

MRS 3 Howells no filters - female as definitely not male according to metrics

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 FORDISC 3.0 Analysis of Current Case  
 MRS 3

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
		BERF	BF19	BF20	BUSF	DOGF	EGYF	NORF	TEIF	WF19	WF20	ZALF	ZULF		
BERF	53	34	0	1	0	0	2	6	0	2	1	7	0	64.2 %	
BF19	75	1	49	11	1	0	2	0	4	3	0	0	4	65.3 %	
BF20	77	0	18	39	1	2	2	3	1	0	3	2	6	50.6 %	
BUSF	49	0	0	1	35	2	0	1	5	0	0	1	4	71.4 %	
DOGF	52	0	0	1	1	37	0	0	5	0	0	0	8	71.2 %	
EGYF	53	2	1	0	0	3	30	6	0	1	3	6	1	56.6 %	
NORF	55	2	1	3	0	0	8	25	0	0	3	11	2	45.5 %	
TEIF	50	0	0	1	2	2	0	1	38	0	0	1	5	76.0 %	
WF19	75	5	3	2	0	0	5	1	1	48	6	4	0	64.0 %	
WF20	151	3	0	3	0	1	5	4	0	13	108	14	0	71.5 %	
ZALF	45	5	3	1	0	1	3	8	0	3	4	16	1	35.6 %	
ZULF	46	1	0	2	6	6	0	2	3	0	0	1	25	54.3 %	

