

n = 10						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	0	2	0	0	0
Rock	1	6	0	0.142857	1	0.25
Hip-Hop	2	0	3	1	0.4	0.57142857
R&B	0	0	1	0	0	0
Other	0	1	1	0	0	0
AVERAGES				0.228571	0.28	0.16428571

n = 20						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	2	1	0	0	0
Rock	4	3	3	0.571429	0.571429	0.57142857
Hip-Hop	0	1	0	0	0	0
R&B	0	0	0	0	0	0
Other	0	0	2	0	0	0
AVERAGES				0.114286	0.114286	0.11428571

n = 30						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	1	4	0	0	0
Rock	2	5	1	0.285714	0.666667	0.4
Hip-Hop	0	2	1	0	0	0
R&B	0	0	1	0	0	0
Other	0	0	1	0	0	0
AVERAGES				0.057143	0.133333	0.08

n = 40						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	3	1	0	0	0
Rock	3	3	1	0.5	0.75	0.6
Hip-Hop	0	0	1	0	0	0

R&B	0	0	0	0	0	0
Other	0	1	4	0	0	0
AVERAGES			0.1	0.15	0.12	

n = 50						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	2	2	0	0	0
Rock	2	5	1	0.285714	0.666667	0.4
Hip-Hop	1	0	0	1	1	1
R&B	0	0	2	0	0	0
Other	0	0	2	0	0	0
AVERAGES			0.257143	0.333333	0.28	

n = 60						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	0	0	0	0	0
Rock	4	4	2	0.5	0.666667	0.57142857
Hip-Hop	0	2	1	0	0	0
R&B	0	0	0	0	0	0
Other	0	0	3	0	0	0
AVERAGES			0.1	0.133333	0.11428571	

n = 70						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	1	3	0	0	0
Rock	2	5	1	0.285714	0.666667	0.4
Hip-Hop	1	1	1	0.5	0.5	0.5
R&B	0	0	0	0	0	0
Other	0	0	2	0	0	0
AVERAGES			0.157143	0.233333	0.18	

n = 80						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	1	2	0	0	0
Rock	4	4	0	0.5	1	0.66666667
Hip-Hop	0	1	2	0	0	0
R&B	0	0	0	0	0	0
Other	0	0	2	0	0	0
AVERAGES				0.1	0.2	0.13333333

n = 90						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	2	1	0	0	0
Rock	4	4	1	0.5	0.8	0.61538462
Hip-Hop	0	0	1	0	0	0
R&B	0	0	1	0	0	0
Other	0	0	2	0	0	0
AVERAGES				0.1	0.16	0.12307692

n = 100						
Categories	True +	False +	False -	Precision	Recall	F-Measure
Pop	0	0	4	0	0	0
Rock	2	6	0	0.25	1	0.4
Hip-Hop	0	1	1	0	0	0
R&B	0	0	1	0	0	0
Other	1	0	1	1	0.5	0.66666667
AVERAGES				0.25	0.3	0.21333333

Results:	Actual:
Rock	Hip-Hop
Rock	Rock
Other	Hip-Hop
Rock	Hip-Hop
Rock	Pop
Hip-Hop	Hip-Hop
Hip-Hop	Hip-Hop
Rock	Pop
Rock	Other
Rock	R&B

Precision
Recall
F-Measure

Results:	Actual:
Rock	Rock
Hip-Hop	Rock
Pop	Rock
Rock	Rock
Rock	Rock
Rock	Other
Rock	Other
Pop	Rock
Rock	Pop
Rock	Rock

Results:	Actual:
Rock	Pop
Pop	Rock
Rock	Rock
Rock	Pop
Rock	Pop
Rock	Hip-Hop
Hip-Hop	Pop
Rock	Other
Hip-Hop	R&B
Rock	Rock

Results:	Actual:
Pop	Hip-Hop
Pop	Other
Rock	Other
Rock	Rock

Other	Rock
Rock	Other
Rock	Pop
Rock	Rock
Pop	Other
Rock	Rock

Results:	Actual:
Pop	Rock
Rock	Pop
Rock	Rock
Rock	Other
Pop	R&B
Rock	Pop
Rock	R&B
Hip-Hop	Hip-Hop
Rock	Rock
Rock	Other

Results:	Actual:
Rock	Rock
Rock	Other
Rock	Rock
Rock	Other
Hip-Hop	Rock
Rock	Rock
Rock	Rock
Hip-Hop	Rock
Rock	Other
Rock	Hip-Hop

Results:	Actual:
Rock	Other
Hip-Hop	Rock
Rock	Rock
Rock	Pop
Rock	Pop
Rock	Hip-Hop
Rock	Pop
Pop	Other
Hip-Hop	Hip-Hop

Rock	Rock
------	------

Results:	Actual:
Rock	Rock
Rock	Rock
Rock	Pop
Rock	Other
Rock	Rock
Pop	Hip-Hop
Rock	Pop
Rock	Rock
Hip-Hop	Other
Rock	Hip-Hop

Results:	Actual:
Rock	Rock
Rock	Other
Rock	Pop
Rock	R&B
Rock	Rock
Pop	Hip-Hop
Pop	Rock
Rock	Rock
Rock	Other
Rock	Rock

Results:	Actual:
Other	Other
Rock	Pop
Hip-Hop	Pop
Rock	Rock
Rock	Pop
Rock	R&B
Rock	Other
Rock	Hip-Hop
Rock	Rock
Rock	Pop

10-Fold Cross Validation
0.146428571
0.203761905
0.152260073

