

MRS 10

Test for M/F = male

FDB unfiltered

FORDISC 3.0 Analysis of Current Case
MRS 10

DF results using 23 Variables:

AUB	BBH	BNL	BPL	DKB	EKB	FOB	FOL	FRC	GOL
MAB	MAL	MDH	NLB	NLH	OBB	OBH	OCC	PAC	UFBR
UFHT	XCB	ZYB							

From Group	Group Counts	Into Group BM	Into Group WM	Percent Correct
BM	48	43	5	89.6 %
WM	90	7	83	92.2 %

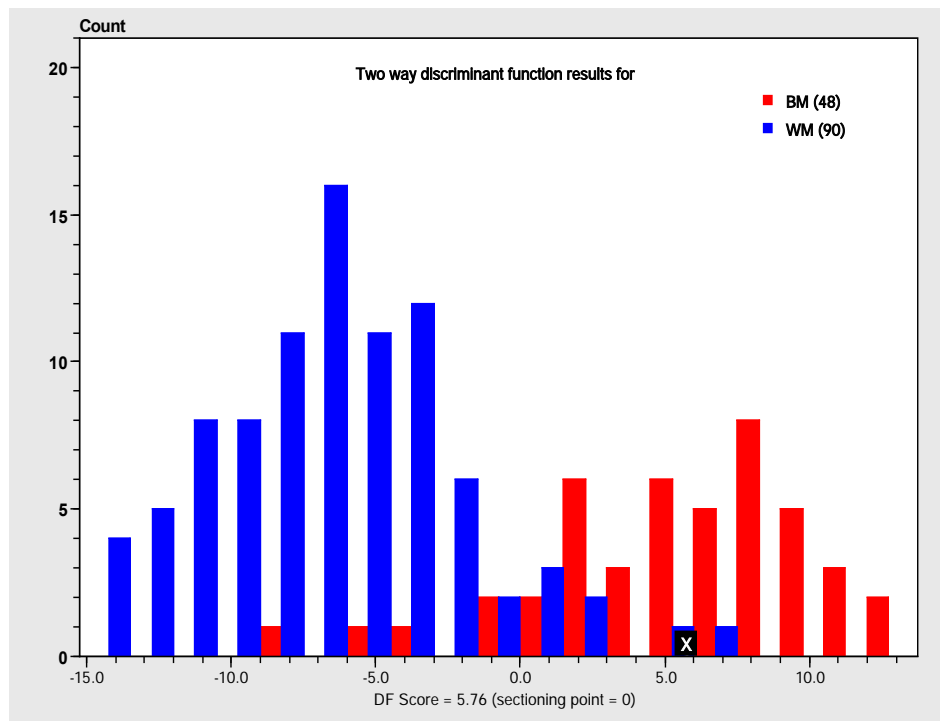
Total Correct: 126 / 138 (91.3 %) *** CROSSVALIDATED ***
Two Group Discriminant Function Results

Group	Classified into	Distance from	Probabilities			
			Posterior	Typ F	Typ Chi	Typ R
BM	**BM**	17.4	0.997	0.986	0.742	0.776 (11/49)
WM		28.9	0.003	0.554	0.147	0.352 (59/91)

