Supplemental material for Riding information crises: The performance of far-right Twitter users in Australia during the 2019-20 bushfires and the COVID-19 pandemic

20 April 2023

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The replication code and data is made available on the authors' Dataverse (https://doi.org/10.7910/DVN/QN1LUZ).

Data collection details

Twitter data capturing the conversation around the 2019–20 Australian bushfires and Covid-19 pandemic was purchased from Twitter and made available for download on 3 October 2020.

- Period 1
- Date Range: `12/14/2019 - 1/25/2020`
- Ruleset: `profile_country:au (bushfire OR bushfires OR australianfires OR arson OR #climatechange OR "climate change" OR #climatemergency OR #scottyfrommarketing OR #liarfromtheshiar OR #climatehoax OR #australiaburns OR #australiaburning OR #climatecrisis OR #climateactionnow OR #itsthegreensfault OR #backburning)`
- Period 2
- Date Range: `3/2/2020 - 4/13/2020`
- Ruleset: `profile_country:au (covid OR coronavirus OR covid-19 OR #COVID 19 OR pandemic OR WHO OR "world health organization" OR vaccine OR "social distancing" OR quarantine OR #plandemic OR #chinavirus OR wuhan OR #stayhome OR #MadeinChina OR #ChinaLiedPeopleDied OR 5G OR #chinacentric)`

Data summary and statistics

Table 1: Period 1: Tweet data

Column names
created_at
tweet_id
user_id
user_screen_name
user_description
in_reply_to_status_id
quoted_status_id
retweeted_status_id
in_reply_to_user_id
quoted_status_user_id
retweeted_status_user_id
quoted_status_permalink
text

Table 2: Period 1: Distinct tweets

tweet_id	user_id
Length:1864011	Length:1864011
Class :character	Class :character
Mode :character	Mode :character

Table 8: Period 1: Top 40 hashtags

hashtag	frequency
scottyfrommarketing	85140
auspol	55676
climatechange	33598
bushfires	30365
australianfires	28141
australiaburns	26913
australiaburning	20471
bushfire	14117
climateemergency	13412
australiafires	11188
climatecrisis	10406
australia	10310
nswfires	9292
bushfirecrisis	7692
australiaonfire	6601
vicfires	6595
australianbushfires	6160
australians	5989
breaking	5367
morrisonfires	4962

Table 8: Period 1: Top 40 hashtags *(continued)*

hashtag	frequency
scomo	4460
crimeminister	4260
scottyfommarketing	4068
itsthegreensfault	4062
australiabushfires	4001
morrison	3870
scottmorrison	3820
ausfires	3689
scomomustgo	3670
arsonemergency	3597
liarfromtheshire	3377
scomoresign	3239
mallacoota	3218
climate	3102
firecrisis	3045
smoko	3020
notmypm	2862
9news	2756
fire	2730
lnp	2715

Table 16: Period 2: Top 40 hashtags

hashtag	frequency
coronavirus	240620
covid19	107981
auspol	54216
covid 19	51748
covid_19	36271
covid	24961
covid19aus	19820
breaking	19295
stayhome	13689
covid19au	11871
covid_19australia	11544
coronavirusaustralia	10284
covid19australia	9381
9news	8575
australia	8221
china	8116
scottyfrommarketing	7239
stayathome	5961
covid2019	5876
socialdistancing	5620
coronavirusaus	5529

Table 16: Period 2: Top 40 hashtags *(continued)*

hashtag	frequency
iran	5508
flattenthecurve	5361
insiders	5268
pandemic	4935
rubyprincess	4780
7news	4737
quarantine	4720
qanda	3996
italy	3761
coronavirusoutbreak	3723
coronavirusau	3641
wuhan	3451
lockdown	3431
trump	3425
coronaviruspandemic	3025
pell	2675
morrison	2515
scomo	2375
corona	2332

