

## Problem 1:

	index	student	balance	income	default predictio n LOG	default predictio n LDA	default predictio n QDA	default predictio n KNN
			911.831	16603.3				
1	1	Yes	3	6	No	No	No	No
			171.991	30733.3				
2	2	No	9	3	No	No	No	No
				13711.9				
3	3	Yes	771.704	6	No	No	No	No
			754.610	40701.9				
4	4	No	4	6	No	No	No	No
			618.797	59501.3				
5	5	No	9	8	No	No	No	No
			510.099					
6	6	No	6	49837.1	No	No	No	No
				52852.4				
7	7	No	886.262	3	No	No	No	No
			831.160	39944.2				
8	8	No	3	4	No	No	No	No
			400.971	15317.3				
9	9	Yes	8	8	No	No	No	No
			1092.28	45468.8				
10	10	No	2	6	No	No	No	No
				41724.9				
11	11	No	0.17976	4	No	No	No	No
			996.929	20057.0				
12	12	Yes	3	1	No	No	No	No
			376.358	25420.1				
13	13	No	7	2	No	No	No	No
			654.018	54844.0				
14	14	No	1	4	No	No	No	No
			1109.10	45525.5				
15	15	No	1	2	No	No	No	No
			937.259	56696.0				
16	16	No	1	3	No	No	No	No
			184.379	14995.3				
17	17	Yes	2	5	No	No	No	No
			710.921	53003.8				
18	18	No	8	1	No	No	No	No
			747.160	19649.9				
19	19	No	9	2	No	No	No	No
			852.527	58628.3				
20	20	No	7	3	No	No	No	No
			1567.91	36668.3				
21	21	No	9	3	No	No	No	No
22	22	Yes	187.498	16885.9	No	No	No	No

			5	3				
			1490.88	17899.4				
23	23	Yes	6	2	No	No	No	No
			2204.54					
24	24	Yes	2	14309.7	Yes	Yes	Yes	Yes
			1777.70	20363.1				
25	25	Yes	8	2	No	No	No	No
			1877.12	48977.5				
26	26	No	2	4	Yes	No	No	No
			1902.55	20575.2				
27	27	Yes	1	7	No	No	No	No
			1571.80	14911.1				
28	28	Yes	6	6	No	No	No	No
			1968.99	39084.5				
29	29	No	9	5	Yes	Yes	Yes	No
				30008.7				
30	30	No	1526.13	5	No	No	No	No
			1641.55	46818.2				
31	31	No	9	5	No	No	No	No
			2004.54	42163.0				
32	32	No	6	4	Yes	Yes	Yes	No
			1550.44					
33	33	No	9	56258.1	No	No	No	No
			1327.83	34719.5				
34	34	No	9	7	No	No	No	No
			1700.29	30458.1				
35	35	No	8	3	No	No	No	No
				21884.1				
36	36	Yes	1118.11	3	No	No	No	No
			1132.52	37242.3				
37	37	No	5	8	No	No	No	No
38	38	No	1980.73	28134.7	Yes	Yes	No	No
			1708.70	38350.5				
39	39	No	2	9	No	No	No	No
			1457.01					
40	40	No	2	58698.1	No	No	No	No
				46209.6				
41	41	No	1767.16	9	No	No	No	No
			1759.10	15980.1				
42	42	Yes	8	2	No	No	No	No

Problem 2:

**With stopwords words:**

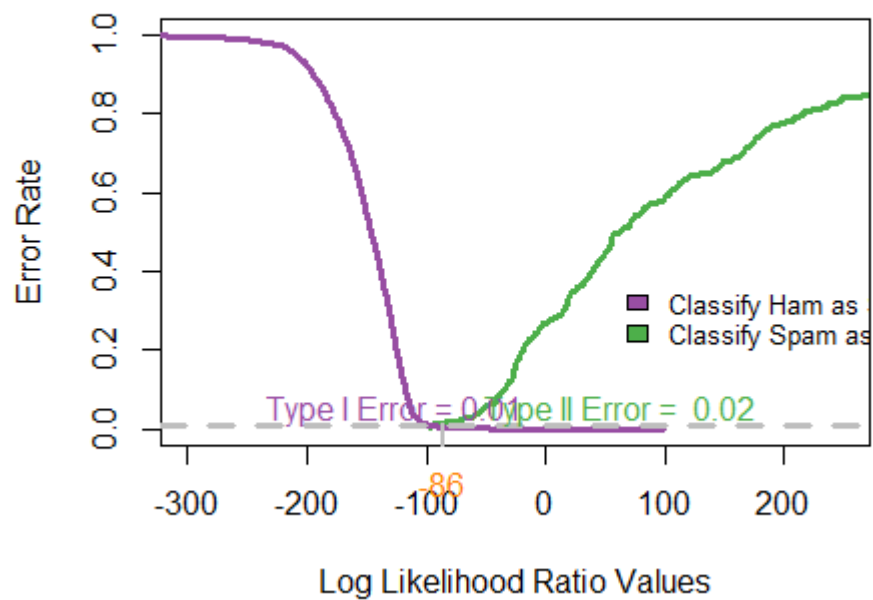
\$`FALSE`

Min. 1st Qu. Median Mean 3rd Qu. Max.

-483.50 -170.20 -146.40 -151.80 -128.20 99.56

\$`TRUE`

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-98.08	-5.97	62.80	234.90	183.00	33230.00



Threshold = -86

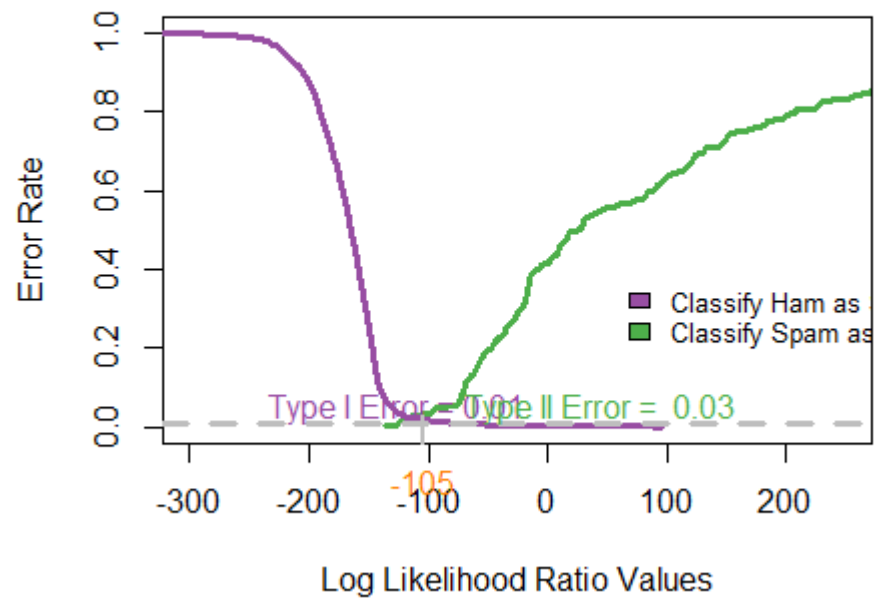
**Without stopwords words:**

\$`FALSE`

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-351.10	-185.90	-165.00	-168.10	-149.60	94.87

\$`TRUE`

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-135.80	-35.20	27.53	112.60	159.70	2503.00



Threshold = -105