

Appendix A

The following table lists the 50 most frequently occurring words in tweets containing the root word "klima". For the frequency shown in the table, only the word's unique occurrence was counted, meaning only tweets in which the respective word was the only term containing the root "klima" were considered. The columns contain the respective word, its absolute number in the 2021 data set, and the English translation of the term.

Word	Frequency	English Translation
klima	112161	climate
klimawandel	94260	climate change
klimakrise	62026	climate crisis
klimakatastrophe	18874	climate catastrophe
klimapolitik	15995	climate policy
klimastreik	11119	climate strike
klimaschutz	4141	climate protection
klimaleugner	1347	climate denier
klimahysterie	950	climate hysteria
klimawandels	781	climate change
eike_klima	692	EIKE (Europäisches Institut für Klima & Energie) = climate change denial blog
klimaheuchler	674	climate hypocrite
klimaziele	491	climate goals
pik_klima	470	PIK = Potsdam Institute for Climate Impact Research
dwd_klima	327	DWD = Deutscher Wetterdienst (National Meteorological Service)
klimalüge	318	climate lie
klima_allianz	250	climate alliance
klimaneutral	244	climate-neutral
klimagipfel	230	climate summit
klimabericht	209	climate report
klimaneutralität	190	climate neutrality
klimakonferenz	170	climate conference

klimateforscher	170	climate researchers
klimatewahl	168	climate election
klimatechutzgesetz	165	climate protection law
weltklimarat	163	Intergovernmental Panel on Climate Change
klimatekrise ist jetzt	155	climate crisis is now
klimatenotstand	142	climate emergency
klimatechützer_innen	131	climate protectors
buergerratklimate	131	citizens' climate council
weltklimarates	129	global climate council
klimateaktivisten	120	climate activists
klimateerwärmung	119	global warming
klimatechützer	108	climate protector
klimategerechtigkeit	103	climate justice
klimate	95	either "climate's" (genitive singular) or "climates" (plural)
klimateziel	93	climate target
klimatekiller	87	climate killers
klimatekampf	85	climate fight
klimatebewegung	84	climate movement
klimatepaket	80	climate package
klimateaneutrale	80	climate-neutral
klimate_vb	79	climate weather pattern
klimatewende	75	climate turnaround
klimatezielen	72	climate targets
klimatechädlich	70	climate-damaging
klimatefreundliche	66	climate-friendly
weltklimakonferenz	62	World Climate Conference
klimatepledge	62	climate pledge