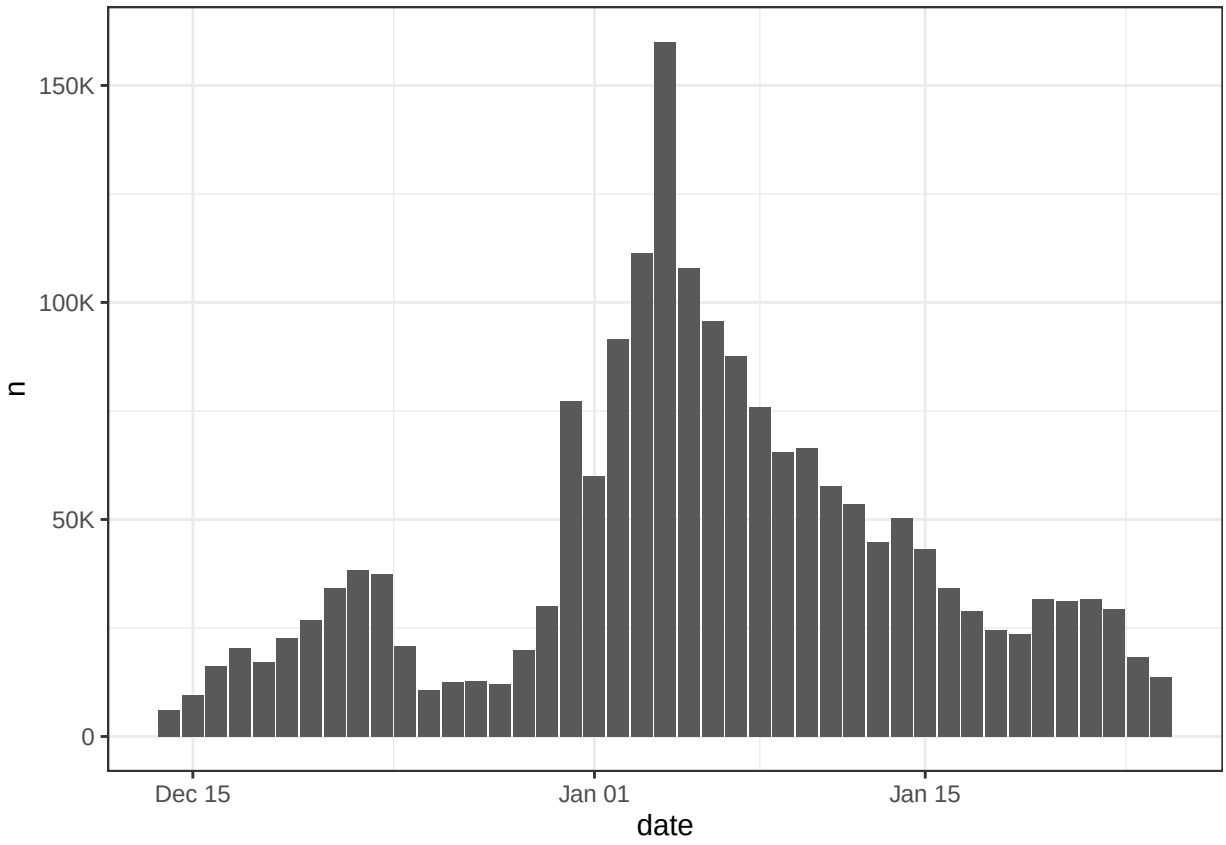


Figure 1: Period 1: Tweets by day

Table 3: Period 1: User data

Column names
tweet_id
user_id
user_screen_name
user_description
user_created_at
user_favourites_count
user_followers_count
user_friends_count
user_listed_count
user_location
user_location_derived_country_code
user_location_derived_full_name
user_location_derived_geo_x
user_location_derived_geo_y
user_statuses_count
user_url
user_verified

Table 4: Period 1: Distinct users

user_id
Length:153191
Class :character
Mode :character

Table 5: Period 1: Distinct author users (i.e. exluding reshared/mentioned users)

user_id
Length:119057
Class :character
Mode :character

Table 6: Period 1: Distinct urls

url
Length:361462
Class :character
Mode :character

Table 7: Period 1: Distinct hashtags

hashtag
Length:27797
Class :character
Mode :character

Table 9: Period 2: Tweet data

Column names
created_at
tweet_id
user_id
user_screen_name
user_description
in_reply_to_status_id
quoted_status_id
retweeted_status_id
in_reply_to_user_id
quoted_status_user_id
retweeted_status_user_id
quoted_status_permalink
text

