Confusion Matrix of Testing Set with our model on differet % of Training data used

20.0% of Training Data Used

Predicted \ Actual	Type_1	Type_2	Type_3	sum_lin
Type_1	38 / 7.42%	29 / 5.66%	5 / 0.98%	72 / 52.78% / 47.22%
Type_2	45 / 8.79%	199 / 38.87%	50 / 9.77%	294 / 67.69% / 32.31%
Type_3	4 / 0.78%	37 / 7.23%	105 / 20.51%	146 / 71.92% / 28.08%
sum_col	87 / 43.68% / 56.32%	265 / 75.09% / 24.91%	160 / 65.62% / 34.38%	512 / 66.80% / 33.20%

30.0% of Training Data Used

Predicted \ Actual	Type_1	Type_2	Type_3	sum_lin
Type_1	35 / 6.84%	22 / 4.30%	4 / 0.78%	61 / 57.38% / 42.62%
Type_2	44 / 8.59%	211 / 41.21%	47 / 9.18%	302 / 69.87% / 30.13%
Type_3	8 / 1.56%	32 / 6.25%	109 / 21.29%	149 / 73.15% / 26.85%
sum_col	87 / 40.23% / 59.77%	265 / 79.62% / 20.38%	160 / 68.12% / 31.88%	512 / 69.34% / 30.66%

40.0% of Training Data Used

Predicted \ Actual	Type_1	Type_2	Type_3	sum_lin
Type_1	29 / 5.66%	14 / 2.73%	1 / 0.20%	44 / 65.91% / 34.09%
Type_2	51 / 9.96%	225 / 43.95%	55 / 10.74%	331 / 67.98% / 32.02%
Type_3	7 / 1.37%	26 / 5.08%	104 / 20.31%	137 / 75.91% / 24.09%
sum_col	87 / 33.33% / 66.67%	265 / 84.91% / 15.09%	160 / 65.00% / 35.00%	512 / 69.92% / 30.08%

50.0% of Training Data Used

Predicted \ Actual	Type_1	Type_2	Type_3	sum_lin
Type_1	34 / 6.64%	13 / 2.54%	2 / 0.39%	49 / 69.39% / 30.61%
Type_2	49 / 9.57%	222 / 43.36%	55 / 10.74%	326 / 68.10% / 31.90%
Type_3	4 / 0.78%	30 / 5.86%	103 / 20.12%	137 / 75.18% / 24.82%
sum_col	87 / 39.08% / 60.92%	265 / 83.77% / 16.23%	160 / 64.38% / 35.62%	512 / 70.12% / 29.88%

60.0% of Training Data Used

Predicted \ Actual	Type_1	Type_2	Type_3	sum_lin
Type_1	30 / 5.86%	12 / 2.34%	1 / 0.20%	43 / 69.77% / 30.23%
Type_2	52 / 10.16%	224 / 43.75%	50 / 9.77%	326 / 68.71% / 31.29%
Type_3	5 / 0.98%	29 / 5.66%	109 / 21.29%	143 / 76.22% / 23.78%
sum_col	87 / 34.48% / 65.52%	265 / 84.53% / 15.47%	160 / 68.12% / 31.88%	512 / 70.90% / 29.10%

70.0% of Training Data Used

Predicted \ Actual	Type_1	Type_2	Type_3	sum_lin
Type_1	35 / 6.84%	11 / 2.15%	1 / 0.20%	47 / 74.47% / 25.53%
Type_2	46 / 8.98%	227 / 44.34%	43 / 8.40%	316 / 71.84% / 28.16%
Type_3	6 / 1.17%	27 / 5.27%	116 / 22.66%	149 / 77.85% / 22.15%
sum_col	87 / 40.23% / 59.77%	265 / 85.66% / 14.34%	160 / 72.50% / 27.50%	512 / 73.83% / 26.17%

80.0% of Training Data Used

Predicted \ Actual	Type_1	Type_2	Type_3	sum_lin
Type_1	34 / 6.64%	12 / 2.34%	1 / 0.20%	47 / 72.34% / 27.66%
Type_2	48 / 9.38%	227 / 44.34%	41 / 8.01%	316 / 71.84% / 28.16%
Type_3	5 / 0.98%	26 / 5.08%	118 / 23.05%	149 / 79.19% / 20.81%
sum_col	87 / 39.08% / 60.92%	265 / 85.66% / 14.34%	160 / 73.75% / 26.25%	512 / 74.02% / 25.98%

90.0% of Training Data Used

Predicted \ Actual	Type_1	Type_2	Type_3	sum_lin
Type_1	35 / 6.84%	13 / 2.54%	2 / 0.39%	50 / 70.00% / 30.00%
Type_2	47 / 9.18%	230 / 44.92%	45 / 8.79%	322 / 71.43% / 28.57%
Type_3	5 / 0.98%	22 / 4.30%	113 / 22.07%	140 / 80.71% / 19.29%
sum_col	87 / 40.23% / 59.77%	265 / 86.79% / 13.21%	160 / 70.62% / 29.38%	512 / 73.83% / 26.17%

100% of Training Data Used

Predicted \ Actual	Type_1	Type_2	Type_3	sum_lin
Type_1	47 / 9.18%	20 / 3.91%	3 / 0.59%	70 / 67.14% / 32.86%
Type_2	35 / 6.84%	214 / 41.80%	34 / 6.64%	283 / 75.62% / 24.38%
Type_3	5 / 0.98%	31 / 6.05%	123 / 24.02%	159 / 77.36% / 22.64%
sum_col	87 / 54.02% / 45.98%	265 / 80.75% / 19.25%	160 / 76.88% / 23.12%	512 / 75.00% / 25.00%