

# MRS 48

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 FORDISC 3.0 Analysis of Current Case  
 MRS 48

DF results using 17 Variables:

BBH    BNL    BPL    DKB    EKB    FRC    GOL    MAB    MAL    NLB  
 NLH    OBB    OBH    PAC    UFBR    UFHT    XCB

From Group	Group Counts	Into Group BF	Into Group WF	Percent Correct
BF	50	46	4	92.0 %
WF	81	6	75	92.6 %

Total Correct:    121 / 131 ( 92.4 %) \*\*\* CROSSVALIDATED \*\*\*  
 Two Group Discriminant Function Results

Group	Classified into	Distance from	Probabilities Posterior	Typ F	Typ Chi	Typ R
BF		26.8	0.005	0.445	0.044	0.118 (45/51)
WF	**WF**	16.3	0.995	0.734	0.434	0.659 (28/82)

## Group Means and Discriminant Function Coefficients

Current Case	Chk	BF 50	WF 81	D.F. Weights	Relative Weights
BBH	123 --	129.0	134.1	-0.234	9.9 %
BNL	96 -	97.5	98.9	-0.259	2.9 %
BPL	90 -	97.9	91.1	0.240	13.4 %
DKB	20 -	23.1	20.2	0.250	5.9 %
EKB	91 -	95.7	92.9	-0.072	1.7 %
FRC	104 -	107.1	109.6	0.059	1.2 %
GOL	178 -	179.5	178.3	0.088	0.9 %
MAB	56 -	63.0	57.3	0.336	15.8 %
MAL	48 -	54.9	50.5	0.216	7.8 %
NLB	19 --	25.2	22.2	0.976	24.0 %
NLH	47 -	47.8	49.1	-0.353	3.6 %
OBB	37 -	38.2	38.9	-0.564	3.5 %

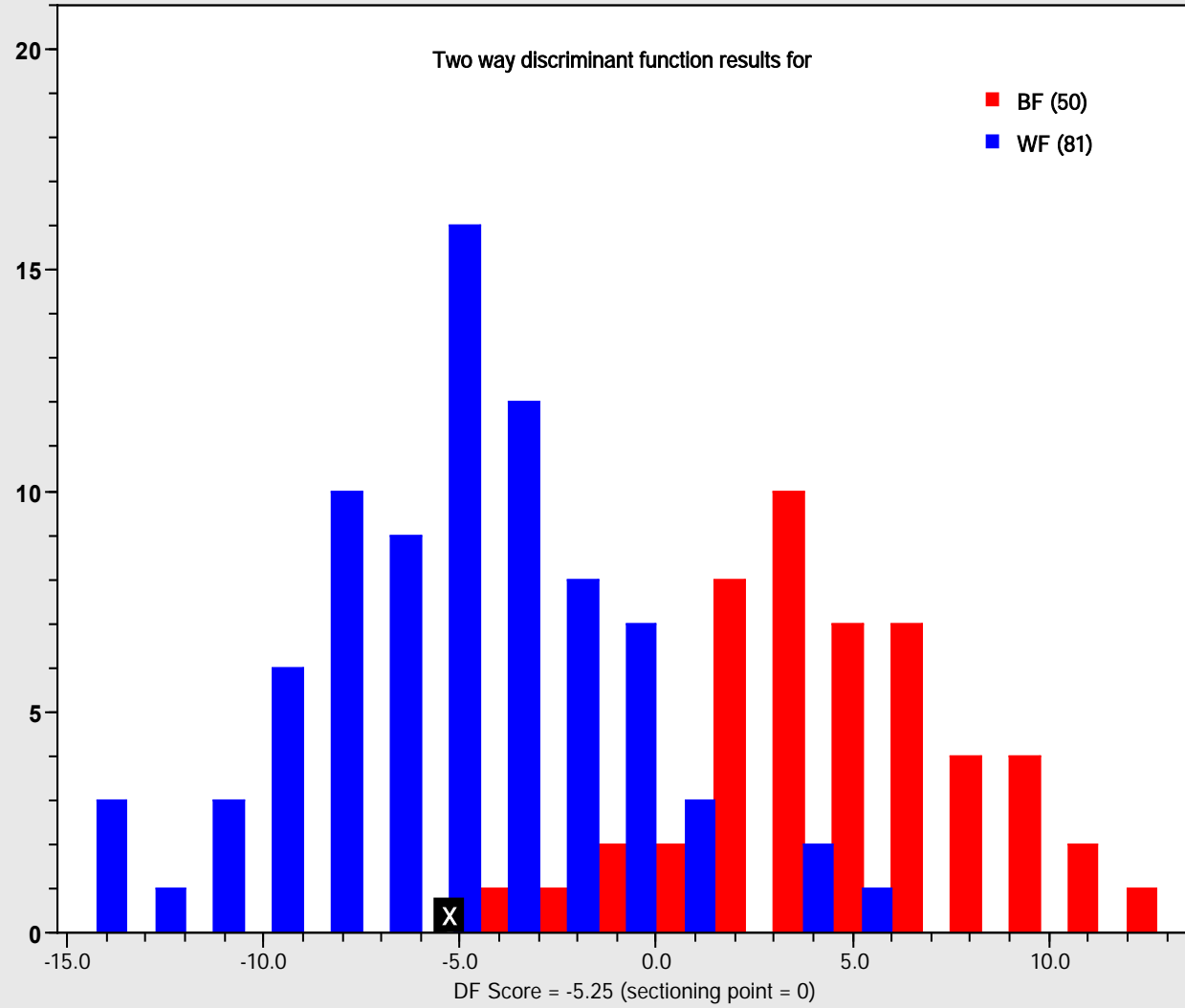
OBH	33	-	34.3	33.3	0.720	5.9 %
PAC	108	-	113.0	113.8	-0.029	0.2 %
UFBR	93	--	101.9	99.5	-0.051	1.0 %
UFHT	69	+	67.2	65.8	-0.019	0.2 %
XCB	138	+	132.6	134.9	-0.125	2.3 %

