

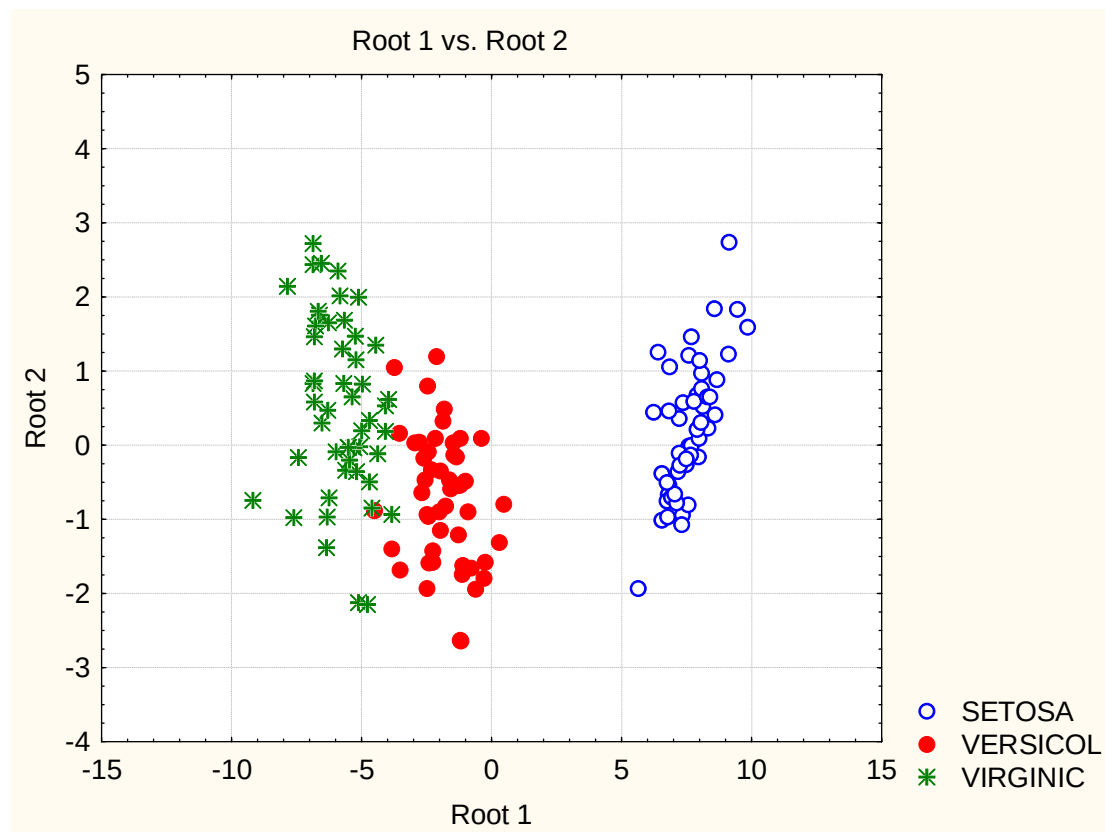
Number of variables in the model: 4

Wilks' Lambda: .0234386 approx. $F(8, 288) = 199.1454$ $p < 0.0000$

Chi-Square Tests with Successive Roots Removed (Irisdat.sta)					
	Eigen- - value	Canonical - R	Wilks' - Lambda	Chi-Sqr.	df p-level
0	32.19193	0.984821	0.023439	546.1153	8 0.000000
1	0.28539	0.471197	0.777973	36.5297	3 0.000000

Standardized Coefficients (Irisdat.sta) for Canonical Variables

	Root 1	Root 2
SEPALLEN	0.42695	0.012408
SEPALWID	0.52124	0.735261
PETALLEN	-0.94726	-0.401038
PETALWID	-0.57516	0.581040
Eigenval	32.19193	0.285391
Cum.Prop	0.99121	1.000000



Factor Structure Matrix (Irisdat.sta) Correlations Variables - Canonical Roots (Pooled-within-groups correlations)

	Root 1	Root 2
SEPALLEN	-0.222596	0.310812
SEPALWID	0.119012	0.863681
PETALLEN	-0.706065	0.167701
PETALWID	-0.633178	0.737242

Discriminant Function Analysis Summary (Irisdat.sta) No. of vars in model: 4; Grouping: IRISTYPE (3 grps) Wilks' Lambda: .02344 approx. $F(8, 288) = 199.15$ $p < 0.0000$

	Wilks' - Lambda	Partial - Lambda	F-remove - (2,144)	p-level	Toler.	1-Toler. - (R-Sqr.)
SEPALLEN	0.024976	0.938464	4.72115	0.010329	0.347993	0.652007
SEPALWID	0.030580	0.766480	21.93593	0.000000	0.608859	0.391141
PETALLEN	0.035025	0.669206	35.59018	0.000000	0.365126	0.634874
PETALWID	0.031546	0.743001	24.90433	0.000000	0.649314	0.350686

Squared Mahalanobis Distances (Irisdat.sta)

	SETOSA	VERSICOL	VIRGINIC
SETOSA	0.0000	89.86419	179.3847
VERSICOL	89.8642	0.00000	17.2011
VIRGINIC	179.3847	17.20107	0.0000

Проверка гипотезы с пом. Hotelling test T^2 : везде p-level=0.

Summary of Stepwise Analysis (Irisdat.sta)

	Step	F to - entr/rem	df 1	df 2	p-level	No. of - vars. in	Lambda	F-value	df 1	df 2	p-level
SEPALLEN-(R)	1	4.72115	2	144	0.010329	3.000000	0.024976	257.503	6	290	0.00
PETALWID-(R)	2	34.56869	2	145	0.000000	2.000000	0.036884	307.105	4	292	0.00
SEPALWID-(R)	3	43.03545	2	146	0.000000	1.000000	0.058628	1180.161	2	147	0.00

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