

Table 5. Platform topic sentiment & emotion.

platform	topic	ANGER	ANTICIPATION	DISGUST	FEAR	JOY	SADNESS	SURPRISE	TRUST	NEGATIVE	POSTIVE
Canvas	V1	0.00%	16.85%	0.00%	0.00%	10.11%	0.00%	3.37%	20.22%	0.00%	49.44%
	V2	0.00%	15.56%	0.00%	0.00%	13.33%	0.00%	0.00%	26.67%	0.00%	44.44%
Coursera	V1	0.00%	22.00%	0.00%	0.00%	12.00%	0.00%	0.00%	17.00%	0.00%	49.00%
	V2	0.00%	20.87%	0.00%	0.00%	20.00%	0.00%	0.00%	17.39%	0.00%	41.74%
	V3	0.00%	25.37%	0.00%	0.00%	8.96%	0.00%	7.46%	16.42%	0.00%	41.79%
MasterClass	V1	3.40%	13.61%	0.00%	8.16%	10.88%	0.00%	9.52%	10.20%	3.40%	40.82%
	V2	2.94%	17.65%	0.00%	5.88%	10.29%	4.41%	10.29%	11.76%	0.00%	36.76%
Udemy(Semester1)	V1	5.26%	15.79%	1.32%	5.26%	7.89%	3.95%	3.95%	15.79%	5.26%	35.53%
	V2	0.00%	18.75%	0.00%	4.17%	8.33%	0.00%	4.17%	10.42%	0.00%	54.17%
Udemy(Semester2)	V1	0.78%	17.19%	0.00%	0.78%	11.72%	0.78%	1.56%	14.84%	0.78%	51.56%
	V2	0.00%	40.82%	0.00%	0.00%	4.08%	0.00%	0.00%	18.37%	0.00%	36.73%
	V3	2.08%	25.00%	0.00%	2.08%	8.33%	2.08%	0.00%	14.58%	2.08%	43.75%
Udemy(Semester3)	V1	3.97%	15.87%	1.59%	3.97%	5.56%	1.59%	3.97%	13.49%	4.76%	45.24%
	V2	4.35%	18.84%	0.00%	2.90%	11.59%	2.90%	2.90%	14.49%	5.80%	36.23%
Udemy(Semester4)	V1	1.75%	14.04%	0.00%	4.39%	11.40%	4.39%	7.89%	10.53%	0.00%	45.61%
	V2	2.84%	27.27%	0.00%	2.84%	2.84%	0.00%	0.57%	7.39%	6.25%	50.00%
	V3	8.33%	10.00%	0.00%	1.67%	15.00%	3.33%	3.33%	18.33%	0.00%	40.00%
	V4	0.00%	11.76%	0.00%	0.00%	20.59%	5.88%	0.00%	2.94%	0.00%	58.82%
Zoom(Semester1)	V1	1.50%	15.50%	0.50%	2.50%	16.50%	1.50%	9.50%	18.50%	1.00%	33.00%
	V2	0.00%	18.35%	0.92%	1.83%	15.60%	0.92%	9.17%	20.18%	1.83%	31.19%
Zoom(Semester2)	V1	0.00%	12.77%	0.00%	1.42%	14.89%	0.00%	10.64%	25.53%	0.00%	34.75%
	V2	0.00%	10.57%	0.00%	1.63%	13.82%	0.00%	7.32%	26.02%	0.00%	40.65%
Zoom(Semester3)	V1	7.63%	13.98%	0.00%	0.42%	15.25%	7.20%	11.86%	13.14%	0.42%	30.08%
	V2	1.57%	18.90%	0.00%	1.57%	11.81%	0.00%	6.30%	16.54%	3.94%	39.37%
Zoom(Semester4)	V1	2.74%	17.12%	2.05%	2.05%	13.01%	0.00%	4.11%	17.81%	3.42%	37.67%
	V2	1.30%	12.99%	0.00%	2.60%	12.99%	0.00%	5.19%	19.48%	1.30%	44.16%