

## SUPPLEMENTAL TABLE 4 BAYESIAN NETWORK

A

### DIAGNOSIS ERROR MATRIX

DIAGNOSIS (N)	ABMR (105)	AKI (28)	MIXED (28)	NOREJECTION (514)	NORMAL (22)	TCMR (67)	Total Errors	% Errors
ABMR (103)	32	0	5	63	0	3	103	71 68.9%
AKI (87)	3	23	0	52	6	3	87	64 73.6%
MIXED (93)	16	0	12	38	0	27	93	81 87.1%
NOREJECTION (284)	35	2	2	232	3	10	284	52 18.3%
NORMAL (96)	5	3	0	75	13	0	96	83 86.5%
TCMR (101)	14	0	9	54	0	24	101	77 76.2%
<b>TOTAL</b>	<b>105</b>	<b>28</b>	<b>28</b>	<b>514</b>	<b>22</b>	<b>67</b>	<b>764</b>	<b>428 <u>56.0%</u></b>

RESAMPLING K FOLD = 10

Mean ROC Index 76.9%

Overall Log-Loss 3.8

B

### CLUSTER ERROR MATRIX

CLUSTER (N)	1 (33)	2 (44)	3 (170)	4 (54)	5 (103)	6 (23)	7 (130)	8 (87)	9 (120)	TOTAL ERRORS	% ERRORS
1 (2)	0	0	0	0	1	0	0	0	1	2	2 100.0%
2 (36)	1	25	1	0	6	1	2	0	0	36	11 30.6%
3 (251)	15	2	137	0	15	12	13	21	36	251	114 45.4%
4 (54)	0	1	0	45	4	0	2	2	0	54	7 13.0%
5 (78)	4	2	0	1	62	0	6	3	0	78	16 20.5%
6 (6)	0	0	0	0	0	6	0	0	0	6	0 0.0%
7 (127)	0	5	5	8	6	0	95	3	5	127	32 25.2%
8 (86)	9	0	4	0	8	0	7	55	3	86	31 36.0%
9 (124)	4	9	23	0	1	4	5	3	75	124	49 39.5%
<b>TOTAL</b>	<b>33</b>	<b>44</b>	<b>170</b>	<b>54</b>	<b>103</b>	<b>23</b>	<b>130</b>	<b>87</b>	<b>120</b>	<b>764</b>	<b>262 <u>34.3%</u></b>

RESAMPLING K FOLD = 10

Mean ROC Index 90.5%

Overall Log-Loss 1.0240