	34,32079	34,78391
34,53	34,55235	0,077186	34,32079	34,78391
34,513	34,55235	0,077186	34,32079	34,78391
34,525	34,55235	0,077186	34,32079	34,78391
34,52608	34,55235	0,077186	34,32079	34,78391
34,5161	34,55235	0,077186	34,32079	34,78391
34,526	34,55235	0,077186	34,32079	34,78391

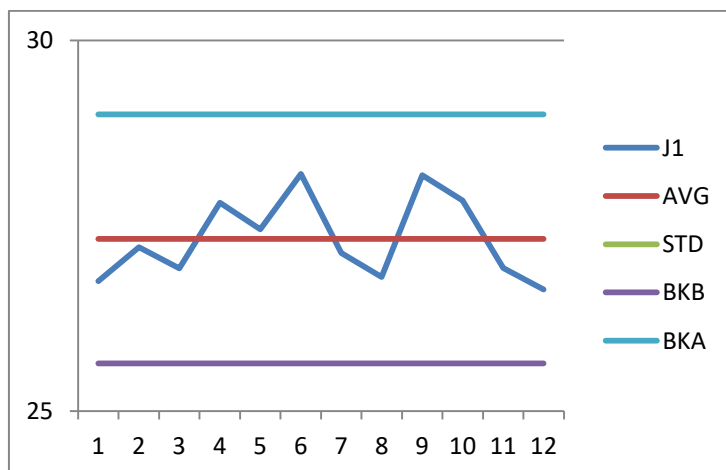


6. Uji kecukupan dan uji keseragaman data proses kerja 7

No	J1	J2	J3	J4	J5
1	26,751	27,48	27,72	26,76	26,8251
2	27,2095	26,76	27,12	27,84	27,42095
3	26,923	27,84	27,6	26,76	26,3923
4	27,8093	27,96	27,72	26,52	27,28093
5	27,45	28,08	27	26,52	27,945
6	28,2	26,76	27,24	27,6	28,142
7	27,13	27,84	27,24	27,84	27,913
8	26,807	26,64	26,76	27,84	26,4807
9	28,18	27,6	27,96	27,6	28,318
10	27,839	26,88	26,76	27,48	27,5839
11	26,93	27	27,12	27	26,293
12	26,64	27,12	26,64	26,4	27,964
Σxi	327,8688	327,96	326,88	326,16	328,5589
$(\Sigma xi)^2$	107498	107557,8	106850,5	106380,3	107950,9
Σxi^2	8961,609	8966,203	8906,227	8868,643	9001,643
nxi	107539,3	107594,4	106874,7	106423,7	108019,7
$xi-xi$	41,36347	36,6768	24,192	43,3728	68,7804
SQRT	6,431444	6,056137	4,918536	6,585803	8,293395
K/S	20	20	20	20	20
K/S * SQRT	128,6289	121,1227	98,37073	131,7161	165,8679
N'	0,392318	0,369322	0,300938	0,403839	0,504835
$(N')^2$	0,153914	0,136399	0,090564	0,163086	0,254858

Uji Keseragaman Job 1

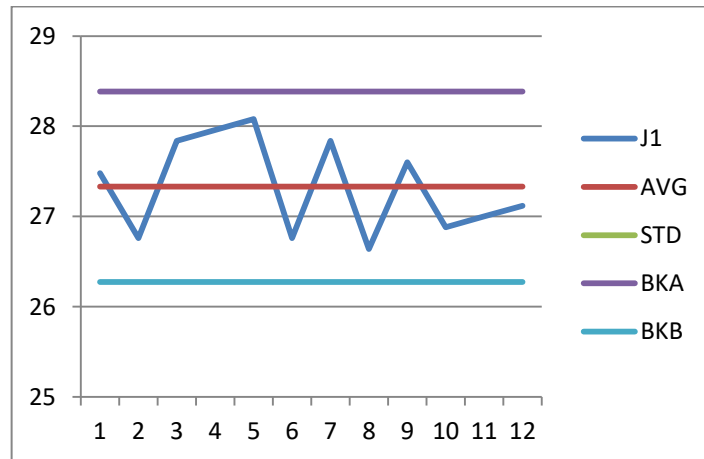
J1	AVG	STD	BKB	BKA
26,751	27,3224	0,559785	25,64304	29,00176
27,2095	27,3224	0,559785	25,64304	29,00176
26,923	27,3224	0,559785	25,64304	29,00176
27,8093	27,3224	0,559785	25,64304	29,00176
27,45	27,3224	0,559785	25,64304	29,00176
28,2	27,3224	0,559785	25,64304	29,00176
27,13	27,3224	0,559785	25,64304	29,00176
26,807	27,3224	0,559785	25,64304	29,00176
28,18	27,3224	0,559785	25,64304	29,00176
27,839	27,3224	0,559785	25,64304	29,00176
26,93	27,3224	0,559785	25,64304	29,00176
26,64	27,3224	0,559785	25,64304	29,00176



