Paste data	chrat 10	n	wcount	wcount	p	q	t	p - t	Wilk's W	z= q - t	p-q - t	F-value	df1	df2	F-crit.Val.	P-p value	Bartlett's χ²	df	C-crit.Val.	p-value
Data Pivot		50	50	50	0.000	0.000	0.000	0.000	0.000	87.00	12	114.0588	1.84	1.276-11	276.4088	12	21.03	4.50 12		

Sheet 2

Variables	Mean	Std.Dev.	Variance	Coef.Var.	Minimum	Maximum	Range
Body >							
growth	93	96	97.8	9	12	9	20
	88.8	92	91.8	96.8	10	9	20
	91	100.1	98	8	12	8	20
	101.1	103.8	104	10.1	10	11	21
	102	107.8	103	10	15	12	22
	95.4	99.9	99.9	9.9	12	9	21
	91.5	93	93	9	12	9	21
	91.5	93	93	9	12	9	21
	106.5	101.5	102	10	14	10	24
	106.5	103.5	102	10	14	10	24
	103.1	108.8	104	10.1	14	11	25
	99.5	111.8	100.1	10	18	8	21
	99.5	111.8	100.1	10	18	8	21
	99.5	105.5	102.3	8	10	11	21
	100	102.8	102.8	8	10	11	21
	81.5	93.5	95.5	7	9	5	16
	103.1	110.8	102	10	12	11	23
	103.1	110.8	101.1	11	14	11	25
	95.4	102	102	10	14	10	24
	99.5	105.5	106.5	11	17	12	29
	99.5	105.5	106.5	11	17	12	29
	99.5	115	102	10	14	10	24
	87.5	93.5	95.8	9	9	7	16
	105.1	114	105.3	11	16	12	28
	107	121	109	16	19	12	29
	95.4	102	97.8	10	14	7	21
	106.8	118	107	14	16	12	28
	106.8	120	104.8	14	16	12	28
	92.3	95.8	99.8	8	10	12	17
	106.5	121	104.5	11	15	11	26
	106	119.5	110.5	15	17	10	27
	106.5	121	104.5	11	15	11	26
	99.5	115	102	10	14	10	24
	96.5	114.5	99.5	10	12	11	23
	106.5	121.5	110.5	18	17	10	27
	106.5	111.5	107	8	13	14	27
	107	99.5	103.5	16	8	8	16
	102	99.8	103.3	11	12	14	26
	108.1	122.8	108.5	18	18	12	30
	106.5	119	106.8	14	20	12	32
	102	109.8	103.8	11	12	14	26
	92.3	102.5	99.3	13	15	6	21
	102.8	119.8	106.8	14	17	12	29
	85.8	87.3	96.3	7	6	9	15
	102.8	119.8	106.8	14	17	12	29
	102.8	119.8	106.8	14	17	12	29
	89.5	96	97.3	7	15	11	14
	106.5	121	104.5	11	15	11	26
	104.9	109.5	106.5	14	12	12	24
	106	118.5	105	12	16	11	27

Covariance growth profit new crest mach abstract math

growth	53.59844	68.79409	10.64663	17.58522	10.58759	7.68863
profit	68.79409	102.1028	14.05205	26.42177	10.98151	10.24167
new	10.64663	10.99108	22.205	10.03613	10.36751	6.436573
crest	16.58759	26.42177	10.03613	30.87867	1.261637	17.17633
mach	17.58522	25.34577	12.13811	2.438385	23.66042	2.966292
abstract	10.58759	10.98151	10.36751	1.261637	2.966292	10.7606
math	7.688631	10.7642	42.3332	17.17633	20.49926	12.76968

V Quad Prod Eigenvalue Cancel V Quad Prod Eigenvectors std. dieng eigenvec standardized eigenvectors

0.219145	0.018129	0.330382	0.888996	0.966483	0.410116	0.015398	0.468522	1.768811	0.266219 0.017987 0.377153
0.127374	0.080969	0.053626	0.773171	0.839107	0.20567	-0.616364	-0.189002	2.619561	0.029936 -0.22436 -0.10552
0.072968	0.145128	0.57176	0.367135	0.398576	0.766128	0.422426	-0.70956	1.63833	0.072968 0.230236 -0.18342

V Quad Prod Eigenvalue Cancel V Quad Prod Eigenvectors std. dieng eigenvec standardized eigenvectors

0.293969	0.040775	0.200579	0.341637	0.980996	0.966483	0.132859	0.215851	0.617205	0.053313 0.466764 0.268507 0.018706
-0.109168	0.203919	-0.298058	0.664698	0.773571	0.839107	0.218529	-0.351913	-0.902185	1.765823 0.018706 -0.20017 -0.1619 0.331188
0.042916	0.087	0.383117	0.107514	0.207366	0.398576	0.457709	0.860115	-0.703493	0.532609 0.088604 0.495742 -0.28102 0.218202
0.116098	0.159968	0.027501	0.726178	3.8E-17	1.76E-09	0.471209	-0.119063	0.028369	-0.267628 2.850122 0.06832 -0.06832 0.011583 -0.0969

On Standardized Data:

