Base MLP for Emotions Classification

True \ Predicted	admiration	amusement	anger	annoyance	approval	caring	confusion	curiosity	desire	disappointment	disapproval	disgust	embarrassment	excitement	fear	gratitude	grief	joy	love	nervousness	neutral	optimism	pride	realization	relief	remorse	sadness	surprise
admiration	89	57	32	97	104	23	51	50	24	53	79	24	8	26	16	54	5	31	47	5	1030	48	7	38	4	17	44	32
amusement	43	25	25	31	54	16	30	31	13	27	58	14	5	11	9	27	6	23	24	1	625	17	4	13	6	5	28	26
anger	49	43	21	39	44	18	27	21	11	21	37	17	5	13	6	36	2	13	29	2	532	17	1	22	4	7	23	11
annoyance	58	48	33	58	73	27	39	30	23	29	76	19	4	22	20	58	1	36	40	5	848	23	2	30	2	7	33	25
approval	100	67	36	80	94	27	51	48	18	48	99	27	14	27	25	45	5	42	35	7	1111	37	10	25	8	17	44	39
caring	30	23	11	22	31	6	19	14	5	13	36	10	1	6	19	3	20	16	2	379	18	1	16	2	7	12	12	12
confusion	47	22	26	33	39	17	18	25	14	16	47	15	5	11	9	22	2	17	17	2	484	21	1	21	4	5	19	15
curiosity	46	30	19	50	55	15	33	37	16	24	52	24	3	13	13	40	1	15	19	7	615	31	4	23	4	9	17	18
desire	24	6	14	16	20	5	6	17	3	11	15	4	1	7	4	6	0	5	6	0	198	8	0	13	1	3	8	7
disappointment	38	23	16	26	50	8	14	25	7	18	36	25	4	5	8	33	1	13	29	3	488	14	3	21	1	5	18	13
disapproval	64	50	27	55	69	26	25	38	17	29	64	16	5	18	17	46	3	26	25	2	810	27	5	25	5	8	27	26
disgust	21	15	15	17	26	3	12	14	7	15	26	11	1	13	2	15	2	11	9	0	336	12	2	11	1	2	9	11
embarrassment	18	8	8	7	17	3	6	6	4	6	11	1	0	4	4	6	2	3	8	0	147	3	0	8	2	4	3	4
excitement	25	16	13	14	28	7	12	8	10	6	31	10	3	11	6	14	1	15	15	0	312	15	0	9	2	2	10	12
fear	9	6	5	6	19	6	7	5	5	8	14	1	3	5	3	6	2	15	10	2	181	4	1	4	0	2	7	9
gratitude	63	40	19	43	78	20	28	30	6	25	60	16	7	18	13	36	3	33	23	7	718	18	8	26	5	10	26	21
grief	0	2	2	2	4	2	0	0	1	3	2	2	1	0	0	0	0	0	1	1	39	0	0	1	0	0	0	2
joy	34	14	14	29	44	13	18	18	10	18	31	13	4	4	11	28	2	12	27	6	432	13	4	13	0	5	16	21
love	41	32	18	43	44	13	15	24	4	21	47	14	6	10	10	33	1	14	22	2	552	17	3	20	2	5	14	13
nervousness	3	4	2	6	4	3	0	2	1	3	1	0	3	1	5	1	7	1	2	6	85	4	0	1	1	0	5	2
neutral	500	268	219	417	509	151	265	266	135	230	472	134	50	132	107	329	18	218	180	41	6530	224	33	229	20	62	184	173
optimism	41	24	11	25	44	15	25	18	7	16	45	5	6	9	8	30	1	15	18	1	450	10	2	14	4	5	17	15
pride	7	4	1	6	8	5	2	4	4	0	9	2	1	5	0	3	2	1	5	0	60	2	0	2	0	1	4	5
realization	38	18	14	22	44	10	20	23	13	21	37	10	4	11	6	26	1	22	21	1	477	21	1	14	4	5	19	9
relief	4	1	1	3	6	1	5	2	0	3	8	2	0	3	1	2	0	1	6	1	72	7	2	2	0	1	4	5
remorse	13	9	6	8	16	5	5	6	4	7	8	3	3	4	2	8	0	5	3	3	148	8	1	6	1	1	5	5
sadness	38	21	14	24	36	6	16	15	12	14	26	8	2	8	8	20	3	16	16	2	376	13	4	17	3	3	13	8
surprise	35	14	24	20	36	9	14	22	14	14	23	8	2	6	4	20	1	8	15	1	358	16	3	16	1	3	6	20

Top MLP for Emotions Classification

(All predicted values are 0 except in the *neutral* column.)

