

MRS 4 Julia Fortunata

NB Fordisc – def Male  
Using unfiltered FDB

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FORDISC 3.0 Analysis of Current Case  
MRS 4

DF results using 9 Forward % selected (min: 1 max: 20, out of 14) Variables:  
NLB AUB UFBR FRC UFHT NLH XCB PAC EKB

From Group	Group Counts	Into Group BM	Into Group WM	Percent Correct
BM	66	58	8	87.9 %
WM	115	12	103	89.6 %

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Total Correct: 161 / 181 ( 89.0 %) \*\*\* CROSSVALIDATED \*\*\*  
Two Group Discriminant Function Results

Group	Classified into	Distance from	Probabilities Posterior	Typ F	Typ Chi	Typ R
BM		11.1	0.081	0.403	0.197	0.299 (47/67)
WM	**WM**	6.2	0.919	0.763	0.623	0.638 (42/116)

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Group Means and Discriminant Function Coefficients

Current Case	Chk	BM 66	WM 115	D.F. Weights	Relative Weights
NLB	23 -	26.1	23.7	0.677	36.1 %
AUB	133 ++	120.6	123.5	-0.202	12.5 %

UFBR	108		108.0	105.3	0.079	4.5 %
FRC	110	-	112.9	114.1	-0.109	2.6 %
UFHT	74	+	72.7	70.8	0.408	16.7 %
NLH	53		51.9	52.9	-0.446	10.4 %
XCB	147	++	136.3	140.5	-0.070	6.3 %
PAC	116	-	116.9	118.6	-0.059	2.2 %
EKB	102	+	100.4	97.7	0.149	8.6 %

Constant 7.687

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 Scores 2.315 -2.315 -2.434  
 (Class means) (Unknown)  
 D square = 4.631  
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Natural Log of Determinant = 23.2981

### Howells unfiltered males

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 FORDISC 3.0 Analysis of Current Case  
 MRS 4

DF results using 12 variables:

AUB DKB EKB FRC GOL MDH NLB NLH OBB OBH  
 PAC XCB

From Group	Total Number	Into Group												Percent Correct
		BERM	BM19	BM20	BUSM	DOGM	EGYM	NORM	TEIM	WM19	WM20	ZALM	ZULM	
BERM	56	39	0	1	1	1	3	8	0	1	1	1	0	69.6 %
BM19	74	0	40	10	0	2	3	1	7	10	1	0	0	54.1 %
BM20	112	1	16	43	1	3	8	6	11	5	10	1	7	38.4 %
BUSM	41	0	0	0	31	3	0	0	0	0	0	2	5	75.6 %
DOGM	47	0	1	2	5	31	0	0	5	0	0	0	3	66.0 %
EGYM	58	1	0	1	1	0	30	4	0	3	7	9	2	51.7 %
NORM	55	4	1	5	0	1	8	21	1	1	3	10	0	38.2 %
TEIM	33	0	2	7	3	0	0	0	17	0	0	1	3	51.5 %
WM19	98	4	13	1	0	1	4	4	0	65	3	3	0	66.3 %
WM20	291	21	3	15	0	0	32	26	4	24	146	19	1	50.2 %
ZALM	53	4	1	2	2	0	4	12	1	2	7	18	0	34.0 %

ZULM 55 0 2 1 4 7 1 0 8 0 0 1 31 56.4 %

Total Correct: 512 out of 973 (52.6 %) \*\*\* CROSSVALIDATED \*\*\*

Multigroup Classification of Current Case

Group	Classified into	Distance from	Probabilities			
			Posterior	Typ F	Typ Chi	Typ R
NORM	**NORM**	7.0	0.300	0.928	0.856	0.661 (19/56)
WM20		7.7	0.213	0.828	0.807	0.825 (51/292)
BERM		8.3	0.161	0.875	0.764	0.561 (25/57)
WM19		8.4	0.148	0.822	0.750	0.737 (26/99)
ZALM		8.5	0.142	0.868	0.743	0.481 (28/54)
BM20		12.9	0.016	0.495	0.379	0.549 (51/113)
EGYM		12.9	0.016	0.595	0.373	0.186 (48/59)
BM19		15.5	0.004	0.390	0.215	0.267 (55/75)
TEIM		23.5	0.000	0.317	0.024	0.029 (33/34)
ZULM		26.9	0.000	0.088	0.008	0.000 (56/56)
DOGM		31.6	0.000	0.060	0.002	0.000 (48/48)
BUSM		36.2	0.000	0.047	0.000	0.000 (42/42)