Group Means and Discriminant Function Coefficients

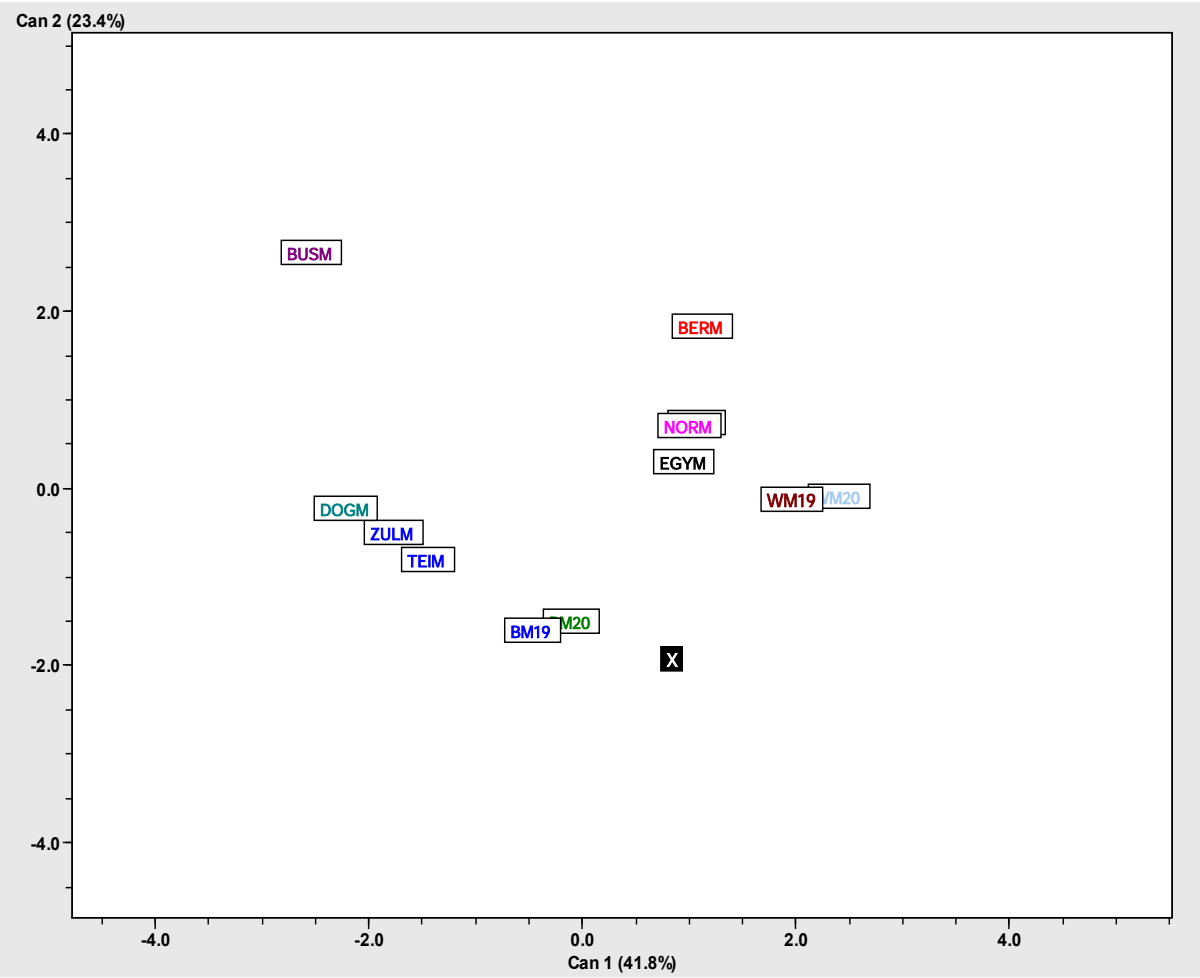
Current Case	Chk	BM 48	WM 90	D.F. Weights	Relative Weights	
AUB	126	+	120.2	123.5	-0.407	9.2 %
BBH	141		135.1	142.3	-0.149	7.3 %
BNL	108	+	103.3	106.5	-0.394	8.6 %
BPL	108	+	104.0	97.9	0.298	12.4 %
DKB	25	+	24.3	21.4	0.487	9.4 %
EKB	102	+	100.1	97.7	-0.147	2.4 %
FOB	32	+	29.1	31.6	-0.328	5.7 %
FOL	37	-	37.3	37.5	0.019	0.0 %
FRC	113	-	113.0	114.0	-0.021	0.1 %
GOL	185	-	187.3	187.8	0.086	0.3 %
MAB	69	+	65.7	61.7	0.207	5.6 %
MAL	60	+	58.1	54.1	0.185	5.0 %
MDH	35	+	32.3	32.0	0.107	0.1 %
NLB	26		26.3	23.7	0.699	12.5 %
NLH	54	+	51.8	52.6	-0.267	1.5 %
OBB	41	+	40.4	40.9	0.002	0.0 %
OBH	34		34.9	33.3	0.962	10.0 %
OCC	94	-	98.1	100.8	-0.187	3.4 %
PAC	115	-	116.5	118.4	-0.056	0.7 %
UFBR	108	+	107.6	105.4	-0.076	1.1 %
UFHT	71		72.8	70.7	0.120	1.7 %
XCB	142	+	136.4	141.1	-0.040	1.3 %
ZYB	141	+++	131.1	130.5	0.389	1.5 %
Constant					-3.636	
Scores			6.824	-6.824	5.763	
			(Class means)		(Unknown)	
			D square = 13.649			