Appendix B

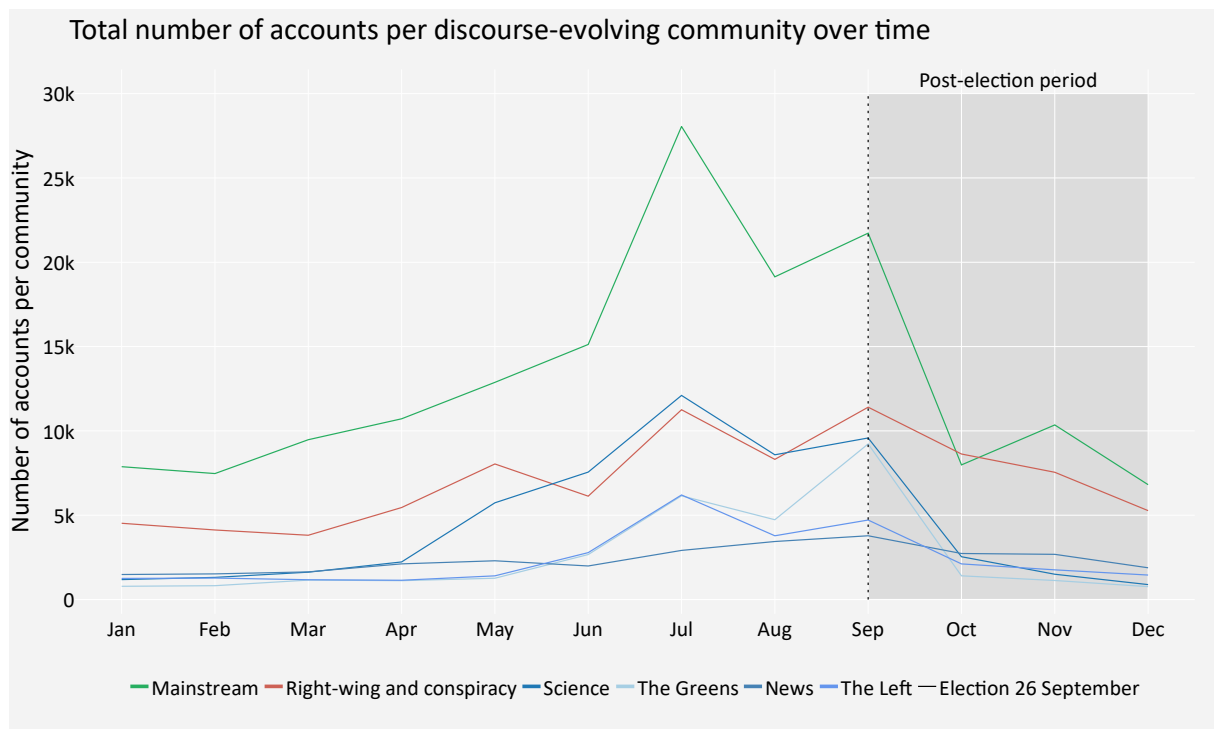


Figure 1 shows the monthly change in the size of the six largest discourse-evolving communities. The Y-axis represents the absolute number of accounts assigned to a community in the respective month.

