

Mental health text sentiment report

Method: VADER sentiment on statement text (compound score in [-1, 1])

Dataset size: 53043 rows, 7 labels. Missing statements: 375

Key findings

- Depression and Suicidal are strongly negative on average (lower mean and median compound scores).
- Normal is the only label with a clearly positive average sentiment.
- Anxiety and Stress skew negative, but less extreme than Suicidal/Depression.
- Bipolar and Personality disorder show mixed language with a sizable positive share.

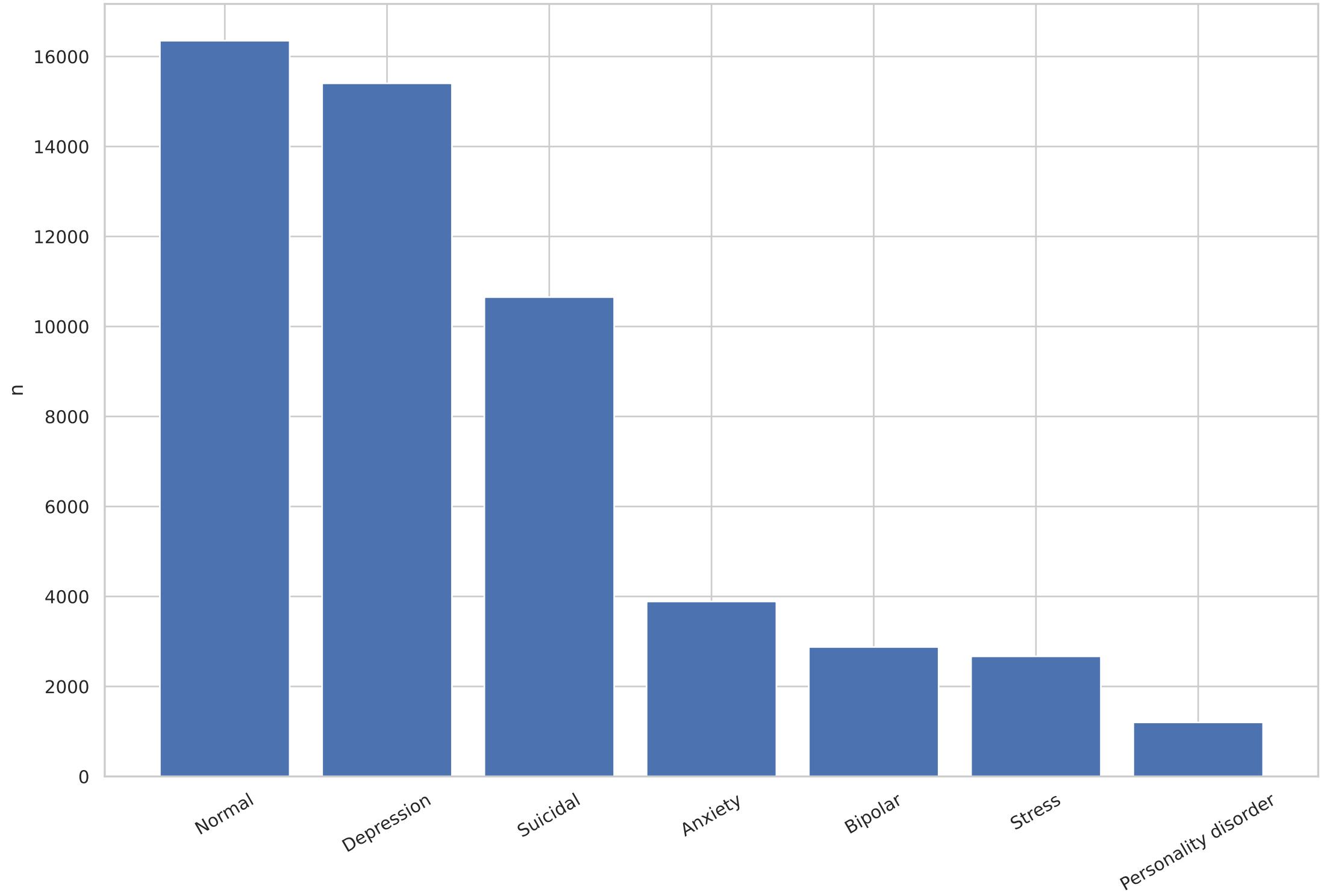
Sentiment label rules

- negative: compound < -0.05
- neutral: -0.05 to 0.05
- positive: compound > 0.05