Natural Log of Determinant = 52.3501



MRS 10 - FDB unfiltered

Howells - unfiltered



Howells results unfiltered

 FORDISC 3.0 Analysis of Current Case

MRS 10

DF results using 19 variables:

AUB BBH BNL BPL DKB EKB FOL FRC GOL MAB
 MDH NLB NLH OBB OBH OCC PAC XCB ZYB

From Group	Total Number	Into Group												Percent Correct
		BERM	BM19	BM20	BUSM	DOGM	EGYM	NORM	TEIM	WM19	WM20	ZALM	ZULM	
BERM	56	35	0	1	1	2	3	9	0	2	0	3	0	62.5 %
BM19	74	0	53	6	0	0	2	1	6	3	0	2	1	71.6 %
BM20	100	1	13	51	0	3	5	4	7	1	6	3	6	51.0 %
BUSM	41	0	0	0	38	0	0	0	0	0	0	0	3	92.7 %
DOGM	47	0	0	1	0	36	0	0	3	0	0	0	7	76.6 %
EGYM	58	0	1	2	1	0	33	7	0	1	2	10	1	56.9 %
NORM	55	4	1	1	0	1	6	28	1	1	2	10	0	50.9 %
TEIM	33	0	1	1	1	1	0	1	25	0	0	0	3	75.8 %
WM19	98	5	8	1	0	0	6	4	0	69	3	2	0	70.4 %
WM20	221	2	1	5	0	0	11	6	1	18	168	7	2	76.0 %
ZALM	53	5	2	0	1	0	4	13	0	0	5	22	1	41.5 %
ZULM	55	0	1	4	0	8	2	1	7	0	0	0	32	58.2 %

 Total Correct: 590 out of 891 (66.2 %) *** CROSSVALIDATED ***

Multigroup Classification of Current Case

Group	Classified into	Distance from	Probabilities			
			Posterior	Typ F	Typ Chi	Typ R
BM20	**BM20**	11.8	0.763	0.955	0.895	0.950 (5/101)
ZALM		15.9	0.098	0.924	0.665	0.407 (32/54)
EGYM		17.6	0.041	0.865	0.549	0.237 (45/59)
BM19		18.0	0.033	0.797	0.520	0.613 (29/75)
NORM		18.4	0.027	0.853	0.493	0.214 (44/56)
ZULM		20.3	0.011	0.795	0.376	0.232 (43/56)
TEIM		20.6	0.009	0.942	0.360	0.294 (24/34)
DOGM		21.2	0.007	0.822	0.329	0.063 (45/48)
WM20		21.5	0.006	0.425	0.312	0.423 (128/222)
BERM		23.2	0.003	0.685	0.228	0.193 (46/57)
WM19		23.3	0.002	0.482	0.223	0.253 (74/99)
BUSM		49.9	0.000	0.218	0.000	0.000 (42/42)