Uji Keseragaman Job 2

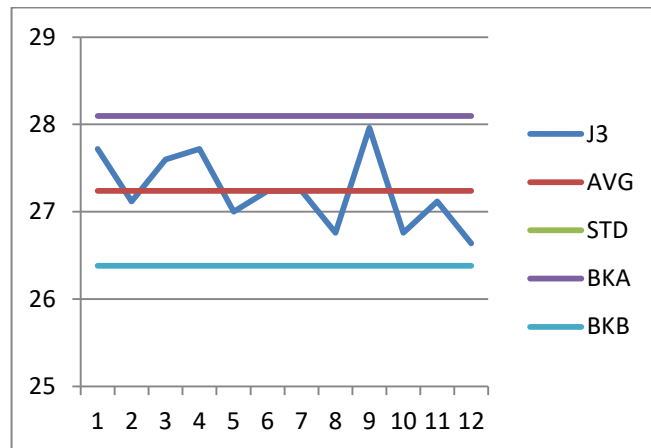
J2	AVG	STD	BKA	BKB
27,48	27,33	0,527119	28,38424	26,27576
26,76	27,33	0,527119	28,38424	26,27576
27,84	27,33	0,527119	28,38424	26,27576
27,96	27,33	0,527119	28,38424	26,27576
28,08	27,33	0,527119	28,38424	26,27576
26,76	27,33	0,527119	28,38424	26,27576
27,84	27,33	0,527119	28,38424	26,27576
26,64	27,33	0,527119	28,38424	26,27576
27,6	27,33	0,527119	28,38424	26,27576

26,88	27,33	0,527119	28,38424	26,27576
27	27,33	0,527119	28,38424	26,27576
27,12	27,33	0,527119	28,38424	26,27576



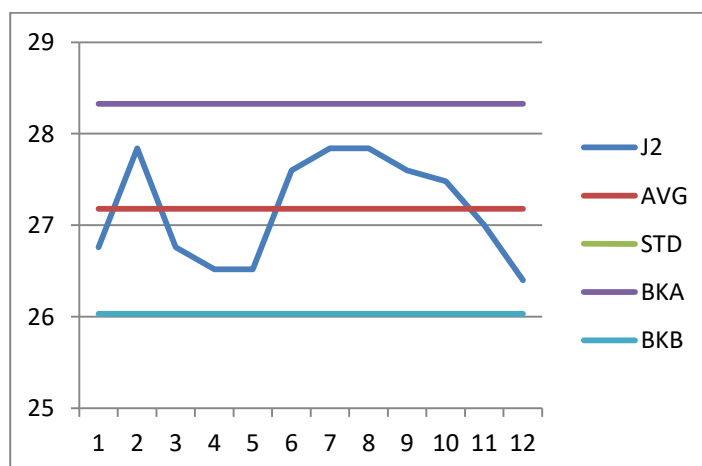
Uji Keseragaman Job 3

J3	AVG	STD	BKA	BKB
27,72	27,24	0,428104	28,09621	26,38379
27,12	27,24	0,428104	28,09621	26,38379
27,6	27,24	0,428104	28,09621	26,38379
27,72	27,24	0,428104	28,09621	26,38379
27	27,24	0,428104	28,09621	26,38379
27,24	27,24	0,428104	28,09621	26,38379
27,24	27,24	0,428104	28,09621	26,38379
26,76	27,24	0,428104	28,09621	26,38379
27,96	27,24	0,428104	28,09621	26,38379
26,76	27,24	0,428104	28,09621	26,38379
27,12	27,24	0,428104	28,09621	26,38379
26,64	27,24	0,428104	28,09621	26,38379