Constant -1.136

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Scores 5.607 -5.607 -5.253  
(Class means) (Unknown)  
D square = 11.214  
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Natural Log of Determinant = 36.9935

Count



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 FORDISC 3.0 Analysis of Current Case

MRS 48

DF results using 14 variables:

BBH BNL BPL DKB EKB FRC GOL MAB NLB NLH  
 OBB OBH PAC XCB

From Group	Total Number	Into Group												Percent Correct
		BERF	BF19	BF20	BUSF	DOGF	EGYF	NORF	TEIF	WF19	WF20	ZALF	ZULF	
BERF	53	32	0	2	0	1	2	8	0	1	0	7	0	60.4 %
BF19	75	2	46	14	4	0	1	1	2	3	1	0	1	61.3 %
BF20	80	2	20	30	1	8	3	3	4	0	3	2	4	37.5 %
BUSF	49	0	0	2	35	1	0	1	5	1	0	2	2	71.4 %
DOGF	52	1	0	3	2	34	0	0	3	0	0	0	9	65.4 %
EGYF	53	4	1	1	0	1	27	11	0	0	3	4	1	50.9 %
NORF	55	2	0	2	0	0	12	23	1	0	4	9	2	41.8 %
TEIF	50	0	1	0	6	5	0	0	33	0	0	0	5	66.0 %
WF19	75	5	4	2	0	0	1	3	1	53	3	3	0	70.7 %
WF20	160	4	0	4	0	3	12	6	0	14	104	12	1	65.0 %
ZALF	45	4	1	3	0	1	6	8	0	2	5	15	0	33.3 %
ZULF	46	1	0	4	4	2	0	0	5	0	0	2	28	60.9 %

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 Total Correct: 460 out of 793 (58.0 %) \*\*\* CROSSVALIDATED \*\*\*