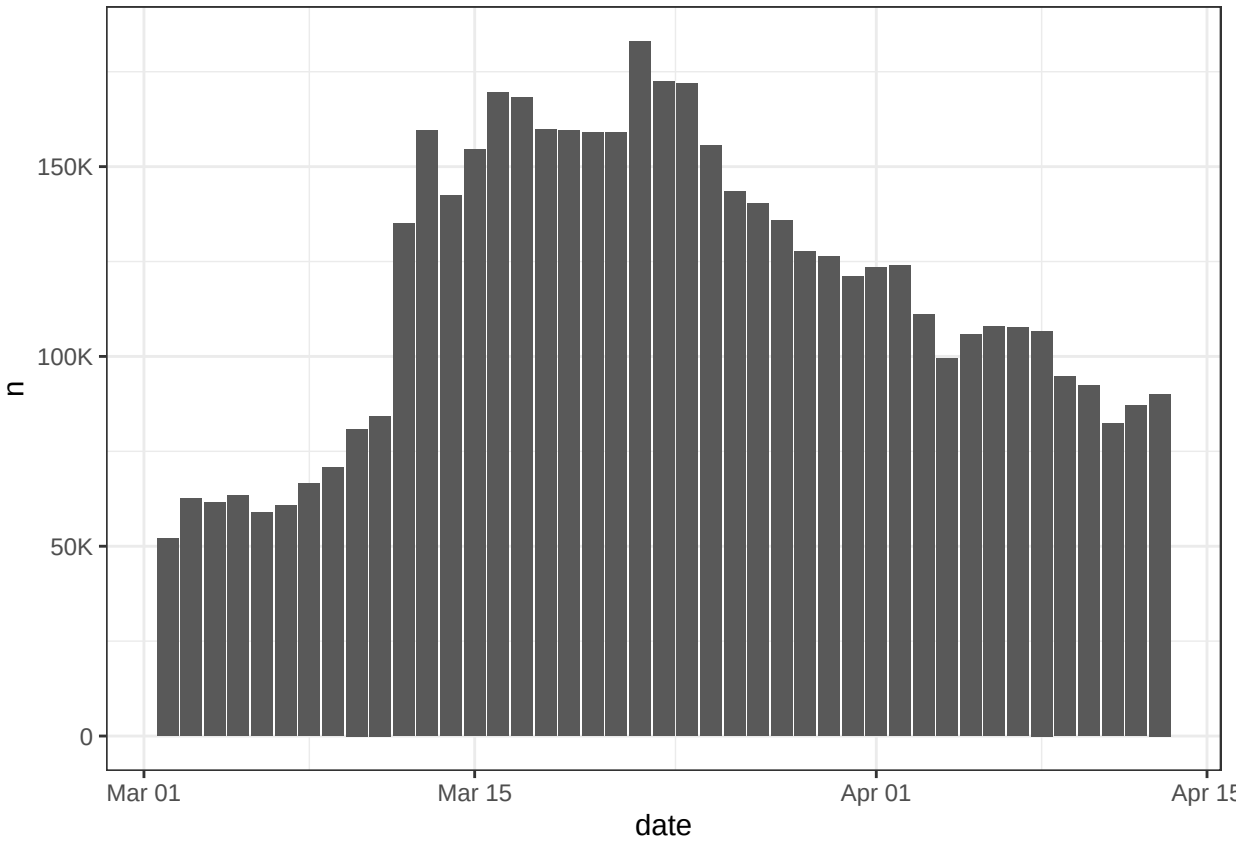


Figure 2: Period 2: Tweets by day

Table 10: Period 2: Distinct tweets

tweet_id	user_id
Length:5038308	Length:5038308
Class :character	Class :character
Mode :character	Mode :character

Table 11: Period 2: User data

Column names
tweet_id
user_id
user_screen_name
user_description
user_created_at
user_favourites_count
user_followers_count
user_friends_count
user_listed_count
user_location
user_location_derived_country_code
user_location_derived_full_name
user_location_derived_geo_x
user_location_derived_geo_y
user_statuses_count
user_url
user_verified

