

Tr	Dataset	Platform	# Samples Number	Genes	Column with same values	Tr	Rows-Columns	Control Group	Label Number	Resampling	# MCC	# F1 score	# AUC	Tr	TPR	Tr	TNR	Tr	PPV	# NPV
	GSE69063	Microarray-Affymetrix	51	53	0	51	Rows- 55Columns	Healthy	18sepsis_33healthy	SMOTE	0.9685	0.9736	0.9994	0.9600		0.9983		0.9975	0.9832	
	GSE185263	RNA-seq_Illumina HiSeq	392	53	3	392	Rows-56Columns	Healthy	348sepsis_44healthy	SMOTE	0.8929	0.9886	0.9936	0.9881		0.9062		0.9892	0.9057	
	GSE154918	RNA-seq_Illumina HiSeq	79	55	1	79	Rows-56columns	Healthy	39sepsis-40healthy	NO-Resampling	0.9633	0.982	0.998	0.9925		0.9671		0.9747	0.9923	
	GSE54514-Day5	Microarray-Illumina	32	49	0	32	rows-76columns	Healthy	14sepsis-18healthy	NO-Resampling	0.7749	0.8911	0.8858	0.9333		0.77		0.8675	0.9283	
	GSE54514-Day4	Microarray-Illumina	37	49	0	37	rows-76columns	Healthy	19sepsis-18healthy	NO-Resampling	0.891	0.9314	0.9883	0.9166		0.9600		0.9693	0.9378	
	GSE54514-Day3	Microarray-Illumina	64	49	0	64	rows-76columns	Healthy	28sepsis-36healthy	NO-Resampling	0.7184	0.80566	0.9328	0.75400		0.9314		0.9048	0.8522	
	GSE54514-Day2	Microarray-Illumina	67	49	0	67	rows-76columns	Healthy	31sepsis-36healthy	NO-Resampling	0.7051	0.8123	0.9308	0.7733		0.9071		0.8956	0.8393	
	GSE54514-Day1	Microarray-Illumina	71	49	0	71	rows-76columns	Healthy	35sepsis-36healthy	NO-Resampling	0.64357	0.8163	0.8955	0.8385		0.7885		0.81564	0.8456	
	GSE211210	RNA-seq_Illumina Novaseq	10	48	0	10	rows-57columns	Healthy	5sepsis-5healthy	NO-Resampling	0.54	0.5876	0.6	0.57		0.57		0.57	0.57	
	GSE100159	Microarray-Illumina	45	55	0	45	rows-86columns	Control	33sepsis-12healthy	SMOTE	0.9677	0.988	1	0.9783		1		1	0.9583	
	GSE60424	RNA-seq_Illumina HiScanSQ	48	55	7-8	48	rows-57columns	Healthy	20sepsis-28healthy	NO-Resampling	0.6041	0.6939	0.8795	0.6075		0.9280		0.9068	0.7644	
	GSE137342-Day1	Microarray-Illumina HumanHT	33	53	0	33	rows-87columns	Healthy	21sepsis-12healthy	SMOTE	0.94142	0.9714	1	0.95		1		1	0.9333	
	GSE137342-Day2	Microarray-Illumina HumanHT	34	53	0	34	rows-87columns	Healthy	22sepsis-12healthy	SMOTE	0.9452	0.9723	0.9987	0.9525		1		1	0.9383	
	GSE28750	Microarray-Affymetrix	30	55	0	30	rows-100columns	Healthy	10sepsis-20healthy	SMOTE	0.9655	0.9687	1	0.95312		1		1	0.98125	
	GSE243217	RNA-seq_MiSeq-Q2000RS	37	54	5-6	37	rows-56columns	Healthy	22sepsis-15healthy	SMOTE	1	1	1	1		1		1	1	
	GSE9960	Microarray-Affymetrix	70	55	0	70	rows_101 columns	Control	54sepsis-16Control	SMOTE	0.0897	0.79372	0.6577	0.8041		0.2852		0.7912	0.301	
	GSE241238	RNA-seq_Illumina Novaseq	8	55	2	8	rows-57 columns	Healthy	4sepsis-4healthy	NO-Resampling	1	1	1	1		1		1	1	
	GSE49754	Microarray-Illumina	36	49	2-3	36	rows-77columns	Control	24sepsis-12healthy	SMOTE	0.84813	0.9398	0.9783	0.9362		0.8979		0.9581	0.9098	
	GSE236713-Day1	Microarray-agiilent	155	53	0	155	rows-78columns	Healthy	125sepsis-30healthy	SMOTE	0.94404	0.9877	0.9994	0.9828		0.9716		0.9934	0.9425	
	GSE236713-Day2	Microarray-agiilent	123	53	0	123	rows-78columns	Healthy	93sepsis-30healthy	SMOTE	0.9351	0.981	0.9973	0.9694		0.9816		0.9942	0.9288	
	GSE236713-Day5	Microarray-agiilent	99	53	0	99	rows-78columns	Healthy	69sepsis-30healthy	SMOTE	0.9823	0.9936	1	0.9876		1		1	0.9771	
	GSE196117-Day1	RNA-seq_Illumina HiSeq	15	53	2	15	rows-55columns	Healthy	8sepsis-7healthy	NO-Resampling	1	1	1	1		1		1	1	
	GSE196117-Day5	RNA-seq_Illumina HiSeq	14	53	2	14	rows-55columns	Healthy	7sepsis-7healthy	NO-Resampling	1	1	1	1		1		1	1	
	GSE6535	Microarray-NBCU Human	62	52	0	61	rows-57columns	Control	47sepsis-14control	SMOTE	0.43083	0.8951	0.7878	0.9030		0.5		0.8917	0.5824	