

Parameter	Gradient.Boosting	Results	Difference	Percentage
Normal	Both Match	26.1	0.0	0.0
Normal	PU Match	55.4	0.0	0.0
Normal	DO Match	42.2	0.0	0.0
Learning Rate - 0.1	Both Match	26.1	0.0	0.0
Learning Rate - 0.1	PU Match	55.4	0.0	0.0
Learning Rate - 0.1	DO Match	42.2	0.0	0.0
Learning Rate - 0.01	Both Match	33.6	7.5	28.8
Learning Rate - 0.01	PU Match	56.5	1.1	2.0
Learning Rate - 0.01	DO Match	49.9	7.7	18.2
Learning Rate - 0.001	Both Match	36.5	10.4	39.9
Learning Rate - 0.001	PU Match	59.2	3.8	6.8
Learning Rate - 0.001	DO Match	51.2	8.9	21.1
Subsample - 0.3	Both Match	25.4	-0.7	-2.6
Subsample - 0.3	PU Match	54.4	-1.0	-1.7
Subsample - 0.3	DO Match	41.6	-0.6	-1.5
Subsample - 0.6	Both Match	25.2	-0.9	-3.3
Subsample - 0.6	PU Match	54.6	-0.8	-1.4
Subsample - 0.6	DO Match	41.5	-0.8	-1.8
Subsample - 1	Both Match	26.1	0.0	0.0
Subsample - 1	PU Match	55.4	0.0	0.0
Subsample - 1	DO Match	42.2	0.0	0.0
Min Impurity Decrease - 0.1	Both Match	27.2	1.1	4.1
Min Impurity Decrease - 0.1	PU Match	56.5	1.1	1.9

Parameter	Gradient.Boosting	Results	Difference	Percentage
Min Impurity Decrease - 0.1	DO Match	43.2	0.9	2.2
Min Impurity Decrease - 0.3	Both Match	27.7	1.7	6.3
Min Impurity Decrease - 0.3	PU Match	43.5	-11.9	-21.5
Min Impurity Decrease - 0.3	DO Match	27.8	-14.4	-34.1
Min Impurity Decrease - 0.5	Both Match	27.8	1.8	6.7
Min Impurity Decrease - 0.5	PU Match	57.0	1.6	2.8
Min Impurity Decrease - 0.5	DO Match	43.4	1.1	2.7
Max Depth - 3	Both Match	26.1	0.0	0.0
Max Depth - 3	PU Match	55.4	0.0	0.0
Max Depth - 3	DO Match	42.2	0.0	0.0
Max Depth - 7	Both Match	17.2	-8.9	-34.1
Max Depth - 7	PU Match	44.8	-10.6	-19.2
Max Depth - 7	DO Match	34.3	-7.9	-18.7
Max Depth - 10	Both Match	15.4	-10.7	-41.1
Max Depth - 10	PU Match	41.4	-14.0	-25.2
Max Depth - 10	DO Match	33.5	-8.7	-20.6
Max Features - SQRT	Both Match	17.7	-8.4	-32.3
Max Features - SQRT	PU Match	56.9	1.5	2.6
Max Features - SQRT	DO Match	28.2	-14.1	-33.3
Max Features - LOG	Both Match	6.0	-20.0	-76.9
Max Features - LOG	PU Match	12.3	-43.1	-77.9
Max Features - LOG	DO Match	42.9	0.6	1.5
N Estimator - 10	Both Match	33.2	7.1	27.2

Parameter	Gradient.Boosting	Results	Difference	Percentage
N Estimator - 10	PU Match	56.5	1.1	1.9
N Estimator - 10	DO Match	49.5	7.2	17.1
N Estimator - 50	Both Match	26.9	0.8	3.1
N Estimator - 50	PU Match	56.1	0.7	1.3
N Estimator - 50	DO Match	42.8	0.6	1.3
N Estimator - 100	Both Match	26.1	0.0	0.0
N Estimator - 100	PU Match	55.4	0.0	0.0
N Estimator - 100	DO Match	42.2	0.0	0.0
Min Samples Split - 2	Both Match	26.1	0.0	0.0
Min Samples Split - 2	PU Match	55.4	0.0	0.0
Min Samples Split - 2	DO Match	42.2	0.0	0.0
Min Samples Split - 5	Both Match	26.2	0.1	0.3
Min Samples Split - 5	PU Match	55.2	-0.2	-0.4
Min Samples Split - 5	DO Match	42.4	0.2	0.4
Min Samples Split - 10	Both Match	26.3	0.2	0.7
Min Samples Split - 10	PU Match	55.6	0.2	0.4
Min Samples Split - 10	DO Match	42.2	0.0	0.0
Min Samples Leaf - 1	Both Match	26.1	0.0	0.0
Min Samples Leaf - 1	PU Match	55.4	0.0	0.0
Min Samples Leaf - 1	DO Match	42.2	0.0	0.0
Min Samples Leaf - 3	Both Match	26.1	0.0	0.2
Min Samples Leaf - 3	PU Match	55.4	0.0	0.0
Min Samples Leaf - 3	DO Match	42.2	-0.1	-0.2

Parameter	Gradient.Boosting	Results	Difference	Percentage
Min Samples Leaf - 5	Both Match	36.2	10.2	38.9
Min Samples Leaf - 5	PU Match	55.5	0.0	0.1
Min Samples Leaf - 5	DO Match	42.4	0.2	0.4
log loss	Both Match	26.1	0.0	0.0
log loss	PU Match	55.4	0.0	0.0
log loss	DO Match	42.2	0.0	0.0