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 Total Correct:            484 out of 781 (62.0 %) \*\*\* CROSSVALIDATED \*\*\*

Multigroup Classification of Current Case

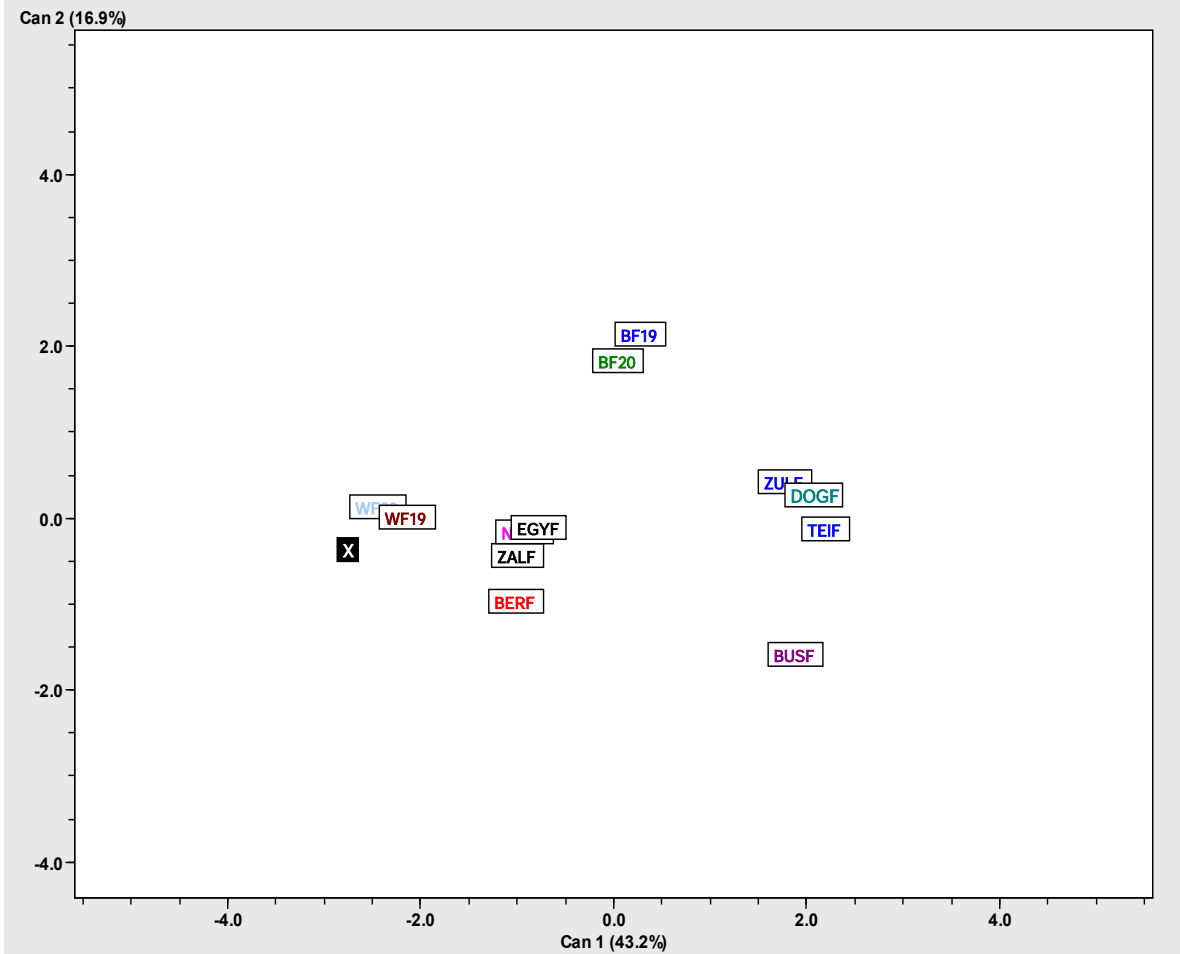
Group	Classified into	Distance from	Probabilities			
			Posterior	Typ F	Typ Chi	Typ R
WF19	**WF19**	22.4	0.769	0.606	0.264	0.342 (50/76)
BERF		25.3	0.185	0.635	0.152	0.111 (48/54)
NORF		29.6	0.021	0.464	0.057	0.000 (56/56)
EGYF		31.6	0.008	0.421	0.035	0.000 (54/54)
BF19		32.2	0.006	0.244	0.030	0.158 (64/76)
WF20		32.5	0.005	0.098	0.028	0.125 (133/152)
ZALF		33.0	0.004	0.488	0.024	0.000 (46/46)
BF20		34.7	0.002	0.176	0.015	0.115 (69/78)
BUSF		39.1	0.000	0.278	0.004	0.000 (50/50)
ZULF		52.2	0.000	0.124	0.000	0.000 (47/47)
TEIF		53.7	0.000	0.080	0.000	0.000 (51/51)
DOGF		56.2	0.000	0.055	0.000	0.000 (53/53)

