Sentiment Analysis of tweets containing the word "Hijab" through RoBERTa for each month in the years 2020, 2021, 2022

April 19, 2023

month	negative	neutral	positive
1	0.227963	0.479378	0.292659
2	0.203206	0.52469	0.272104
3	0.249625	0.464295	0.28608
4	0.162817	0.507773	0.32941
5	0.17838	0.479071	0.342549
6	0.183452	0.506006	0.310542
7	0.244305	0.464163	0.291531
8	0.185776	0.524621	0.289603
9	0.195392	0.457106	0.347501
10	0.226024	0.5084	0.265576
11	0.221649	0.527925	0.250426
12	0.31763	0.470969	0.2114

Table HIJAB.2020: RoBERTa sentiment score averages for "Hijab" in 2020
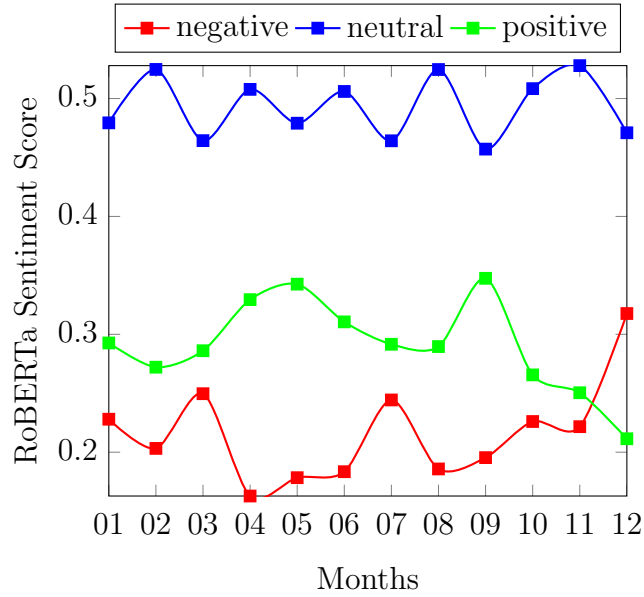

Figure HIJAB.2020: the average RoBERTa sentiment scores per month in 2020

month	negative	neutral	positive
1	0.194281	0.510767	0.294952
2	0.296375	0.448664	0.254962
3	0.345491	0.462974	0.191534
4	0.314667	0.476207	0.209126
5	0.225056	0.464163	0.318456
6	0.256616	0.477898	0.265486
7	0.323562	0.419309	0.257129
8	0.316212	0.450765	0.233023
9	0.324873	0.457316	0.217812
10	0.258818	0.453839	0.287343
11	0.221649	0.527925	0.250426
12	0.382191	0.377394	0.240415

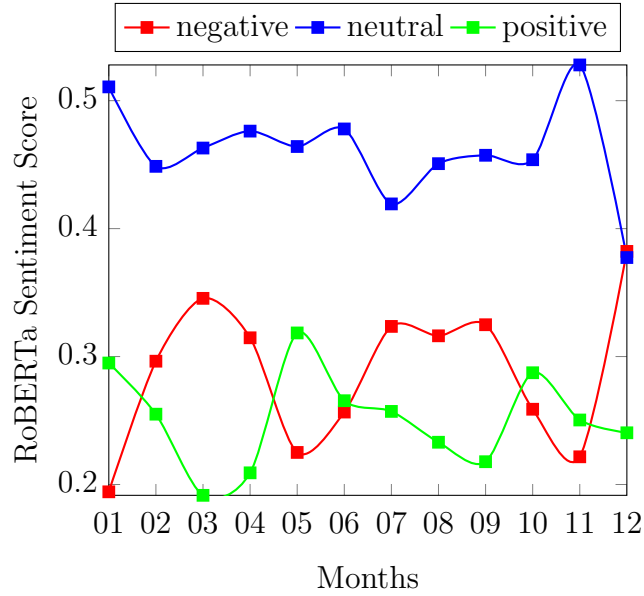Table HIJAB.2021: RoBERTa sentiment score averages for "Hijab" in 2021

Figure HIJAB.2021: the average RoBERTa sentiment scores per month in 2021

month	negative	neutral	positive
1	0.435875	0.422823	0.141302
2	0.414321	0.501178	0.084501
3	0.42793	0.463077	0.108993
4	0.453829	0.433634	0.112537
5	0.420186	0.440953	0.138861
6	0.379524	0.4631	0.157376
7	0.359085	0.460812	0.180103
8	0.303097	0.453413	0.24349
9	0.523433	0.3966	0.079967
10	0.404521	0.462163	0.133316
11	0.419769	0.439397	0.140835
12	0.388736	0.458292	0.152972