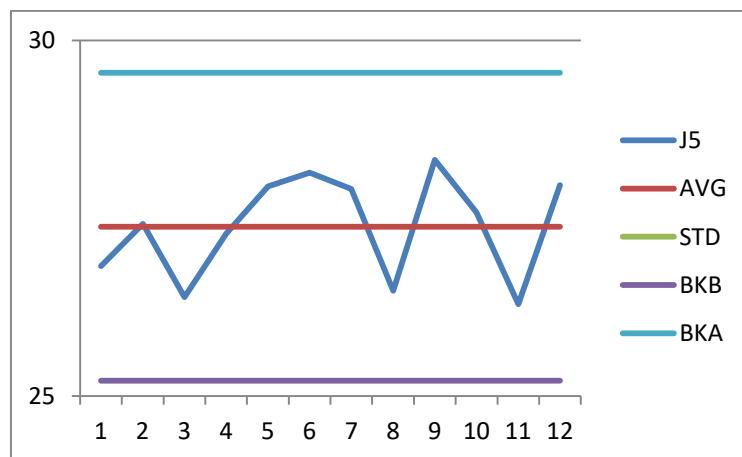
Uji Keseragaman Job 4

J4	AVG	STD	BKA	BKB
26,76	27,18	0,573221	28,32644	26,03356
27,84	27,18	0,573221	28,32644	26,03356
26,76	27,18	0,573221	28,32644	26,03356
26,52	27,18	0,573221	28,32644	26,03356
26,52	27,18	0,573221	28,32644	26,03356
27,6	27,18	0,573221	28,32644	26,03356
27,84	27,18	0,573221	28,32644	26,03356
27,84	27,18	0,573221	28,32644	26,03356
27,6	27,18	0,573221	28,32644	26,03356
27,48	27,18	0,573221	28,32644	26,03356
27	27,18	0,573221	28,32644	26,03356
26,4	27,18	0,573221	28,32644	26,03356



Uji Keseragaman Job 5

J5	AVG	STD	BKB	BKA
26,8251	27,37991	0,721847	25,21436	29,54545
27,42095	27,37991	0,721847	25,21436	29,54545
26,3923	27,37991	0,721847	25,21436	29,54545
27,28093	27,37991	0,721847	25,21436	29,54545
27,945	27,37991	0,721847	25,21436	29,54545
28,142	27,37991	0,721847	25,21436	29,54545
27,913	27,37991	0,721847	25,21436	29,54545
26,4807	27,37991	0,721847	25,21436	29,54545
28,318	27,37991	0,721847	25,21436	29,54545
27,5839	27,37991	0,721847	25,21436	29,54545
26,293	27,37991	0,721847	25,21436	29,54545
27,964	27,37991	0,721847	25,21436	29,54545



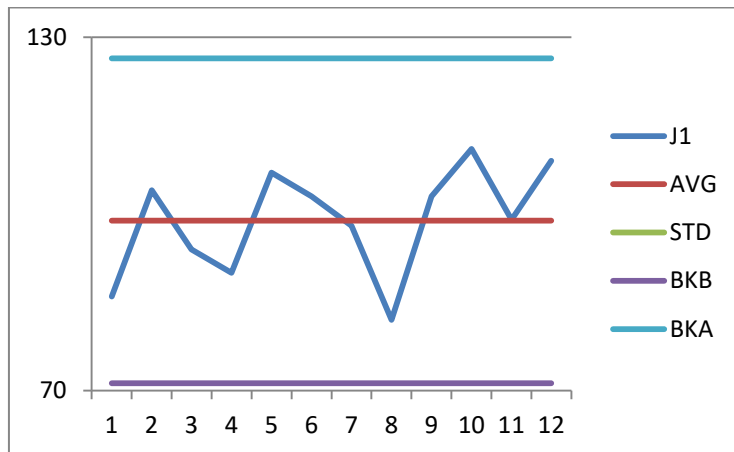
7. Uji kecukupan dan uji keseragaman data proses kerja 8