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 Current Case is closest to WF19s  
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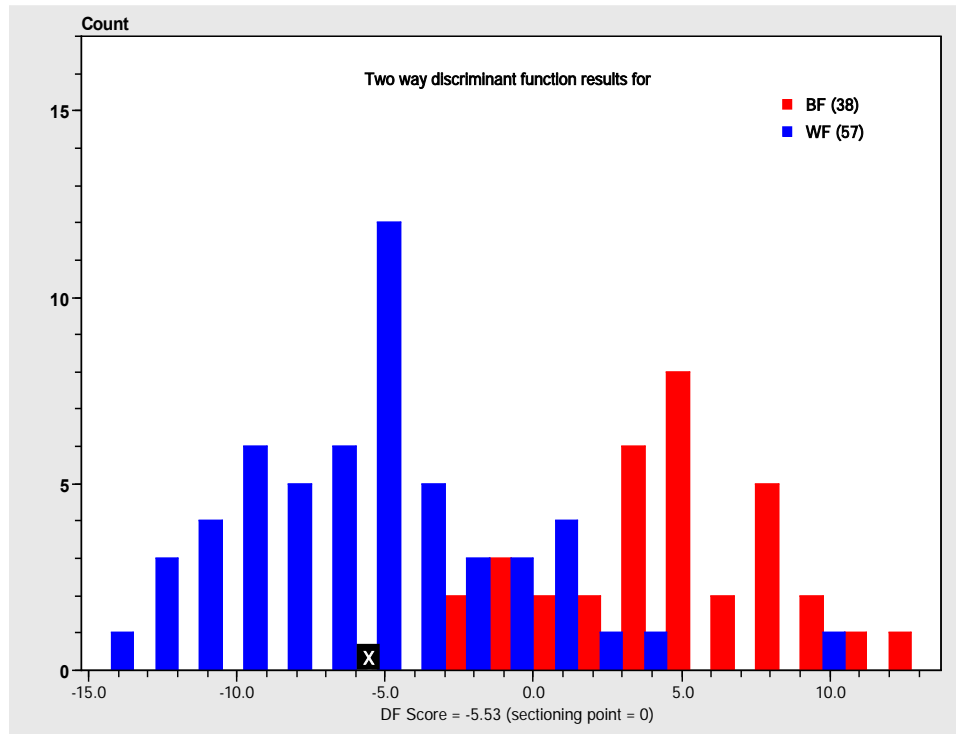
Current Case	Case No	Chk	Group Means											
			BERF 53	BF19 75	BF20 77	BUSF 49	DOGF 52	EGYF 53	NORF 55	TEIF 50	WF19 75	WF20 151	ZALF 45	ZULF 46
AUB	116		120.3	115.1	115.8	107.6	109.4	112.5	117.7	112.4	117.3	116.4	118.6	112.8
BBH	116	-	124.5	125.4	129.2	119.5	128.1	127.4	126.0	125.1	127.6	134.1	128.8	128.7
BNL	87	--	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	80	--	89.9	97.8	98.4	90.6	96.1	91.2	94.0	96.3	88.2	91.1	92.1	98.7
DKB	22		22.1	23.8	22.8	21.7	22.2	20.0	20.6	24.0	22.0	19.9	20.7	22.3
EKB	91	-	95.2	96.9	96.1	93.9	95.2	92.1	94.9	96.1	94.4	93.5	95.2	97.7
FOL	38	+	36.2	34.3	35.1	34.8	33.3	33.9	34.8	34.5	34.7	35.7	35.2	36.0
FRC	104	-	106.2	105.9	107.6	105.1	105.7	108.1	108.0	105.7	106.3	109.6	107.5	109.4
GOL	175		170.5	179.2	179.0	171.7	169.8	175.6	180.0	174.7	174.0	178.2	176.4	179.0
MAB	54	-	60.6	63.0	63.2	58.0	61.2	59.7	60.1	59.3	55.5	57.3	60.7	62.7
MDH	28		25.6	27.2	28.4	21.6	25.2	25.2	26.0	24.2	26.3	27.7	26.3	25.6
NLB	20	--	24.9	24.6	25.0	25.9	27.7	24.0	24.2	27.3	22.7	22.4	24.7	28.0
NLH	46		48.2	48.0	47.9	42.9	46.2	49.0	49.2	46.4	48.5	49.1	48.5	47.3
OBB	36	-	38.4	37.2	38.4	37.7	38.1	37.9	39.2	37.9	36.9	39.2	38.7	39.2
OBH	35	+	32.8	34.2	34.3	31.0	32.8	32.8	33.2	32.3	32.7	33.3	32.1	32.9
OCC	87	-	91.4	92.5	96.1	88.5	94.0	94.6	95.3	89.9	92.6	97.2	94.2	95.0
PAC	109		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	143	+	140.4	134.2	133.8	128.6	132.1	135.6	136.3	126.5	138.5	135.9	136.9	131.7
ZYB	120		126.4	124.0	122.7	116.5	121.0	120.1	124.4	124.2	122.7	120.7	125.4	122.8