Current Case is closest to NORMs

Current Case	Chk	Group Means											
		BERM 56	BM19 74	BM20 112	BUSM 41	DOGM 47	EGYM 58	NORM 55	TEIM 33	WM19 98	WM20 291	ZALM 53	ZULM 55
AUB 133	+	127.5	119.9	121.1	113.2	115.3	118.6	124.7	117.4	123.5	123.4	123.7	116.2
DKB 23		22.9	25.2	23.8	21.7	23.5	20.9	22.3	24.2	23.2	21.1	21.4	23.5
EKB 102	+	98.7	100.9	100.8	97.0	99.3	95.8	98.9	99.8	97.7	98.2	97.7	100.9
FRC 110		111.1	110.5	112.6	109.2	110.2	111.9	113.1	108.8	111.2	114.5	112.7	111.7
GOL 188		180.3	186.6	186.8	178.4	177.7	185.6	188.5	184.0	183.1	188.3	185.1	185.1
MDH 32		28.3	30.4	32.3	25.2	29.0	30.2	29.5	29.2	29.5	31.8	29.5	28.4
NLB 23	-	25.5	25.8	26.1	27.2	28.4	24.8	25.4	27.8	23.5	24.0	25.4	28.7
NLH 53		51.7	51.2	51.9	43.8	47.7	51.7	52.0	50.2	52.8	53.0	51.4	50.0
OBB 41		40.1	38.6	40.7	39.3	39.6	39.5	40.4	39.5	38.1	41.2	40.0	40.4
OBH 35		33.8	34.2	35.0	30.8	33.7	32.9	33.7	33.2	33.2	33.8	32.7	33.8
PAC 116		110.1	122.5	117.3	109.5	112.1	115.7	114.4	114.3	120.4	118.6	115.3	115.3
XCB 147		147.6	137.6	136.6	133.6	137.5	139.2	141.9	129.8	142.7	140.6	141.4	134.1

Natural Log of Determinant = 26.8325

## Howells stepwise filtered males

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 FORDISC 3.0 Analysis of Current Case

MRS 4

DF results using 11 Forward % selected (min: 1 max: 20, out of 12) variables:

OBB NLB EKB AUB GOL OBH PAC XCB MDH FRC  
 NLH

From Group	Total Number	Into Group												Percent Correct
		BERM	BM19	BM20	BUSM	DOGM	EGYM	NORM	TEIM	WM19	WM20	ZALM	ZULM	
BERM	56	37	0	1	1	1	3	7	0	1	2	3	0	66.1 %
BM19	74	0	41	8	0	2	4	1	6	10	0	1	1	55.4 %
BM20	112	1	18	42	1	2	11	4	13	5	9	2	4	37.5 %
BUSM	41	0	0	0	31	3	0	0	0	0	0	2	5	75.6 %
DOGM	47	0	1	2	5	31	0	0	4	0	0	0	4	66.0 %
EGYM	58	1	0	2	1	0	30	4	0	2	6	10	2	51.7 %
NORM	55	5	1	5	0	1	8	20	1	1	4	9	0	36.4 %
TEIM	33	0	2	7	3	0	0	0	18	0	0	1	2	54.5 %
WM19	98	5	13	0	0	1	4	4	0	66	3	2	0	67.3 %
WM20	291	17	4	21	0	0	29	24	4	23	146	22	1	50.2 %
ZALM	53	4	1	2	3	0	4	12	1	2	8	16	0	30.2 %
ZULM	55	0	2	3	3	5	1	1	9	0	0	0	31	56.4 %

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 Total Correct: 509 out of 973 (52.3 %) \*\*\* CROSSVALIDATED \*\*\*