No	J1	J2	J3	J4	J5
1	86	70	105	118	85
2	104	75	100	112	83
3	94	81	99	110	110
4	90	81	100	109	89
5	107	82	116	100	108
6	103	77	105	105	95
7	98	75	115	113	106

8	82	82	93	99	95
9	103	82	93	99	112
10	111	79	110	116	75
11	99	81	99	110	107
12	109	75	107	113	103
Σxi	1186	940	1242	1304	1168
$(\Sigma xi)^2$	1406596	883600	1542564	1700416	1364224
Σxi^2	118146	73800	129180	142170	115312
nxi	1417752	885600	1550160	1706040	1383744
$xi-xi$	11156	2000	7596	5624	19520
SQRT	105,622	44,72136	87,15503	74,99333	139,714
K/S	20	20	20	20	20
K/S * SQRT	2112,439	894,4272	1743,101	1499,867	2794,28
N'	1,781146	0,951518	1,403463	1,150204	2,392363
$(N')^2$	3,172482	0,905387	1,969708	1,32297	5,7234

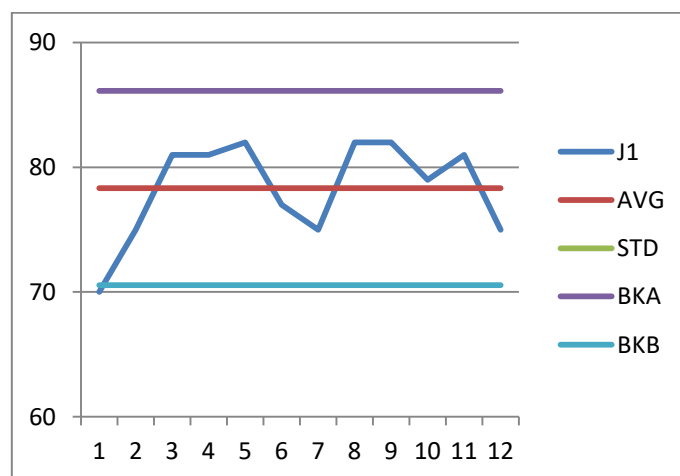
Uji Keseragaman Job 1

J1	AVG	STD	BKB	BKA
86	98,83333	9,193212	71,2537	126,413
104	98,83333	9,193212	71,2537	126,413
94	98,83333	9,193212	71,2537	126,413
90	98,83333	9,193212	71,2537	126,413
107	98,83333	9,193212	71,2537	126,413
103	98,83333	9,193212	71,2537	126,413
98	98,83333	9,193212	71,2537	126,413
82	98,83333	9,193212	71,2537	126,413
103	98,83333	9,193212	71,2537	126,413
111	98,83333	9,193212	71,2537	126,413
99	98,83333	9,193212	71,2537	126,413
109	98,83333	9,193212	71,2537	126,413