True label	neutral
admiration	2095
amusement	1197
anger	1071
annoyance	1669
approval	2186
caring	742
confusion	975
curiosity	1233
desire	408
disappointment	945
disapproval	1555
disgust	619
embarrassment	293
excitement	607
fear	345
gratitude	1400
grief	61
joy	852
love	1040
nervousness	150
neutral	1090
optimism	881
pride	138
realization	911
relief	143
remorse	296
sadness	743
surprise	713

True label / Predicted label
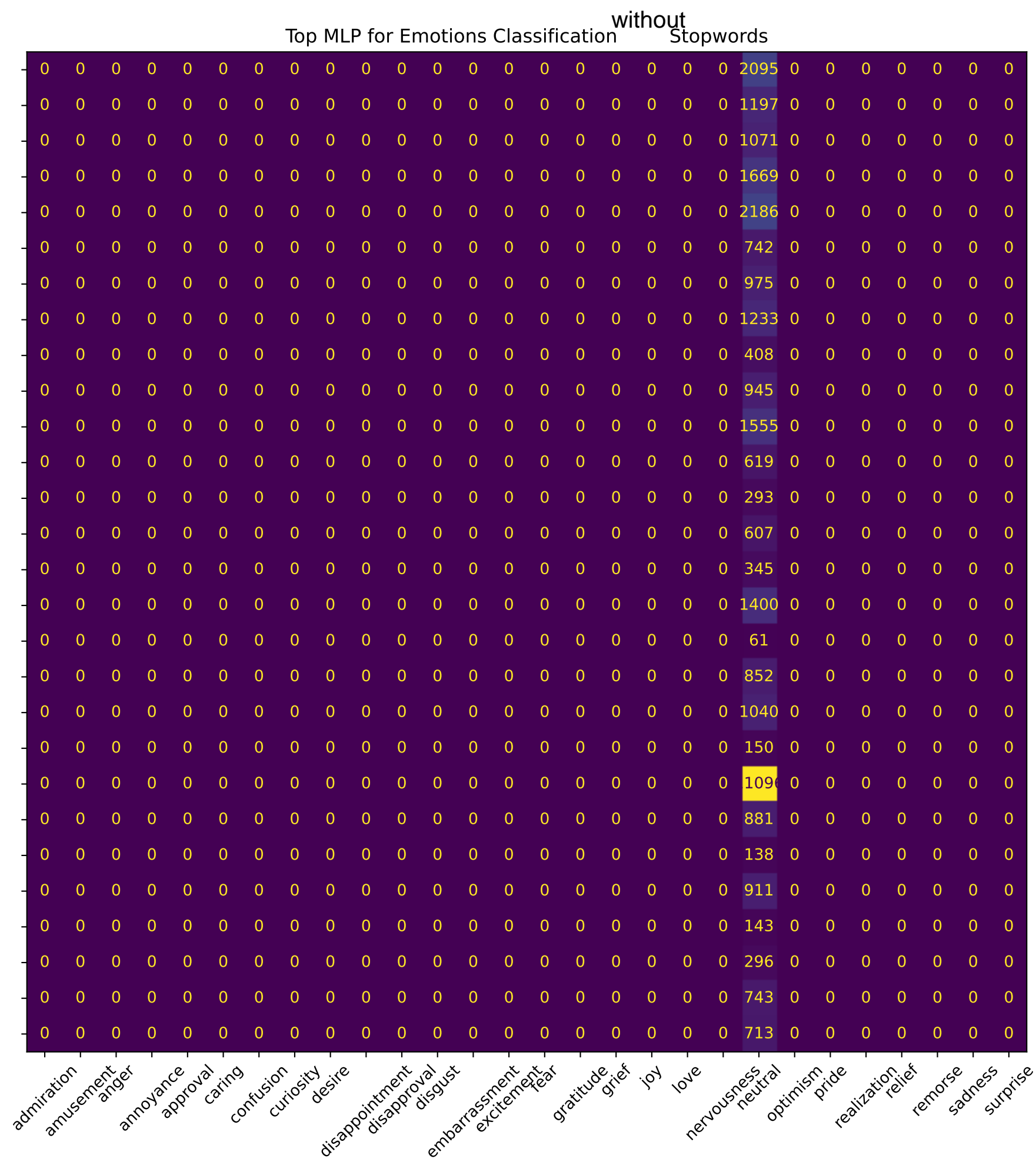