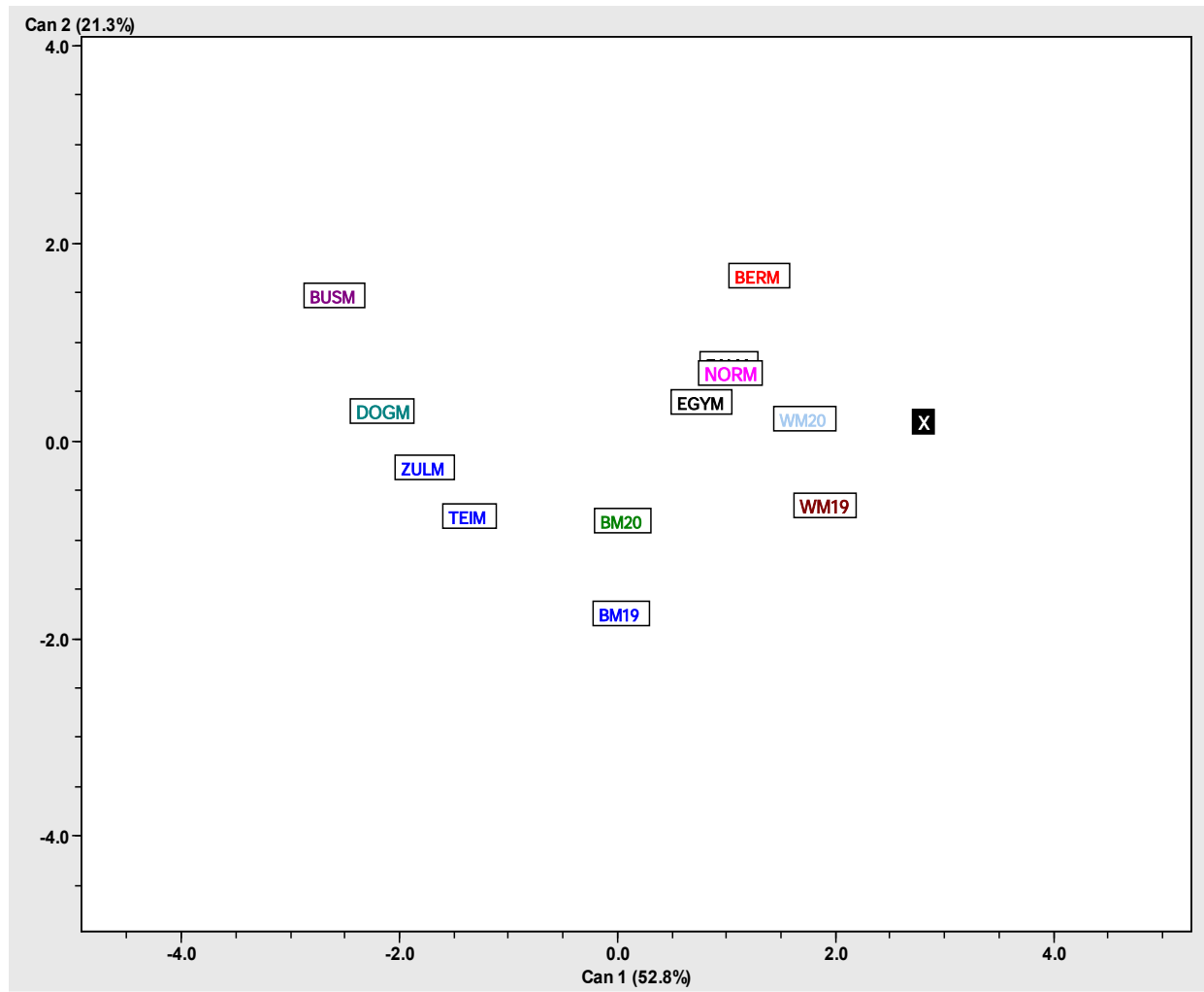
### Multigroup Classification of Current Case

Group	Classified into	Distance from	Probabilities			
			Posterior	Typ F	Typ Chi	Typ R
NORM	**NORM**	7.0	0.296	0.887	0.799	0.589 (23/56)
WM20		7.7	0.208	0.763	0.739	0.777 (65/292)
BERM		8.1	0.172	0.826	0.706	0.544 (26/57)
WM19		8.4	0.145	0.753	0.674	0.677 (32/99)
ZALM		8.5	0.141	0.809	0.670	0.407 (32/54)
BM20		12.5	0.019	0.430	0.326	0.469 (60/113)
EGYM		12.9	0.015	0.501	0.298	0.119 (52/59)
BM19		15.3	0.005	0.315	0.169	0.240 (57/75)
TEIM		23.2	0.000	0.238	0.017	0.000 (34/34)
ZULM		26.9	0.000	0.057	0.005	0.000 (56/56)
DOGM		31.5	0.000	0.038	0.001	0.000 (48/48)
BUSM		36.2	0.000	0.028	0.000	0.000 (42/42)

Current Case is closest to NORMs

			Group Means											
Current Case	Chk		BERM 56	BM19 74	BM20 112	BUSM 41	DOGM 47	EGYM 58	NORM 55	TEIM 33	WM19 98	WM20 291	ZALM 53	ZULM 55
OBB	41		40.1	38.6	40.7	39.3	39.6	39.5	40.4	39.5	38.1	41.2	40.0	40.4
NLB	23	-	25.5	25.8	26.1	27.2	28.4	24.8	25.4	27.8	23.5	24.0	25.4	28.7
EKB	102	+	98.7	100.9	100.8	97.0	99.3	95.8	98.9	99.8	97.7	98.2	97.7	100.9
AUB	133	+	127.5	119.9	121.1	113.2	115.3	118.6	124.7	117.4	123.5	123.4	123.7	116.2
GOL	188		180.3	186.6	186.8	178.4	177.7	185.6	188.5	184.0	183.1	188.3	185.1	185.1
OBH	35		33.8	34.2	35.0	30.8	33.7	32.9	33.7	33.2	33.2	33.8	32.7	33.8
PAC	116		110.1	122.5	117.3	109.5	112.1	115.7	114.4	114.3	120.4	118.6	115.3	115.3
XCB	147		147.6	137.6	136.6	133.6	137.5	139.2	141.9	129.8	142.7	140.6	141.4	134.1
MDH	32		28.3	30.4	32.3	25.2	29.0	30.2	29.5	29.2	29.5	31.8	29.5	28.4
FRC	110		111.1	110.5	112.6	109.2	110.2	111.9	113.1	108.8	111.2	114.5	112.7	111.7
NLH	53		51.7	51.2	51.9	43.8	47.7	51.7	52.0	50.2	52.8	53.0	51.4	50.0

Natural Log of Determinant = 25.7023



also ran stepwise unweighted in howells - even more 'white'

Can 2 (21.4%)