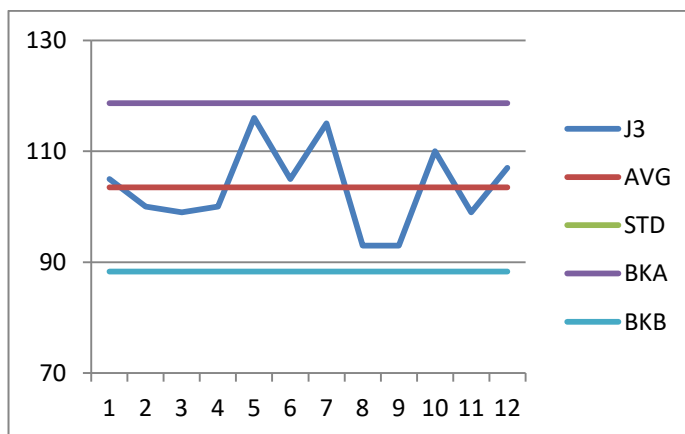
Uji Keseragaman Job 2

J2	AVG	STD	BKA	BKB
70	78,33333	3,892495	86,11832	70,54834
75	78,33333	3,892495	86,11832	70,54834
81	78,33333	3,892495	86,11832	70,54834
81	78,33333	3,892495	86,11832	70,54834
82	78,33333	3,892495	86,11832	70,54834
77	78,33333	3,892495	86,11832	70,54834
75	78,33333	3,892495	86,11832	70,54834
82	78,33333	3,892495	86,11832	70,54834
82	78,33333	3,892495	86,11832	70,54834
79	78,33333	3,892495	86,11832	70,54834
81	78,33333	3,892495	86,11832	70,54834
75	78,33333	3,892495	86,11832	70,54834



Uji Keseragaman Job 3

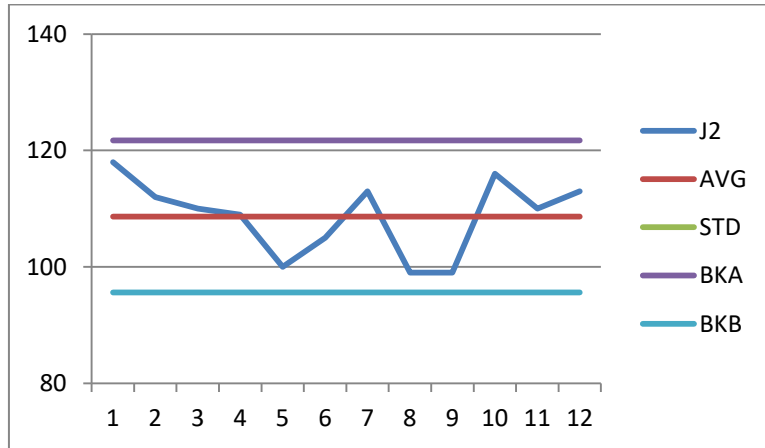
J3	AVG	STD	BKA	BKB
105	103,5	7,585872	118,6717	88,32826
100	103,5	7,585872	118,6717	88,32826
99	103,5	7,585872	118,6717	88,32826
100	103,5	7,585872	118,6717	88,32826
116	103,5	7,585872	118,6717	88,32826
105	103,5	7,585872	118,6717	88,32826
115	103,5	7,585872	118,6717	88,32826
93	103,5	7,585872	118,6717	88,32826
93	103,5	7,585872	118,6717	88,32826
110	103,5	7,585872	118,6717	88,32826
99	103,5	7,585872	118,6717	88,32826
107	103,5	7,585872	118,6717	88,32826



Uji Keseragaman Job 4

J4	AVG	STD	BKA	BKB
118	108,6667	6,527332	121,7213	95,612
112	108,6667	6,527332	121,7213	95,612
110	108,6667	6,527332	121,7213	95,612
109	108,6667	6,527332	121,7213	95,612
100	108,6667	6,527332	121,7213	95,612
105	108,6667	6,527332	121,7213	95,612
113	108,6667	6,527332	121,7213	95,612
99	108,6667	6,527332	121,7213	95,612
99	108,6667	6,527332	121,7213	95,612
116	108,6667	6,527332	121,7213	95,612

110	108,6667	6,527332	121,7213	95,612
113	108,6667	6,527332	121,7213	95,612



Uji Keseragaman Job 5

J5	AVG	STD	BKB	BKA
85	97,33333	12,16054	60,85171	133,815
83	97,33333	12,16054	60,85171	133,815
110	97,33333	12,16054	60,85171	133,815
89	97,33333	12,16054	60,85171	133,815
108	97,33333	12,16054	60,85171	133,815
95	97,33333	12,16054	60,85171	133,815
106	97,33333	12,16054	60,85171	133,815
95	97,33333	12,16054	60,85171	133,815
112	97,33333	12,16054	60,85171	133,815
75	97,33333	12,16054	60,85171	133,815
107	97,33333	12,16054	60,85171	133,815
103	97,33333	12,16054	60,85171	133,815