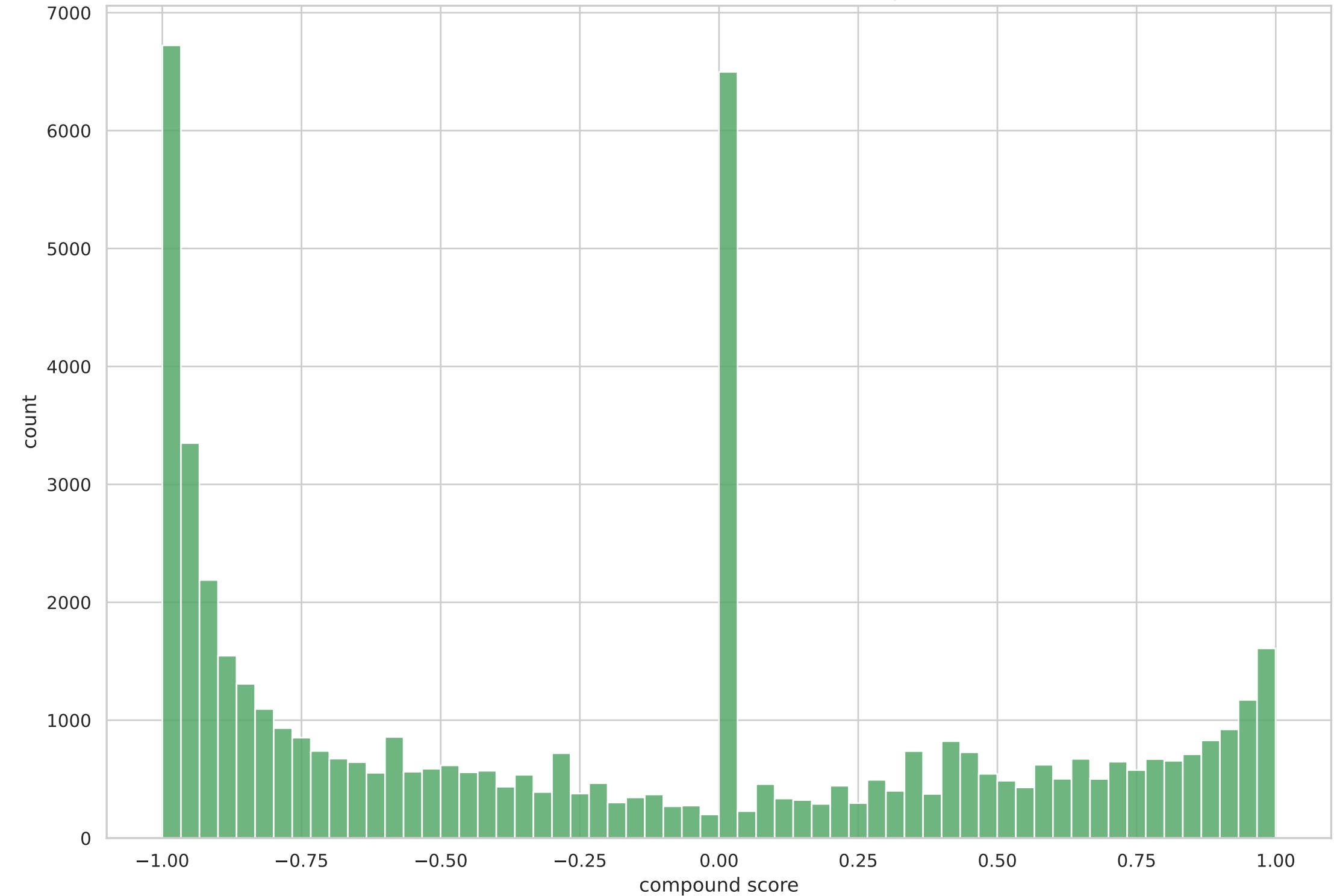
Important note

This is linguistic sentiment, not a clinical assessment. Some positive-scored posts may reflect recovery language, sarcasm, or quoting.