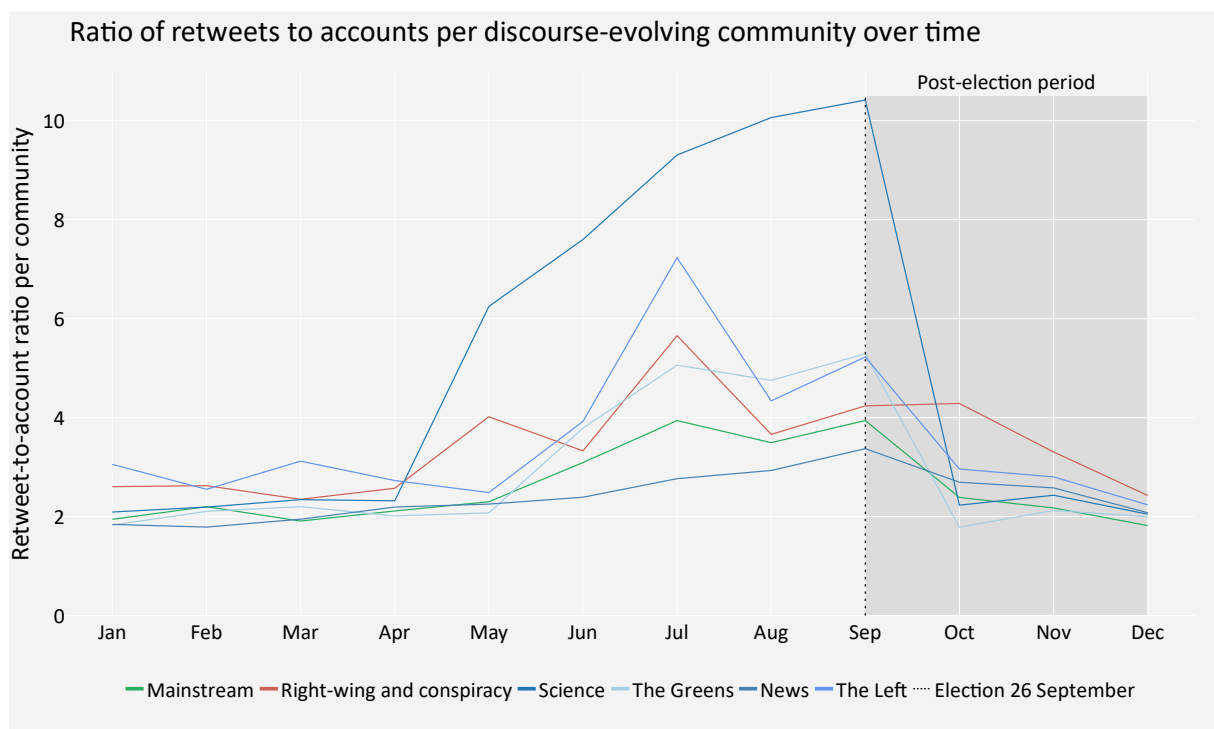


Figure 2 illustrates the activity of the discourse-evolving communities. The value on the y-axis is calculated by dividing the number of retweets by the total size of the community, and indicates the average interaction rate per account.

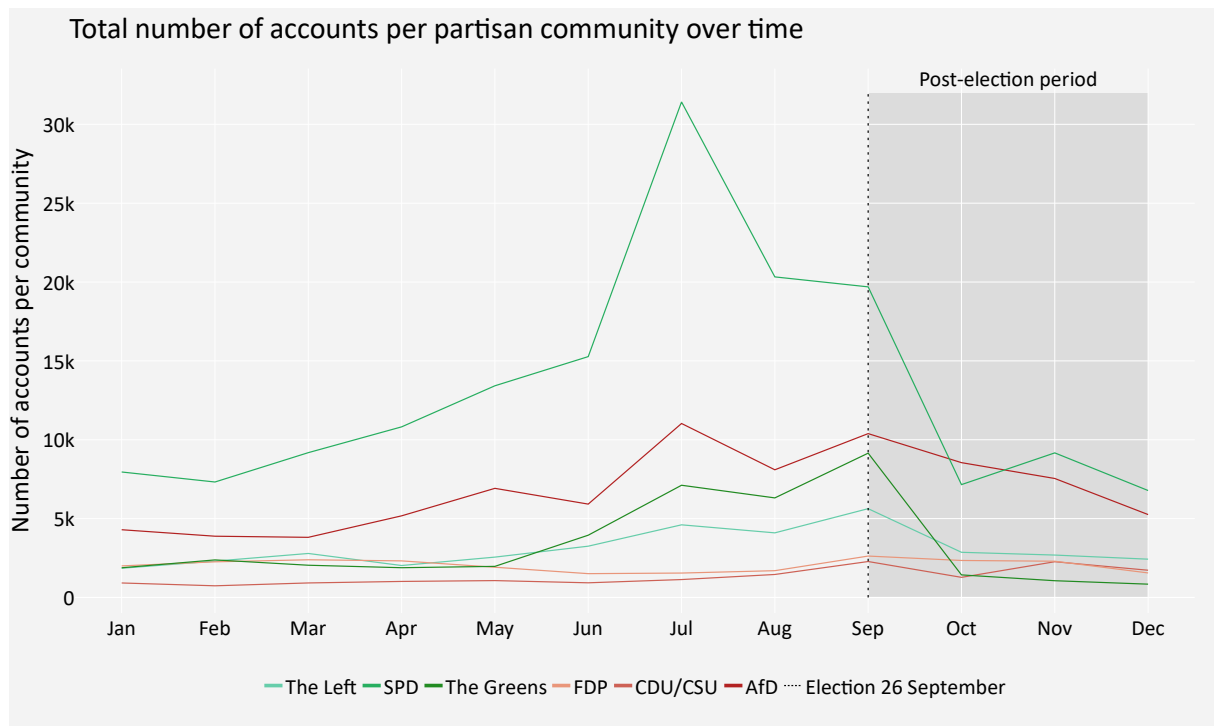


Figure 3 shows the monthly change in the size of the partisan communities. The Y-axis represents the absolute number of accounts assigned to a community in the respective month.

