

Emotional Models: Text Mood Classification

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Abstract. A

Keywords: A · B

Table 1: Confusion Matrix for 6-Class Classification

Pred. / Real	sadness	joy	love	anger	fear	surprise
sadness						
joy						
love						
anger						
fear						
surprise						

Table 2: ANN Confusion Matrix (5 epochs, acc=0.6980)

Pred. / Real	sadness	joy	love	anger	fear	surprise
sadness	418	72	8	39	40	4
joy	36	574	33	26	22	4
love	13	78	58	8	2	0
anger	36	40	4	179	16	0
fear	28	27	1	13	147	8
surprise	7	20	1	4	14	20

Table 3: ANN Confusion Matrix (10 epochs, acc=0.7190)

Pred. / Real	sadness	joy	love	anger	fear	surprise
sadness	470	49	13	16	26	7
joy	55	537	49	20	27	7
love	15	57	77	5	4	1
anger	62	32	7	154	19	1
fear	29	18	2	9	156	10
surprise	8	15	2	3	12	26

Table 4: ANN Confusion Matrix (20 epochs, acc=0.7290)

Pred. / Real	sadness	joy	love	anger	fear	surprise
sadness	469	50	10	27	20	5
joy	51	550	40	24	21	9
love	17	54	76	9	2	1
anger	43	29	5	187	11	0
fear	32	17	2	14	149	10
surprise	8	16	1	3	11	27

Table 5: ModernBERT-large-zeroshot-v2.0 CM (acc=0.7250)

Pred. / Real	sadness	joy	love	anger	fear	surprise
sadness	431	69	16	28	34	3
joy	42	571	39	13	21	9
love	14	67	67	6	3	2
anger	25	27	4	191	19	9
fear	25	10	1	9	165	14
surprise	7	21	1	2	10	25