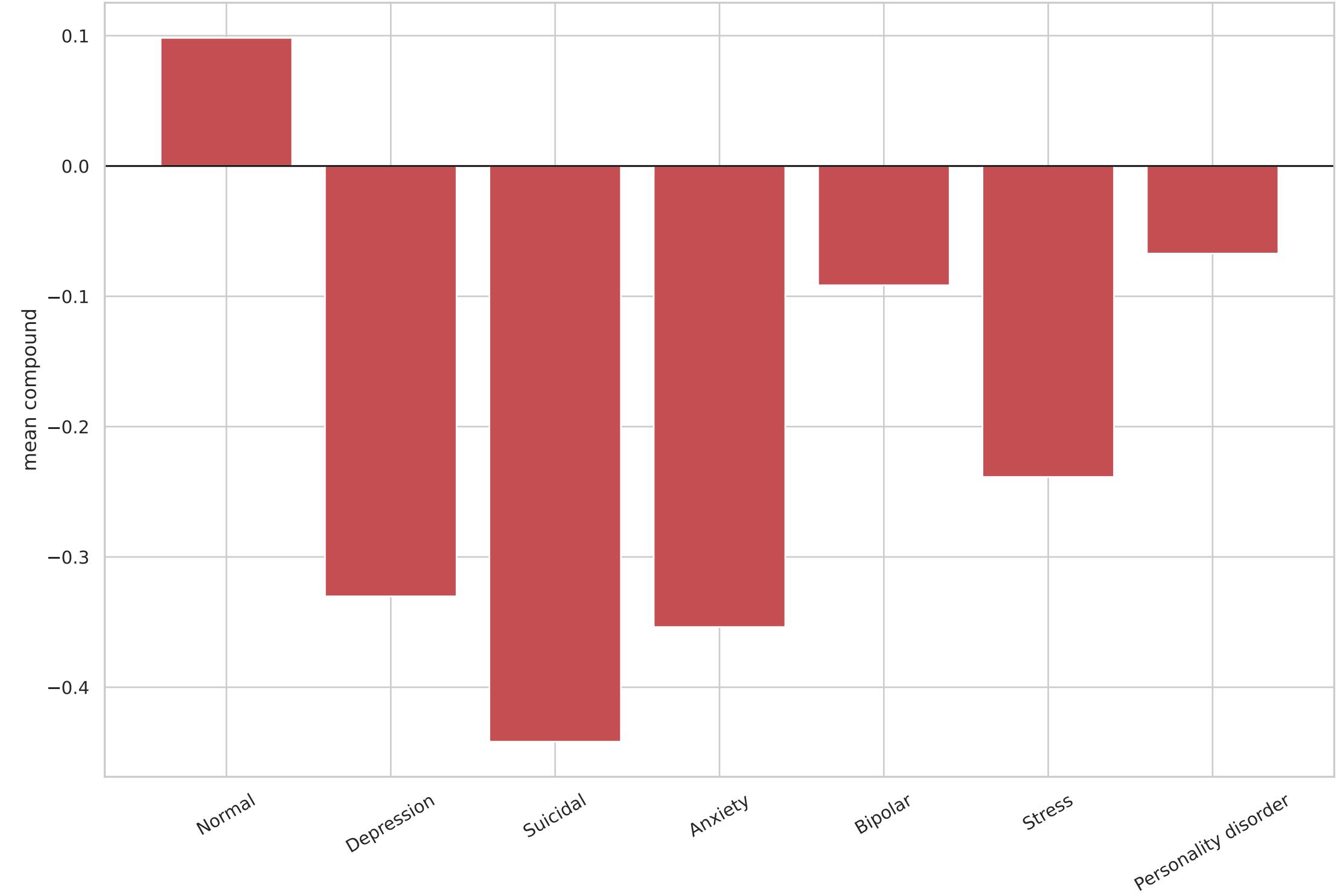
Rows per mental-health label



Overall sentiment distribution (VADER compound)



Average sentiment (compound) by mental-health label



Overall sentiment statistics

sent_pos	sent_neu	sent_neg	sent_compound
53043.0	53043.0	53043.0	53043.0
0.1141	0.7401	0.1388	-0.1987
0.1143	0.1586	0.1214	0.6675
0.0	0.0	0.0	-0.9999
0.034	0.667	0.041	-0.8793
0.095	0.744	0.13	-0.2584
0.154	0.822	0.199	0.3818
1.0	1.0	1.0	0.9997

Per-label sentiment summary

	n	mean_compound	median_compound	neg_pct	neu_pct	pos_pct
Normal	16351.0	0.0983	0.0	24.9709	34.3037	40.7253
Depression	15404.0	-0.3302	-0.7092	67.6772	2.2397	30.0831
Suicidal	10653.0	-0.4417	-0.8	73.6037	3.1447	23.2517
Anxiety	3888.0	-0.3538	-0.6124	70.6019	2.8807	26.5175
Bipolar	2877.0	-0.0915	-0.1969	51.6858	6.0132	42.301
Stress	2669.0	-0.2386	-0.4917	61.3713	5.133	33.4957
Personality disorder	1201.0	-0.0672	0.0	46.7111	13.3222	39.9667