Covariance growth	profit	new	crest	mach	abstract	math
growth	1	0.90676	-0.386032	0.372596	0.708074	0.479077
profit	0.90676	1	0.801523	0.541508	0.731483	0.464398
new	-0.386032	0.801523	1	0.437671	0.461888	0.352548
crest	0.372596	0.541508	0.700363	1	0.080736	0.136807
mach	0.708074	0.731483	0.461888	0.080736	1	0.38595
abstract	0.479077	0.464398	0.352548	0.136807	0.38595	1
math	0.267312	0.266296	0.202438	0.212619	0.178553	0.166272

V Quad Prod Eigenvalue Cancel V Quad Prod Eigenvectors std. dieng eigenvec standardized eigenvectors

0.379179	0.088969	0.513212	0.888996	0.966483	0.792164	0.428046	0.798567	1.600567	0.457688 1.272724 2.767801
0.175779	0.208969	-0.12212	0.773171	0.839107	0.189056	-0.823678	-0.10127	0.10514	0.221818 -0.8176 -1.05857
0.303745	0.067588	0.57176	0.167153	0.181466	0.592237	0.376227	-0.52113	0.288428	0.36877 1.122893 -1.80674

V Quad Prod Eigenvalue Cancel V Quad Prod Eigenvectors std. dieng eigenvec standardized eigenvectors

0.399169	0.047266	0.367567	0.127991	0.980996	0.966483	0.367159	0.409563	0.731159	0.150193 0.541391 0.307989 0.07389
0.129209	0.207079	-0.116562	0.207724	0.773571	0.839107	0.208455	-0.748862	0.801016	0.626355 -0.208236 -0.08328 -1.28632
0.229937	-0.02018	0.583117	0.107514	0.207366	0.398576	0.457709	0.860115	-0.703493	0.532609 0.088604 0.495742 -0.28102 0.218202
0.309049	0.162495	0.135542	0.726178	1.67E-17	3.86E-09	0.883019	-0.459614	0.095189	-0.563616 0.602084 -0.71989 0.11962 -0.98966

Canonical Transform on Original Data

Canonical Variate	Eigenvalue	Percent	Cumulative Percent	Canonical Correlation	Wilks' Lambda	Approx. F-ratio	df1	df2	Prob > F
1	1.83024	100.000	100.000	0.805	0.0000	276.4088	12	21.03	0.0000

Canonical Transform on Standardized Data

Variable	Canon. Var. 1	Canon. Var. 2	Canon. Var. 3	Canon. Var. 4	Canon. Var. 5	Canon. Var. 6	Canon. Var. 7	Canon. Var. 8	Canon. Var. 9	Canon. Var. 10	Canon. Var. 11	Canon. Var. 12
Full Correl	0.9376	0.8267	0.8182	0.5158	0.3565	0.3158	0.2611	0.1968	0.1519	0.0875	0.0000	0.0000
growth	-0.9768	0.8254	0.2051	0.54158	0.3565	0.3158	0.2611	0.1968	0.1519	0.0875	0.0000	0.0000
profit	0.56241	1.16227	0.1518	0.7003	0.6578	0.4367	0.6198	0.4429	0.2966	0.4029	0.0000	0.0000
new	-0.80032	0.61237	0.7019	0.6371	0.5189	0.8528	0.9182	0.3825	-0.2041	0.9663	0.0000	0.0000
crest	0.57204	0.54158	0.7003	1	0.58736	0.45867	0.42639	0.64389	0.18946	-0.24988	0.83819	0.21569
mach	0.70874	0.7003	0.6371	0.58736	1	0.7003	0.7003	0.7003	0.7003	0.7003	0.7003	0.7003
abstract	0.67497	0.65189	0.8189	0.9185	0.7003	1	0.56172	0.66178	0.82284	0.22027	0.67249	0.32133
math	0.27312	0.93266	0.81268	0.21629	0.57633	0.56172	1	0.93877	-0.71329	0.93266	0.98086	-0.17032
V1	0.97969	0.96689	0.91182	0.88069	0.71584	0.64928	0.93877	1	0.58-12	-1.1E-13	0.98982	-6E-14
V2	0.20151	0.25688	0.57176	0.47475	0.69878	0.71584	-0.71329	0.58-12	1	0.58-12	-0.14142	0.98982
V3	0.19998	-0.0071	0.31041	0.00000	0.20271	0.28436	-0.10	0.71	-1.6E-14	0.58-12	-0.14142	0.58-12
V4	0.97471	0.96197	0.9661	0.88181	0.72162	0.67269	0.96086	0.96689	0.6561	-0.14	-6.4E-14	-1.1E-15
V5	-0.0057	-0.20387	0.09375	0.65145	-0.06774	-0.57622	-0.09423	-0.14	-0.6561	-0.14	-0.98561	-1.3E-15
V6	-7.7E-15	1.41E-14	1.88E-14	0.83872	0.67424	-0.00596	-0.24668	1.28E-14	-7.6E-15	-2.2E-15	-4.2E-15	-29E-15

Variable	Canon. Var. 1	Canon. Var. 2	Canon. Var. 3	Canon. Var. 4	Canon. Var. 5	Canon. Var. 6	Canon. Var. 7	Canon. Var. 8	Canon. Var. 9	Canon. Var. 10	Canon. Var. 11	Canon. Var. 12