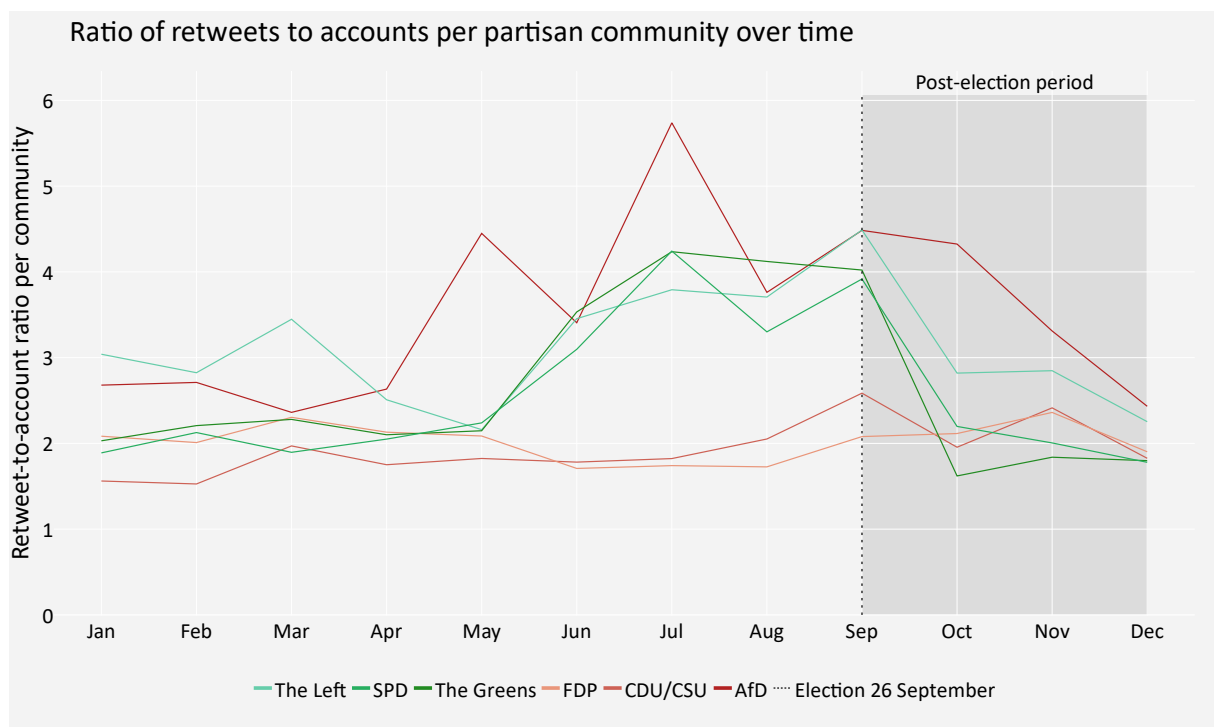


Figure 4 illustrates the activity of partisan communities. The value on the y-axis is calculated by dividing the number of retweets by the total size of the community, and indicates the average interaction rate per account.