Table 12: Period 2: Distinct users

user_id
Length:555706
Class :character
Mode :character

Table 13: Period 2: Distinct author users (i.e. exluding reshared/mentioned users)

user_id
Length:253028
Class :character
Mode :character

Table 14: Period 2: Distinct urls

url
Length:1258827
Class :character
Mode :character

Table 15: Period 2: Distinct hashtags

	hashtag
	Length:112327
	Class :character
	Mode :character

Coding of Twitter accounts

Table 17: Twitter lists used to code far-right accounts (n=210)

list_id	uri	subscriber_count	member_count	timestamp
1315682014096437258	/JohnCHorne/lists/people	0	42	2020-10-15 14:31:18
1314686366224130048	/vday74/lists/to-follow	1	16	2020-10-15 14:31:18
1312693107981344768	/WWG1WGA_JWIDE/lists/anon	1	21	2020-10-15 14:31:18
1310939201626615811	/SimranS33204475/lists/fav	0	4	2020-10-15 14:31:18
1306465990100779008	/mapatriot1776/lists/wwg1wga	2	68	2020-10-15 14:31:18
1305952365607038978	/donnarigdonring/lists/videos	0	8	2020-10-15 14:31:18
1304741175107227648	/flybrand/lists/int-l	0	175	2020-10-15 14:31:18
1304513813216141312	/FreedomTrain14/lists/intel1	1	9	2020-10-15 14:31:18
1304391158588637185	/VeronicaATX/lists/covie	0	20	2020-10-15 14:31:18
1302772846947598336	/sweet_rainey1/lists/wwg1wga-patriots	6	249	2020-10-15 14:31:18
1302551794602696706	/DirkBoon47/lists/belangrijkse	0	14	2020-10-15 14:31:18
1300936485491834882	/flybrand/lists/public-health1	2	512	2020-10-15 14:31:18
1300552039987130368	/BidensEarpiece/lists/maga	24	758	2020-10-15 14:31:18
1300441107344445441	/treenamaria1/lists/maga	0	284	2020-10-15 14:31:18
1299572749220937729	/Ottoe_Dyedact/lists/i-gn-si-e-nai-d-nami1	7	485	2020-10-15 14:31:18
1297899500833574920	/pipster_trading/lists/list	2	73	2020-10-15 14:31:18
1297764729100804096	/G72Pandawal/lists/aussie-patriots	7	57	2020-10-15 14:31:18
1297283910649278465	/WeThePeopleWWG1/lists/qfs	3	98	2020-10-15 14:31:18
1297254240553861120	/CryptoJikky/lists/17	2	37	2020-10-15 14:31:18
1297220674780635143	/dawilliams59/lists/patriots	1	76	2020-10-15 14:31:18
1295033566821154817	/VCallLogan1/lists/patriots	1	46	2020-10-15 14:31:18
1294834749920301057	/Bex10754118/lists/aussies	68	345	2020-10-15 14:31:18
1293976690230800386	/valliegirrrl/lists/news-commentary	0	31	2020-10-15 14:31:18
1293054606843342849	/micksakka/lists/experts	0	22	2020-10-15 14:31:18
1292802062187560962	/sitdownpraytell/lists/conspiracy-theorists	0	5	2020-10-15 14:31:18
1292187984968679425	/PureSmith2/lists/up-and-up	2	80	2020-10-15 14:31:18
1292183141097058305	/PatrickBellrin1/lists/patriots	0	32	2020-10-15 14:31:18
1291888968234131458	/cswojo22/lists/friends	1	13	2020-10-15 14:31:18
1291888842107125760	/AnnieT852/lists/great-follows	3	171	2020-10-15 14:31:18
1291886609646751744	/Kikizee8/lists/aussies	119	410	2020-10-15 14:31:18
1291854506871857152	/janedonovan/lists/aussie-17-s	72	199	2020-10-15 14:31:18
1291289213237784576	/My_Place21/lists/faves	0	26	2020-10-15 14:31:18
1290753206662955010	/Joylaine/lists/my-favourites	0	36	2020-10-15 14:31:18
1290526061902491649	/micksakka/lists/victoriatheguineapigstate	8	148	2020-10-15 14:31:18
1290399927378550791	/roisin1936/lists/top-conspiracy	1	51	2020-10-15 14:31:18
1289358691230027776	/JennieLuoz1/lists/aussie	0	8	2020-10-15 14:31:18
1289308781420122113	/Teamlight16/lists/daily-news	0	72	2020-10-15 14:31:18
1288953918677024770	/AwakeWatching/lists/ft	0	69	2020-10-15 14:31:19
1288099449835851776	/KassandraKitson/lists/good-doctors	1	57	2020-10-15 14:31:19
1285636842721693696	/loveoflibertea/lists/truth-seekers	0	31	2020-10-15 14:31:19
1285207228778250240	/17awakening/lists/the-right-side	3	262	2020-10-15 14:31:19
1283571370073489412	/ThreadedOne/lists/more-interesting-patriots	2	29	2020-10-15 14:31:19
1282717623969624065	/KingChrisTweet/lists/conspiracy-theories	1	39	2020-10-15 14:31:19
1281556737816817664	/KarenVendy/lists/truthers-oz-aussie	1	24	2020-10-15 14:31:19
1281413861548015616	/P8triot_/lists/proofs	0	3	2020-10-15 14:31:19
1281194331718574080	/ReconLLC/lists/whistleblowers	0	11	2020-10-15 14:31:19
1281117041265479682	/otogomes/lists/qanoners	0	3	2020-10-15 14:31:19
1278802267236454400	/WrappingItAllUp/lists/osarq	0	122	2020-10-15 14:31:19
1275134971469074433	/j_caporrino/lists/patriots	1	22	2020-10-15 14:31:19
1273655773625712640	/Mcbain_RIG/lists/qanons-verified	62	806	2020-10-15 14:31:19
1273615168195440640	/mammamillz/lists/2	0	115	2020-10-15 14:31:19
1270722575576952834	/izzymoonchild/lists/news-sources	0	76	2020-10-15 14:31:19
1270448667313537027	/YorkTonga/lists/president	1	98	2020-10-15 14:31:19
1270401442021548033	/YorkTonga/lists/news	0	118	2020-10-15 14:31:19
1270277727455772672	/YorkTonga/lists/wsj	0	151	2020-10-15 14:31:19