Current Case is closest to BM20s

Current Case	Case	Chk	Group Means											
			BERM 56	BM19 74	BM20 100	BUSM 41	DOGM 47	EGYM 58	NORM 55	TEIM 33	WM19 98	WM20 221	ZALM 53	ZULM 55
AUB	126		127.5	119.9	121.0	113.2	115.3	118.6	124.7	117.4	123.5	123.2	123.7	116.2
BBH	141		130.3	130.5	135.7	122.5	132.1	133.7	131.7	129.1	133.9	141.6	134.8	133.7
BNL	108	+	98.6	101.3	103.3	94.8	98.5	101.5	101.8	102.2	101.1	106.2	101.3	102.0
BPL	108	+	93.8	103.0	103.7	93.7	100.0	96.5	97.0	102.5	94.9	97.4	97.1	102.4
DKB	25		22.9	25.2	24.0	21.7	23.5	20.9	22.3	24.2	23.2	21.1	21.4	23.5
EKB	102	+	98.7	100.9	101.0	97.0	99.3	95.8	98.9	99.8	97.7	97.9	97.7	100.9
FOL	37		39.0	35.8	36.9	37.1	35.0	35.7	36.5	36.1	36.3	37.2	37.2	37.3
FRC	113		111.1	110.5	112.5	109.2	110.2	111.9	113.1	108.8	111.2	114.3	112.7	111.7
GOL	185		180.3	186.6	186.8	178.4	177.7	185.6	188.5	184.0	183.1	188.2	185.1	185.1
MAB	69	+	63.9	66.0	66.7	60.0	64.4	62.8	63.6	62.8	59.6	61.5	64.2	65.3
MDH	35	+	28.3	30.4	32.4	25.2	29.0	30.2	29.5	29.2	29.5	32.1	29.5	28.4
NLB	26		25.5	25.8	26.1	27.2	28.4	24.8	25.4	27.8	23.5	23.8	25.4	28.7
NLH	54	+	51.7	51.2	51.8	43.8	47.7	51.7	52.0	50.2	52.8	52.8	51.4	50.0
OBH	41		40.1	38.6	40.7	39.3	39.6	39.5	40.4	39.5	38.1	41.0	40.0	40.4
OBH	34		33.8	34.2	35.0	30.8	33.7	32.9	33.7	33.2	33.2	33.7	32.7	33.8
OCC	94		94.0	92.1	97.7	88.6	94.5	97.5	97.3	93.7	93.5	100.6	96.2	96.5
PAC	115		110.1	122.5	117.4	109.5	112.1	115.7	114.4	114.3	120.4	118.7	115.3	115.3
XCB	142		147.6	137.6	136.5	133.6	137.5	139.2	141.9	129.8	142.7	140.2	141.4	134.1
ZYB	141	++	135.6	131.9	131.6	123.6	129.6	128.8	134.4	131.1	132.1	130.1	133.0	129.9

Natural Log of Determinant = 43.6355

Unfiltered - using Howells, closest to Black male, but with wider cheek bones than would be expected within the norm of this group.

Howells stepwise filtered unweighted

FORDISC 3.0 Analysis of Current Case

MRS 10

DF results using 15 Forward % selected (min: 1 max: 20, out of 19) variables:

BBH	MAB	XCB	PAC	NLB	MDH	DKB	GOL	AUB	ZYB
NLH	OBH	OBB	BPL	BNL					

From Group	Total Number	Into Group												Percent Correct
		BERM	BM19	BM20	BUSM	DOGM	EGYM	NORM	TEIM	WM19	WM20	ZALM	ZULM	
BERM	56	36	1	0	1	2	3	9	0	1	1	2	0	64.3 %
BM19	74	0	51	6	0	1	1	1	8	3	0	2	1	68.9 %
BM20	100	0	14	51	0	1	4	6	7	1	6	2	8	51.0 %
BUSM	41	0	0	0	35	0	0	1	3	0	0	0	2	85.4 %
DOGM	47	0	0	1	1	36	0	0	4	0	0	0	5	76.6 %
EGYM	58	0	2	2	1	0	33	4	0	1	3	10	2	56.9 %
NORM	55	4	1	1	0	1	6	29	1	2	2	8	0	52.7 %
TEIM	33	0	3	1	1	1	0	1	23	0	0	0	3	69.7 %
WM19	98	5	7	1	0	0	7	3	0	68	4	3	0	69.4 %
WM20	221	3	2	5	0	0	11	6	1	15	169	8	1	76.5 %
ZALM	53	4	1	1	2	0	7	13	0	1	4	20	0	37.7 %
ZULM	55	0	0	4	1	9	2	0	9	0	0	0	30	54.5 %