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 Natural Log of Determinant = 40.4235  
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MRS 3 howells no filters / females



### FDB comparative - no filters – females



MRS 3 howells, females, stepwise filter

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 FORDISC 3.0 Analysis of Current Case

MRS 3

DF results using 11 Forward % selected (min: 1 max: 20, out of 19) variables:

BBH MAB XCB NLB OBB EKB GOL AUB MDH ZYB  
 BPL

From Group	Total Number	Into Group												Percent Correct
		BERF	BF19	BF20	BUSF	DOGF	EGYF	NORF	TEIF	WF19	WF20	ZALF	ZULF	
BERF	53	32	0	1	0	0	2	8	0	3	0	7	0	60.4 %
BF19	75	1	42	12	4	0	3	2	2	2	2	0	5	56.0 %
BF20	77	1	17	33	1	1	3	4	2	1	5	3	6	42.9 %
BUSF	49	0	1	1	37	1	2	2	3	0	0	0	2	75.5 %
DOGF	52	0	0	0	2	38	2	0	2	0	0	0	8	73.1 %
EGYF	53	2	2	1	1	2	27	5	0	1	3	7	2	50.9 %
NORF	55	1	2	2	0	1	3	28	0	0	3	13	2	50.9 %
TEIF	50	0	0	1	3	2	0	1	38	0	0	0	5	76.0 %
WF19	75	7	5	1	1	1	2	2	1	46	5	3	1	61.3 %
WF20	151	2	1	3	0	0	11	3	0	12	111	8	0	73.5 %
ZALF	45	7	2	3	0	1	2	7	0	2	4	16	1	35.6 %
ZULF	46	1	0	6	7	7	0	1	3	0	0	1	20	43.5 %

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 Total Correct: 468 out of 781 (59.9 %) \*\*\* CROSSVALIDATED \*\*\*

Multigroup Classification of Current Case

Group	Classified into	Distance from	Probabilities			
			Posterior	Typ F	Typ Chi	Typ R
WF19	**WF19**	13.2	0.917	0.438	0.282	0.474 (40/76)
BERF		20.1	0.028	0.187	0.044	0.000 (54/54)
NORF		20.4	0.025	0.173	0.041	0.000 (56/56)
EGYF		21.3	0.016	0.156	0.031	0.000 (54/54)
ZALF		22.7	0.008	0.156	0.019	0.000 (46/46)
BF19		24.6	0.003	0.054	0.010	0.066 (71/76)
WF20		25.3	0.002	0.022	0.008	0.046 (145/152)
BF20		29.4	0.000	0.019	0.002	0.013 (77/78)
BUSF		31.3	0.000	0.035	0.001	0.000 (50/50)
ZULF		43.8	0.000	0.006	0.000	0.000 (47/47)
TEIF		47.1	0.000	0.003	0.000	0.000 (51/51)
DOGF		48.1	0.000	0.002	0.000	0.000 (53/53)

Current Case is closest to WF19s

			Group Means											
Current Case	Case	Chk	BERF 53	BF19 75	BF20 77	BUSF 49	DOGF 52	EGYF 53	NORF 55	TEIF 50	WF19 75	WF20 151	ZALF 45	ZULF 46
BBH	116	-	124.5	125.4	129.2	119.5	128.1	127.4	126.0	125.1	127.6	134.1	128.8	128.7
MAB	54	-	60.6	63.0	63.2	58.0	61.2	59.7	60.1	59.3	55.5	57.3	60.7	62.7
XCB	143	+	140.4	134.2	133.8	128.6	132.1	135.6	136.3	126.5	138.5	135.9	136.9	131.7
NLB	20	--	24.9	24.6	25.0	25.9	27.7	24.0	24.2	27.3	22.7	22.4	24.7	28.0
OBB	36	-	38.4	37.2	38.4	37.7	38.1	37.9	39.2	37.9	36.9	39.2	38.7	39.2
EKB	91	-	95.2	96.9	96.1	93.9	95.2	92.1	94.9	96.1	94.4	93.5	95.2	97.7
GOL	175		170.5	179.2	179.0	171.7	169.8	175.6	180.0	174.7	174.0	178.2	176.4	179.0
AUB	116		120.3	115.1	115.8	107.6	109.4	112.5	117.7	112.4	117.3	116.4	118.6	112.8
MDH	28		25.6	27.2	28.4	21.6	25.2	25.2	26.0	24.2	26.3	27.7	26.3	25.6
ZYB	120		126.4	124.0	122.7	116.5	121.0	120.1	124.4	124.2	122.7	120.7	125.4	122.8
BPL	80	--	89.9	97.8	98.4	90.6	96.1	91.2	94.0	96.3	88.2	91.1	92.1	98.7

Natural Log of Determinant = 25.1946

With graph:

