Sentiment Analysis of tweets containing the phrase "Women in Islam" through RoBERTa for each month in the years 2020, 2021, 2022

April 17, 2023

month	negative	neutral	positive
1	0.393111	0.452853	0.154036
2	0.36317	0.464288	0.172542
3	0.320349	0.491824	0.187827
4	0.312381	0.491133	0.196486
5	0.368589	0.468088	0.163323
6	0.314328	0.514602	0.171069
7	0.354908	0.506978	0.138114
8	0.371355	0.499156	0.129489
9	0.354625	0.499308	0.146067
10	0.347266	0.503151	0.149583
11	0.354947	0.497241	0.147812
12	0.339671	0.494641	0.165688

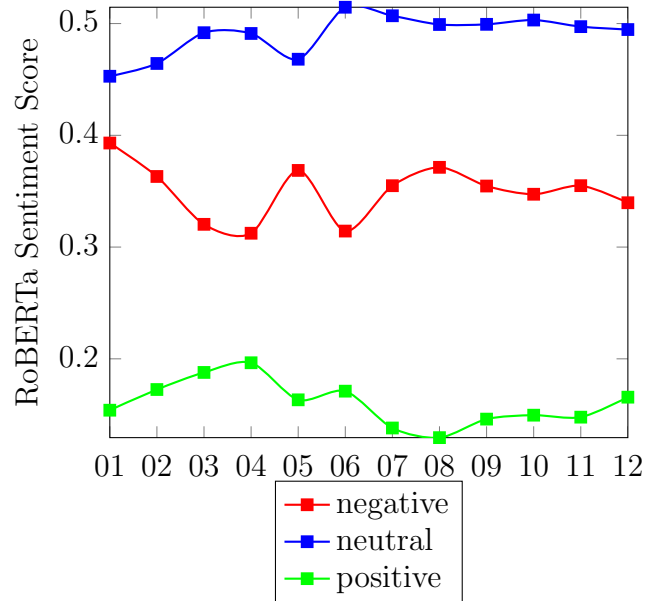Table WOMEN.2020: RoBERTa sentiment score averages for "Women" in 2020

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

month	negative	neutral	positive
1	0.281326	0.535699	0.182975
2	0.327944	0.484966	0.18709
3	0.297215	0.50411	0.198675
4	0.343861	0.506811	0.149328
5	0.421921	0.440385	0.137693
6	0.372821	0.509276	0.117903
7	0.377035	0.495445	0.12752
8	0.476664	0.444567	0.078769
9	0.414191	0.482541	0.103268
10	0.321131	0.542858	0.136011
11	0.335012	0.531957	0.13303
12	0.412376	0.450034	0.137591

Table WOMEN.2021: RoBERTa sentiment score averages for "Women" in 2021
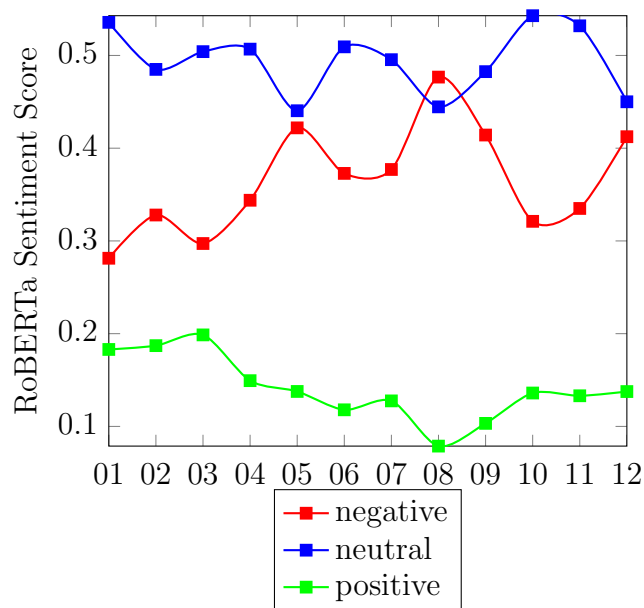

Figure WOMEN.2021: the average RoBERTa sentiment scores per month in 2021

month	negative	neutral	positive
1	0.400641	0.456642	0.142717
2	0.395564	0.484081	0.120355
3	0.32163	0.497702	0.180669
4	0.362745	0.465766	0.171489
5	0.438957	0.436249	0.124794
6	0.41319	0.468444	0.118367
7	0.411405	0.478207	0.110387
8	0.411922	0.454967	0.133111
9	0.467789	0.437964	0.094247
10	0.441162	0.449249	0.109589
11	0.443551	0.436028	0.120421
12	0.450151	0.440445	0.109404

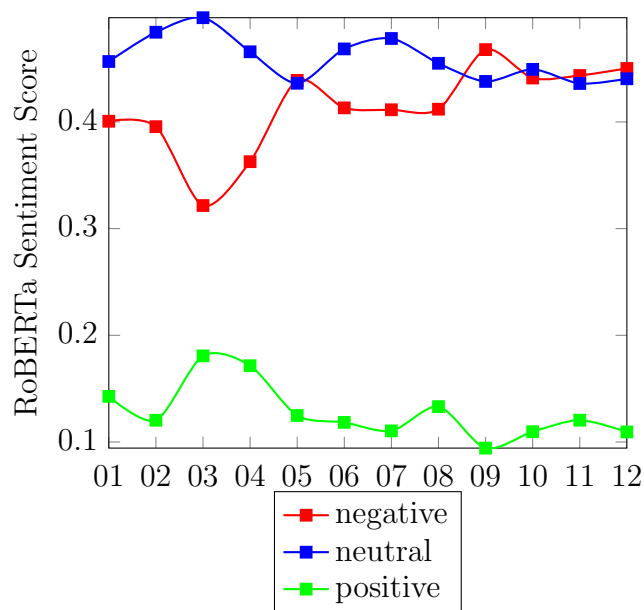Table WOMEN.2022: RoBERTa sentiment score averages for "Women" in 2022

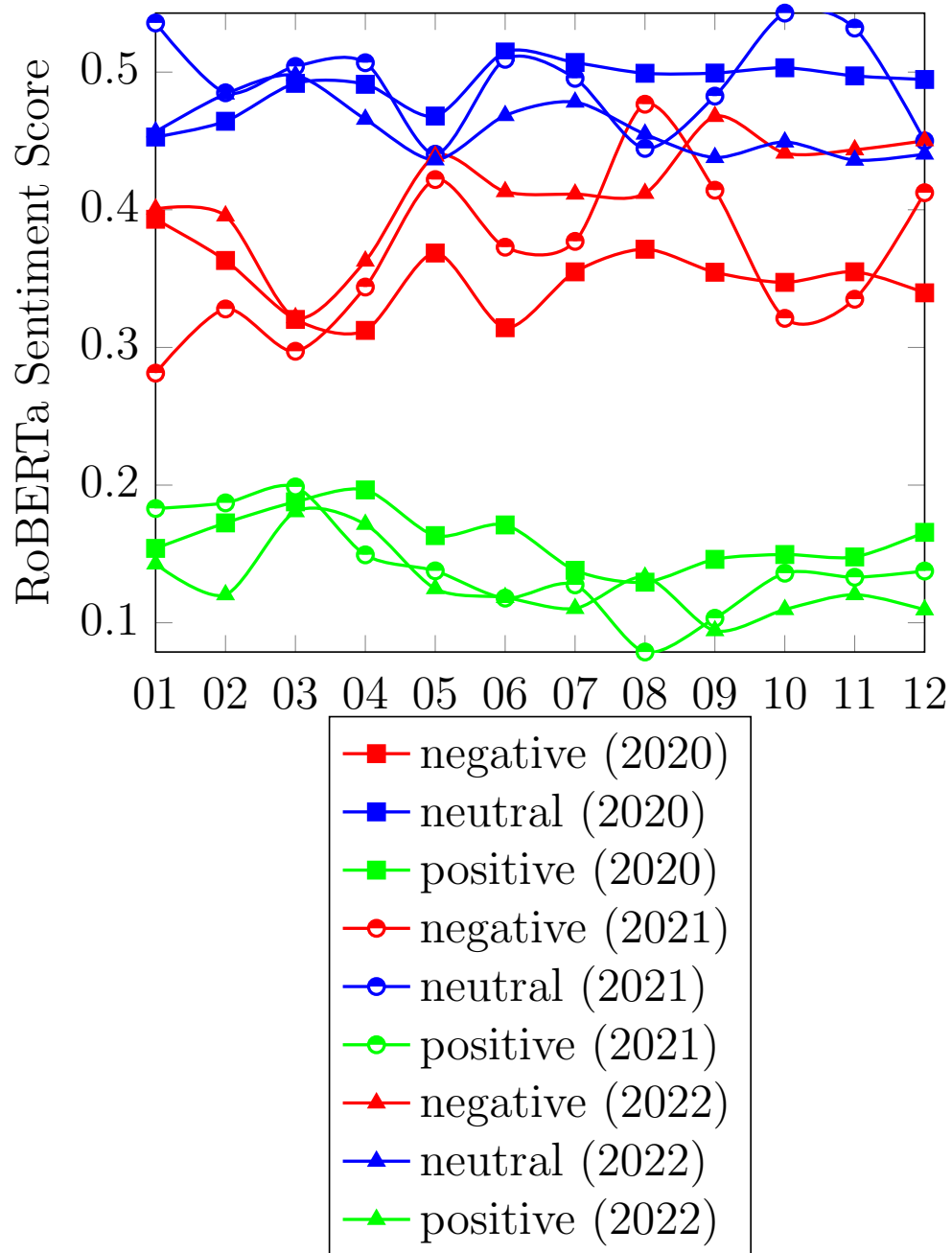Figure WOMEN.2022: the average RoBERTa sentiment scores per month in 2022