Appendix C

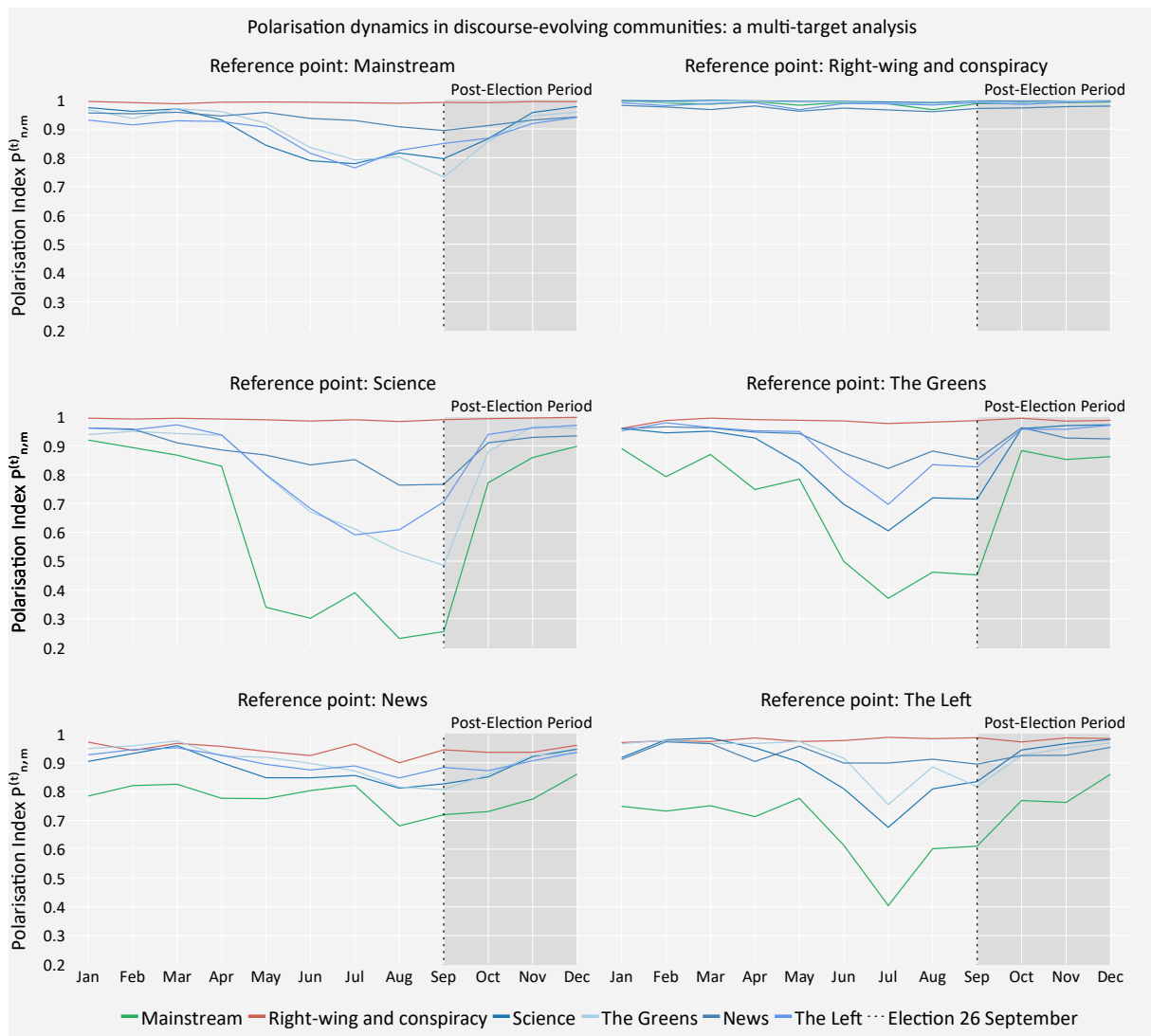


Figure 5 consists of six sub-diagrams, each representing the polarisation of the discourse-evolving communities in relation to a specific target community. For example, the diagram at the top left shows the polarisation value of the Right-wing and conspiracy, Science, The Greens, News, and The Left communities in reference to the Mainstream community.