Total Correct: 581 out of 891 (65.2 %) *** CROSSVALIDATED ***

Multigroup Classification of Current Case

Group	Classified into	Distance from	Probabilities			
			Posterior	Typ F	Typ Chi	Typ R
BM20	**BM20**	9.3	0.765	0.918	0.860	0.911 (9/101)
BM19		14.2	0.068	0.722	0.513	0.640 (27/75)
ZALM		14.3	0.062	0.782	0.501	0.259 (40/54)
EGYM		15.5	0.035	0.707	0.418	0.237 (45/59)
NORM		16.6	0.020	0.666	0.343	0.125 (49/56)
ZULM		17.3	0.014	0.634	0.304	0.232 (43/56)
TEIM		17.7	0.011	0.802	0.277	0.176 (28/34)
WM20		18.1	0.009	0.334	0.256	0.396 (134/222)
WM19		18.5	0.008	0.418	0.235	0.343 (65/99)
DOGM		19.4	0.005	0.589	0.195	0.063 (45/48)
BERM		21.5	0.002	0.430	0.122	0.088 (52/57)
BUSM		45.2	0.000	0.071	0.000	0.000 (42/42)

Current Case is closest to BM20s

Current Case	Chk	Group Means											
		BERM	BM19	BM20	BUSM	DOGM	EGYM	NORM	TEIM	WM19	WM20	ZALM	ZULM
		56	74	100	41	47	58	55	33	98	221	53	55
BBH	141	130.3	130.5	135.7	122.5	132.1	133.7	131.7	129.1	133.9	141.6	134.8	133.7
MAB	69	63.9	66.0	66.7	60.0	64.4	62.8	63.6	62.8	59.6	61.5	64.2	65.3

XCB	142		147.6	137.6	136.5	133.6	137.5	139.2	141.9	129.8	142.7	140.2	141.4	134.1
PAC	115		110.1	122.5	117.4	109.5	112.1	115.7	114.4	114.3	120.4	118.7	115.3	115.3
NLB	26		25.5	25.8	26.1	27.2	28.4	24.8	25.4	27.8	23.5	23.8	25.4	28.7
MDH	35	+	28.3	30.4	32.4	25.2	29.0	30.2	29.5	29.2	29.5	32.1	29.5	28.4
DKB	25		22.9	25.2	24.0	21.7	23.5	20.9	22.3	24.2	23.2	21.1	21.4	23.5
GOL	185		180.3	186.6	186.8	178.4	177.7	185.6	188.5	184.0	183.1	188.2	185.1	185.1
AUB	126		127.5	119.9	121.0	113.2	115.3	118.6	124.7	117.4	123.5	123.2	123.7	116.2
ZYB	141	++	135.6	131.9	131.6	123.6	129.6	128.8	134.4	131.1	132.1	130.1	133.0	129.9
NLH	54	+	51.7	51.2	51.8	43.8	47.7	51.7	52.0	50.2	52.8	52.8	51.4	50.0
OBH	34		33.8	34.2	35.0	30.8	33.7	32.9	33.7	33.2	33.2	33.7	32.7	33.8
OBB	41		40.1	38.6	40.7	39.3	39.6	39.5	40.4	39.5	38.1	41.0	40.0	40.4
BPL	108	+	93.8	103.0	103.7	93.7	100.0	96.5	97.0	102.5	94.9	97.4	97.1	102.4
BNL	108	+	98.6	101.3	103.3	94.8	98.5	101.5	101.8	102.2	101.1	106.2	101.3	102.0

Natural Log of Determinant = 35.0017

Howells stepwise filtered MRS 12