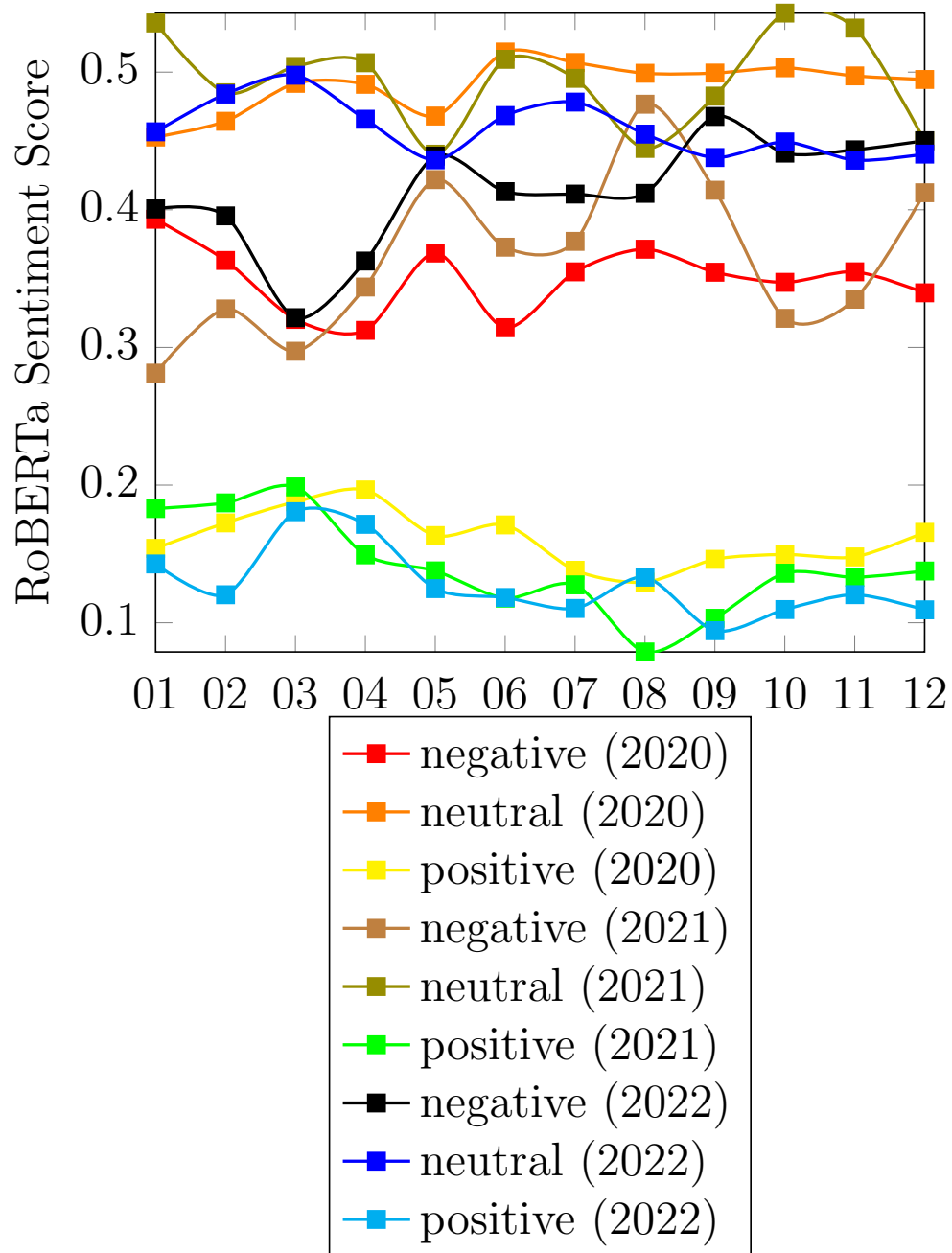Figure WOMEN.*: average RoBERTa sentiment scores 2020, 2021, 2022

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