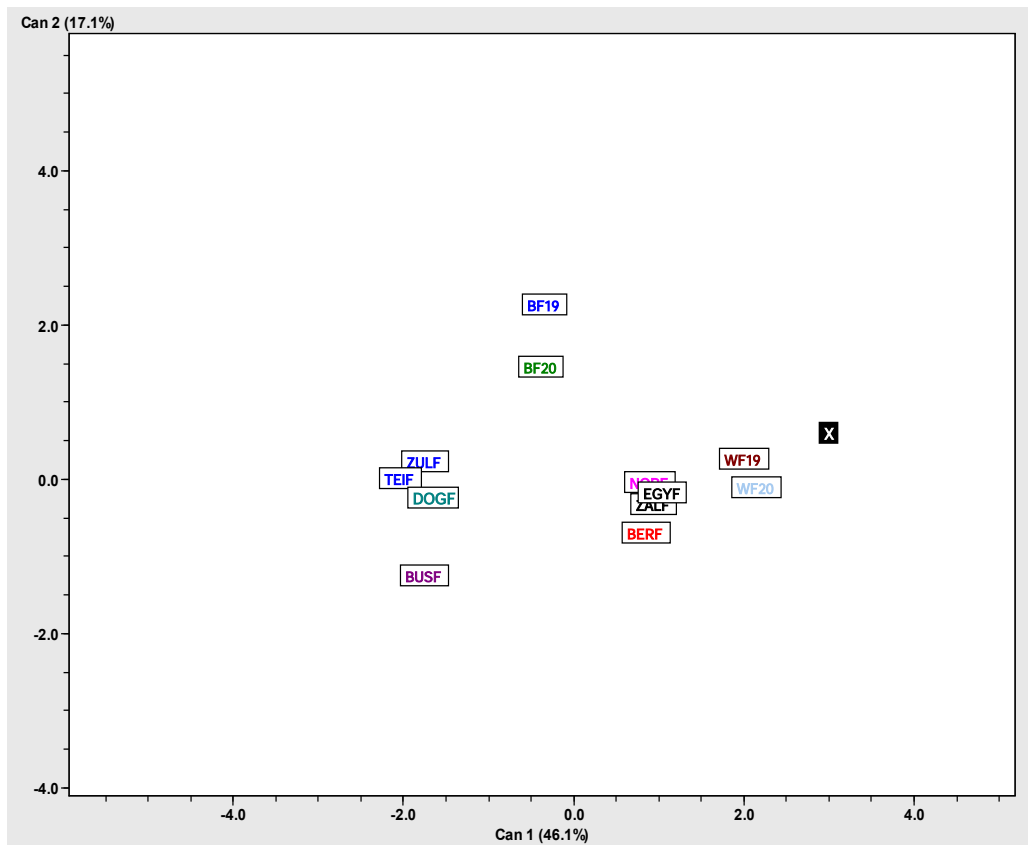
Multigroup Classification of Current Case

Group	Classified into	Distance from	Probabilities			
			Posterior	Typ F	Typ Chi	Typ R
NORF	**NORF**	11.1	0.372	0.855	0.676	0.500 (28/56)
WF19		11.7	0.281	0.785	0.631	0.789 (16/76)
WF20		12.8	0.158	0.628	0.539	0.646 (57/161)
EGYF		13.5	0.115	0.752	0.489	0.185 (44/54)
ZALF		15.3	0.046	0.708	0.359	0.196 (37/46)
BERF		17.1	0.018	0.565	0.249	0.204 (43/54)
BF19		19.7	0.005	0.341	0.141	0.316 (52/76)
BF20		20.2	0.004	0.302	0.123	0.259 (60/81)
BUSF		29.3	0.000	0.164	0.010	0.000 (50/50)
TEIF		34.6	0.000	0.081	0.002	0.000 (51/51)
ZULF		35.9	0.000	0.086	0.001	0.000 (47/47)
DOGF		37.4	0.000	0.051	0.001	0.000 (53/53)

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 Current Case is closest to NORFs  
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Current Case	Case	Chk	Group Means											
			BERF 53	BF19 75	BF20 80	BUSF 49	DOGF 52	EGYF 53	NORF 55	TEIF 50	WF19 75	WF20 160	ZALF 45	ZULF 46
BBH	123		124.5	125.4	129.3	119.5	128.1	127.4	126.0	125.1	127.6	134.0	128.8	128.7
BNL	96		92.9	96.1	97.5	91.7	94.9	95.9	97.3	96.4	94.5	98.8	96.5	97.3
BPL	90		89.9	97.8	98.3	90.6	96.1	91.2	94.0	96.3	88.2	91.1	92.1	98.7
DKB	20		22.1	23.8	22.7	21.7	22.2	20.0	20.6	24.0	22.0	19.8	20.7	22.3
EKB	91	-	95.2	96.9	96.0	93.9	95.2	92.1	94.9	96.1	94.4	93.3	95.2	97.7
FRC	104	-	106.2	105.9	107.5	105.1	105.7	108.1	108.0	105.7	106.3	109.6	107.5	109.4
GOL	178		170.5	179.2	178.7	171.7	169.8	175.6	180.0	174.7	174.0	178.2	176.4	179.0
MAB	56		60.6	63.0	63.1	58.0	61.2	59.7	60.1	59.3	55.5	57.3	60.7	62.7
NLB	19	--	24.9	24.6	25.1	25.9	27.7	24.0	24.2	27.3	22.7	22.4	24.7	28.0
NLH	47		48.2	48.0	48.0	42.9	46.2	49.0	49.2	46.4	48.5	49.1	48.5	47.3
OBB	37		38.4	37.2	38.5	37.7	38.1	37.9	39.2	37.9	36.9	39.2	38.7	39.2
OBH	33		32.8	34.2	34.3	31.0	32.8	32.8	33.2	32.3	32.7	33.3	32.1	32.9
PAC	108		105.2	116.0	112.9	105.3	107.7	110.5	109.5	109.7	114.3	113.2	110.6	112.0
XCB	138		140.4	134.2	133.6	128.6	132.1	135.6	136.3	126.5	138.5	135.8	136.9	131.7

