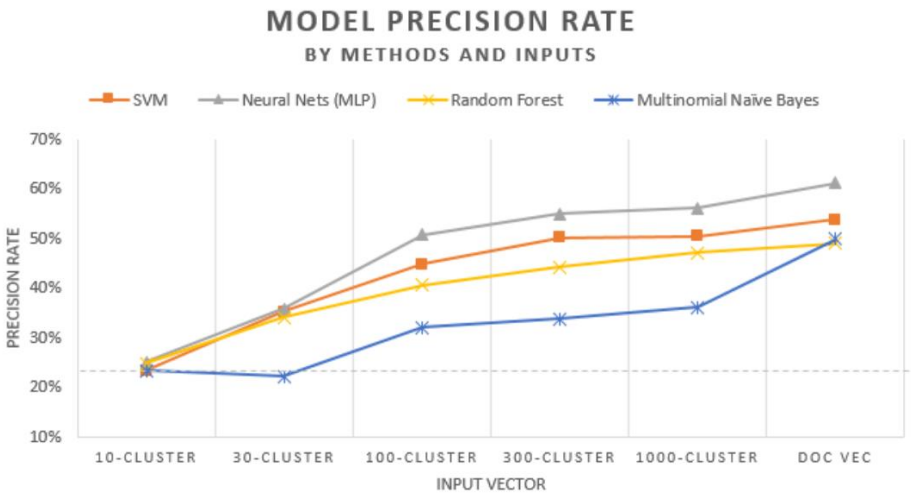

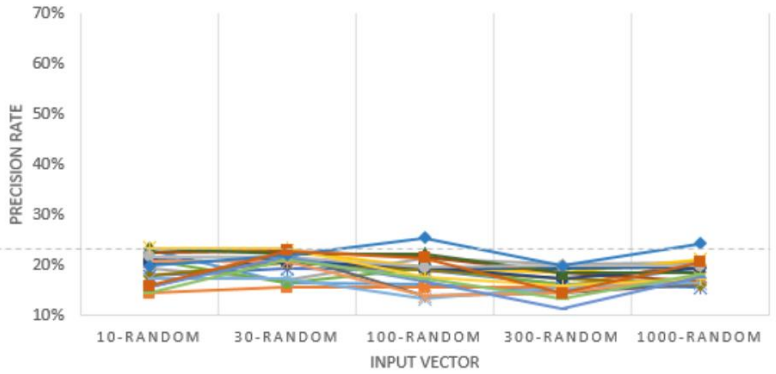

Oritginal Model

	10-cluster	30-cluster	100-cluster	300-cluster	1000-cluster	Doc vec
SVM	23.38%	35.21%	44.79%	50.14%	50.42%	53.80%
Neural Nets (MLP)	25.07%	35.77%	50.70%	54.93%	56.06%	61.13%
Random Forest	24.79%	34.08%	40.56%	44.23%	47.04%	49.01%
Multinomial Naïve Bayes	23.38%	22.25%	32.11%	33.80%	36.06%	49.86%

Random Trial #1

	10-random	30-random	100-random	300-random	1000-random
SVM	23.10%	16.34%	16.06%	14.65%	19.72%
Neural Nets (MLP)	14.37%	15.49%	15.49%	15.49%	20.56%
Random Forest	19.15%	16.90%	21.41%	20.00%	20.28%
Multinomial Naïve Bayes	23.38%	22.82%	19.44%	18.31%	21.13%

Random Trial #2

	10-random	30-random	100-random	300-random	1000-random
SVM	17.75%	19.15%	18.87%	16.06%	15.49%
Neural Nets (MLP)	21.13%	16.34%	19.15%	16.06%	16.90%
Random Forest	20.56%	20.85%	19.15%	19.15%	19.44%
Multinomial Naïve Bayes	22.54%	22.82%	21.69%	18.31%	16.62%

Random Trial #3

	10-random	30-random	100-random	300-random	1000-random
SVM	15.49%	22.25%	13.80%	14.37%	16.06%
Neural Nets (MLP)	17.75%	20.28%	18.87%	17.18%	16.06%
Random Forest	20.85%	20.56%	19.44%	17.18%	19.15%
Multinomial Naïve Bayes	23.38%	22.25%	22.25%	18.31%	18.31%

Random Trial #4

	10-random	30-random	100-random	300-random	1000-random
SVM	17.18%	17.18%	13.24%	15.49%	16.34%
Neural Nets (MLP)	20.56%	20.56%	13.80%	14.37%	17.46%
Random Forest	21.69%	21.69%	19.44%	19.72%	19.72%
Multinomial Naïve Bayes	23.38%	23.38%	17.46%	15.77%	17.18%

Random Trial #5

	10-random	30-random	100-random	300-random	1000-random
SVM	15.49%	21.69%	16.62%	11.27%	17.46%
Neural Nets (MLP)	14.37%	20.85%	17.18%	13.24%	18.03%
Random Forest	19.72%	21.97%	25.35%	19.72%	24.23%
Multinomial Naïve Bayes	15.77%	22.82%	21.41%	14.37%	20.56%