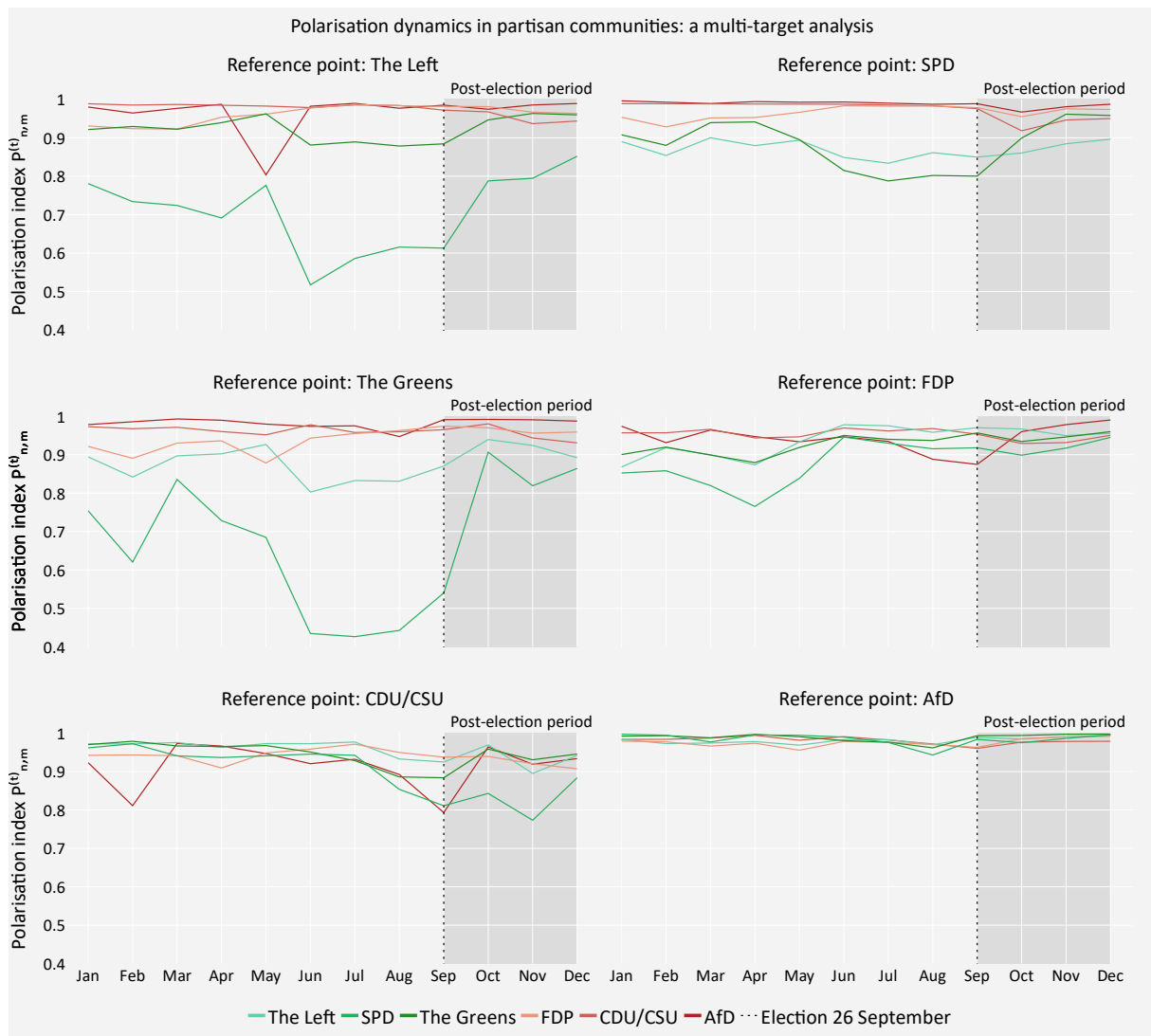


Figure 6 consists of six sub-diagrams, each representing the polarisation of the partisan communities in relation to a specific target community. For example, the top-left diagram ("The Left") visualises how strongly the communities of the CDU/CSU, AfD, FDP, The Greens, and SPD partisans are polarised towards the The Left community.