Table HIJAB.2022: RoBERTa sentiment score averages for "Hijab" in 2022
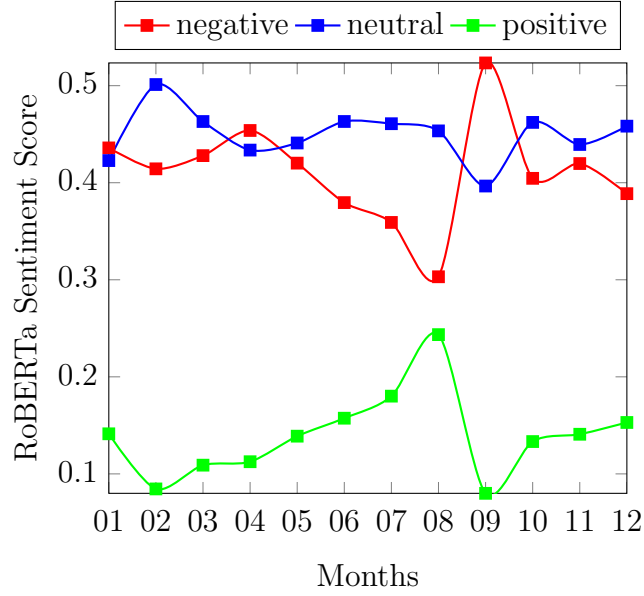

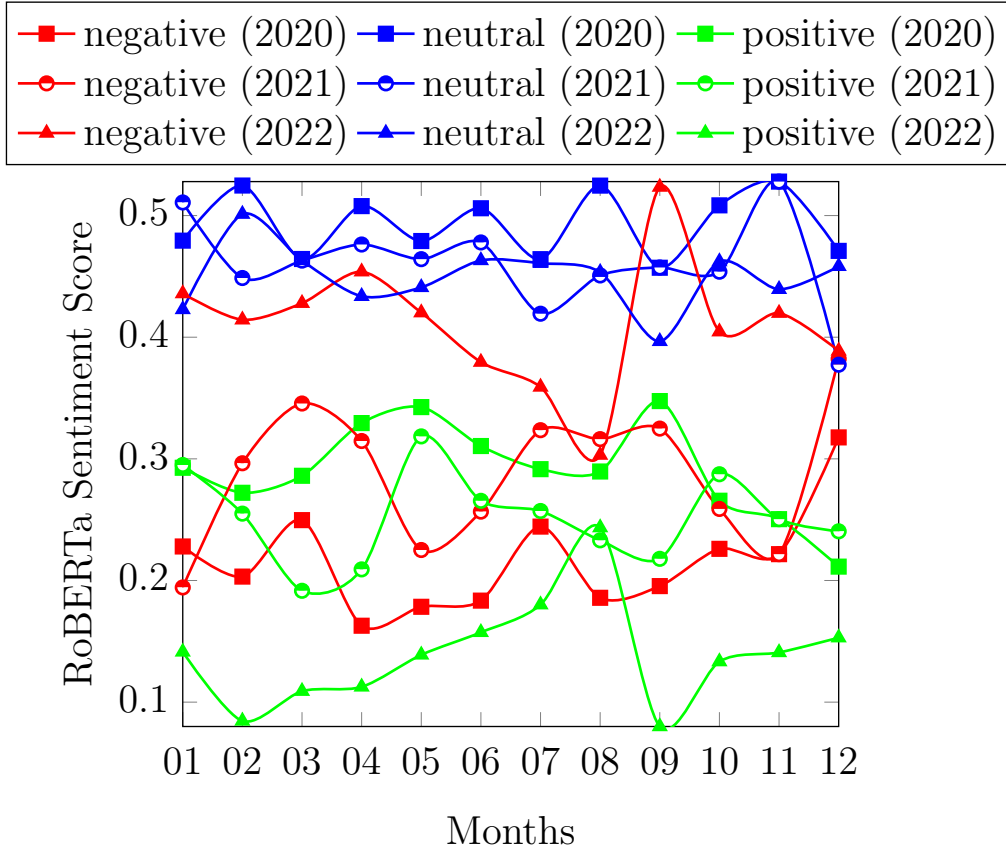Figure HIJAB.2022: the average RoBERTa sentiment scores per month in 2022

Figure HIJAB.*: average RoBERTa sentiment scores 2020, 2021, 2022