Natural Log of Determinant = 30.1714



stepwise filtered for MRS 48

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 FORDISC 3.0 Analysis of Current Case

MRS 48

DF results using 10 Forward % selected (min: 1 max: 20, out of 15) variables:

BBH XCB MAB GOL NLB DKB EKB OBB NLH OBH

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 From Total Into Group Percent

Group	Number	BERF	BF19	BF20	BUSF	DOGF	EGYF	NORF	TEIF	WF19	WF20	ZALF	ZULF	Correct
BERF	53	30	2	2	0	1	3	6	0	4	0	5	0	56.6 %
BF19	75	1	45	15	3	0	3	0	3	2	2	0	1	60.0 %
BF20	79	2	18	25	2	5	4	4	5	1	6	3	4	31.6 %
BUSF	49	0	1	2	35	1	0	1	4	1	0	1	3	71.4 %
DOGF	52	1	0	2	2	34	0	0	3	0	0	0	10	65.4 %
EGYF	53	3	1	1	0	0	30	8	0	1	3	5	1	56.6 %
NORF	55	3	1	3	1	0	10	23	1	0	3	7	3	41.8 %
TEIF	50	0	0	1	5	3	0	1	33	0	0	1	6	66.0 %
WF19	75	7	3	2	0	0	1	2	1	49	6	4	0	65.3 %
WF20	154	6	1	4	0	1	7	6	0	14	103	10	2	66.9 %
ZALF	45	4	2	2	0	2	8	5	0	2	4	15	1	33.3 %
ZULF	46	1	0	4	3	3	0	0	6	0	0	1	28	60.9 %

Total Correct: 450 out of 786 (57.3 %) \*\*\* CROSSVALIDATED \*\*\*

Multigroup Classification of Current Case

Group	Classified into	Distance from	Probabilities			
			Posterior	Typ F	Typ Chi	Typ R
WF19	**WF19**	8.7	0.498	0.674	0.564	0.724 (21/76)
NORF		10.3	0.218	0.589	0.412	0.286 (40/56)
WF20		11.7	0.109	0.370	0.305	0.432 (88/155)
EGYF		11.9	0.101	0.488	0.294	0.074 (50/54)
ZALF		14.2	0.032	0.388	0.166	0.065 (43/46)
BF19		15.3	0.018	0.236	0.122	0.224 (59/76)
BERF		15.5	0.017	0.286	0.116	0.093 (49/54)
BF20		17.2	0.007	0.156	0.069	0.163 (67/80)
BUSF		26.2	0.000	0.050	0.003	0.000 (50/50)
TEIF		32.2	0.000	0.017	0.000	0.000 (51/51)
ZULF		32.4	0.000	0.020	0.000	0.000 (47/47)
DOGF		34.8	0.000	0.009	0.000	0.000 (53/53)

Current Case is closest to WF19s

		Group Means											
Current Case	Chk	BERF	BF19	BF20	BUSF	DOGF	EGYF	NORF	TEIF	WF19	WF20	ZALF	ZULF
		53	75	79	49	52	53	55	50	75	154	45	46
BBH	123	124.5	125.4	129.3	119.5	128.1	127.4	126.0	125.1	127.6	134.1	128.8	128.7
XCB	138	140.4	134.2	133.7	128.6	132.1	135.6	136.3	126.5	138.5	135.9	136.9	131.7
MAB	56	60.6	63.0	63.2	58.0	61.2	59.7	60.1	59.3	55.5	57.3	60.7	62.7

GOL	178		170.5	179.2	178.7	171.7	169.8	175.6	180.0	174.7	174.0	178.3	176.4	179.0
NLB	19	--	24.9	24.6	25.0	25.9	27.7	24.0	24.2	27.3	22.7	22.4	24.7	28.0
DKB	20	-	22.1	23.8	22.7	21.7	22.2	20.0	20.6	24.0	22.0	19.9	20.7	22.3
EKB	91	-	95.2	96.9	96.0	93.9	95.2	92.1	94.9	96.1	94.4	93.6	95.2	97.7
OBB	37		38.4	37.2	38.5	37.7	38.1	37.9	39.2	37.9	36.9	39.2	38.7	39.2
NLH	47		48.2	48.0	48.0	42.9	46.2	49.0	49.2	46.4	48.5	49.1	48.5	47.3
OBH	33		32.8	34.2	34.3	31.0	32.8	32.8	33.2	32.3	32.7	33.3	32.1	32.9

Natural Log of Determinant = 19.9211