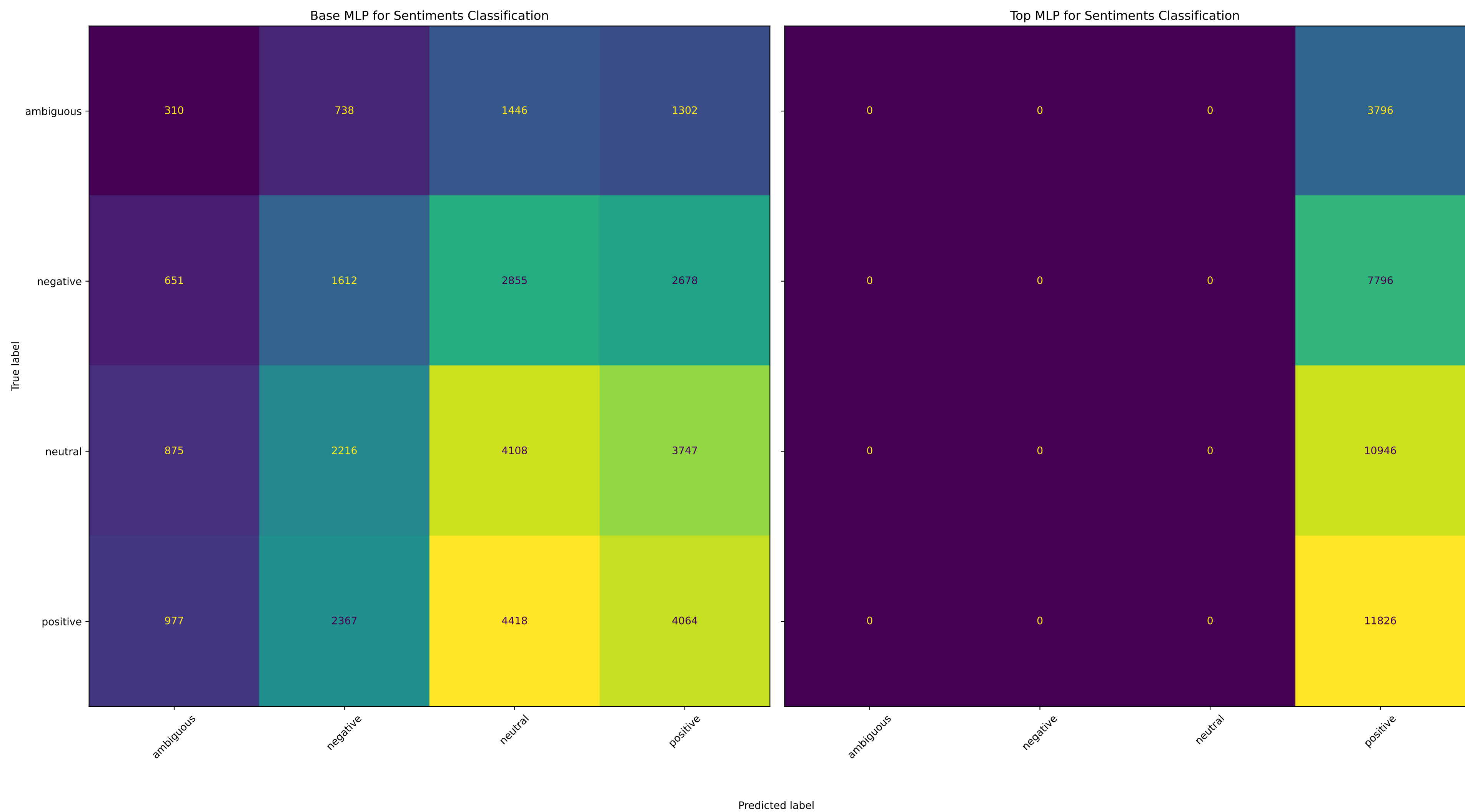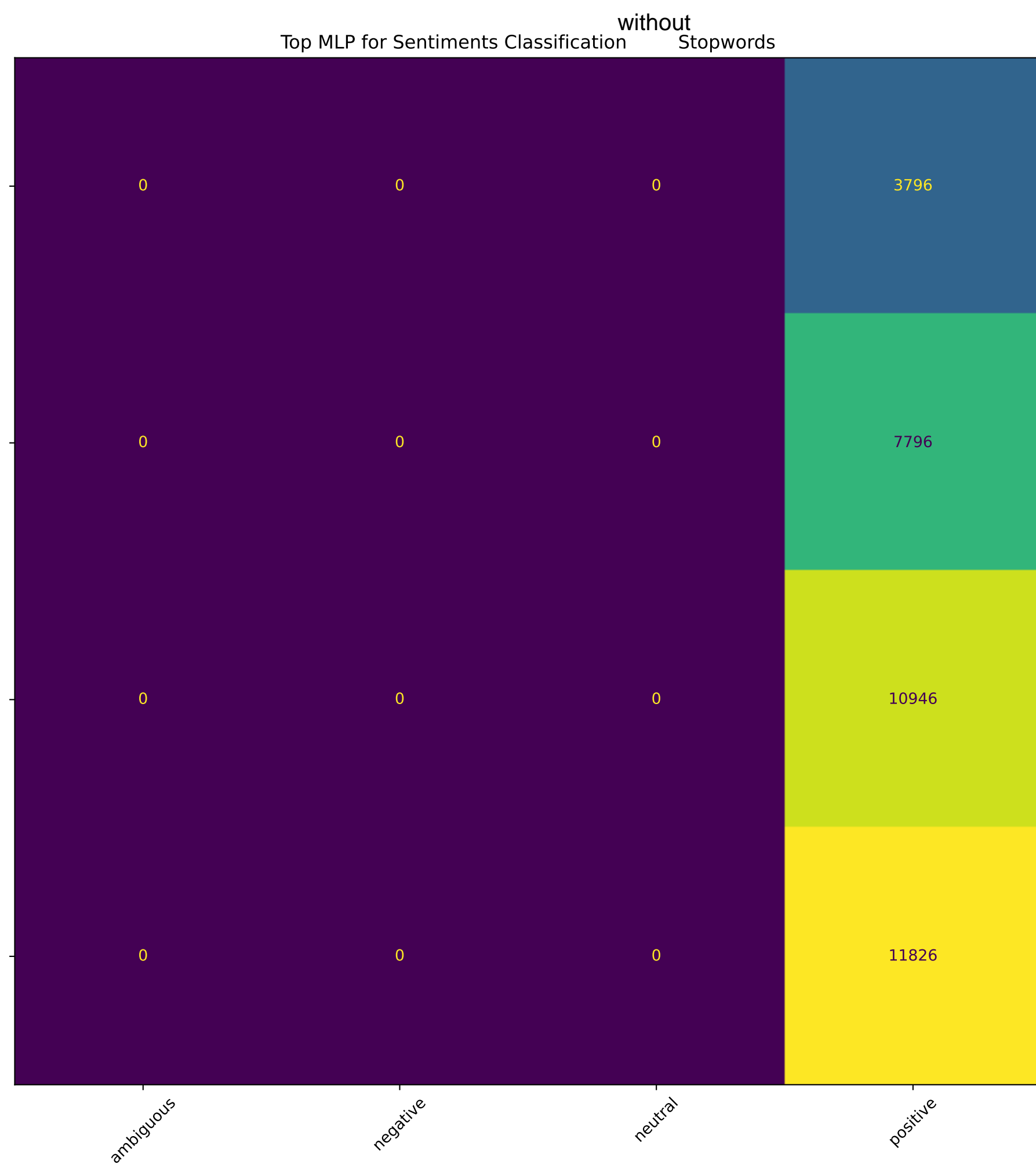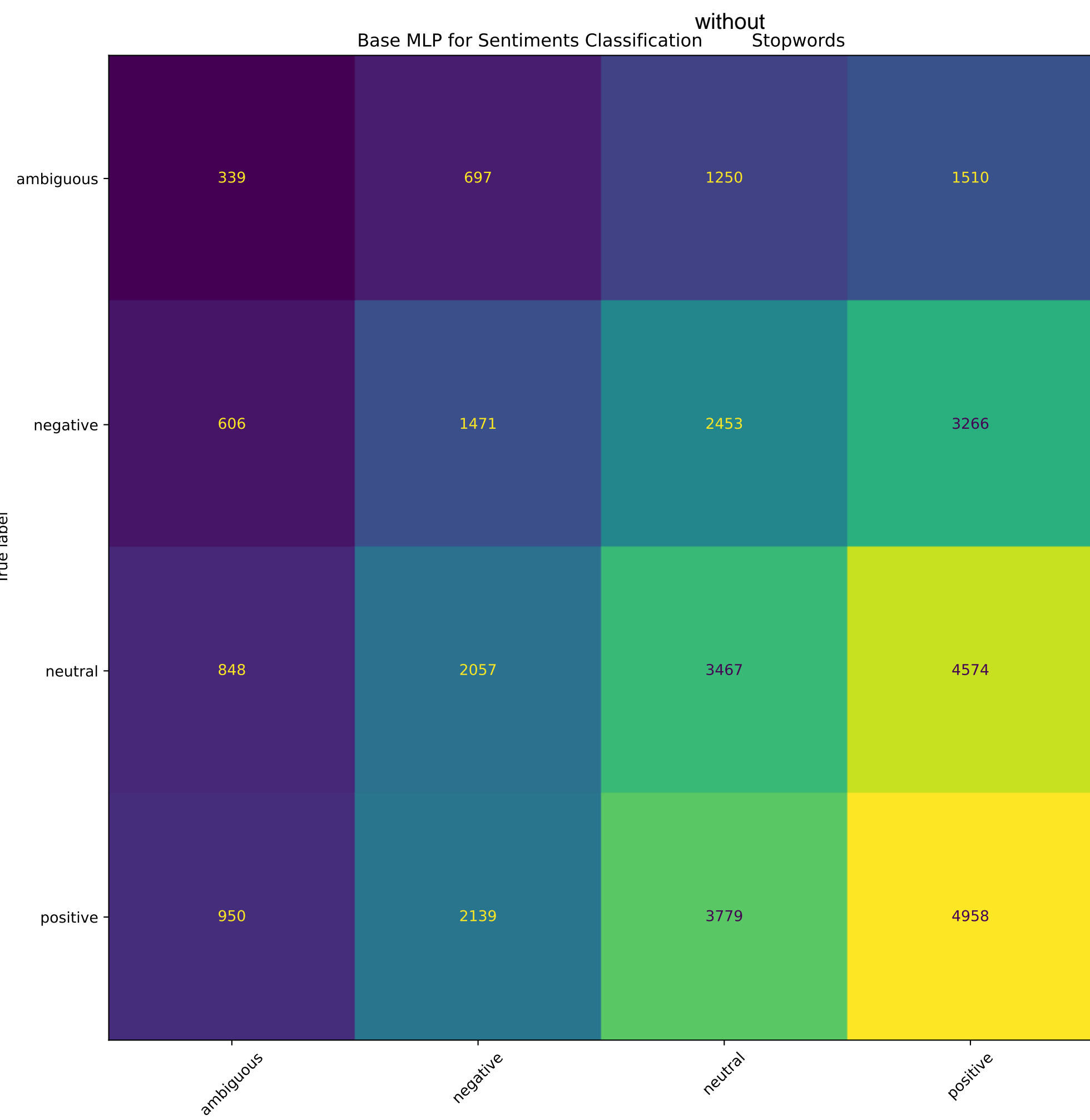
Base MLP for Emotions Classification without Stopwords

Top MLP for Emotions Classification without Stopwords

True label

Predicted label

Base MLP for Sentiments Classification

Top MLP for Sentiments Classification

Base MLP for Sentiments Classification without Stopwords

Top MLP for Sentiments Classification without Stopwords