Table 17: Twitter lists used to code far-right accounts (n=210) *(continued)*

list_id	uri	subscriber_count	member_count	timestamp
1270084111823261704	/YorkTonga/lists/top	0	143	2020-10-15 14:31:19
1269237077482385411	/alfo13676851/lists/t-o-p-100-twitter-feeds	5	122	2020-10-15 14:31:19
1268859164698259458	/tweetsariyah/lists/q	0	64	2020-10-15 14:31:19
1267475598030635010	/VALDI_DIVES/lists/proteste	0	120	2020-10-15 14:31:19
1266610003839823872	/KarenVendy/lists/truthers-i-love	2	104	2020-10-15 14:31:19
1265907607480369159	/AitanLevy/lists/california	0	114	2020-10-15 14:31:19
1265363202105196544	/DawnRenee64/lists/important-follows	2	91	2020-10-15 14:31:19
1264625693889003520	/sheep_no_more76/lists/real-news	1	38	2020-10-15 14:31:19
1262706117219504128	/AmyLDodd/lists/wwg1wga	1	36	2020-10-15 14:31:19
1262620873086791680	/MsTamus76/lists/news	0	4	2020-10-15 14:31:19
1259991414106177545	/stormwatcher71/lists/great-q-patriot-warriors	0	8	2020-10-15 14:31:19
1259416570767347713	/scottbywater/lists/cons-aussie	4	23	2020-10-15 14:31:19
1258976817018368001	/timtaztek/lists/awakening	0	8	2020-10-15 14:31:19
1258152549884088322	/GATrumpster/lists/d	0	33	2020-10-15 14:31:19
1256774954818781185	/SusanBoylesCat/lists/stc1	1	133	2020-10-15 14:31:19
1256150281047478273	/jordanmilne82/lists/my-list	2	100	2020-10-15 14:31:19
1256102399648792576	/punkwig3/lists/my-list	0	20	2020-10-15 14:31:19
1255616438540304384	/KKL21326897/lists/truth	0	1	2020-10-15 14:31:19
1254588189685186560	/paulogrohmann/lists/wwg1wga	0	92	2020-10-15 14:31:19
1253910932050362369	/CapeCodAngel3/lists/good-observations	0	67	2020-10-15 14:31:19
1253767118870458373	/TriumphT150/lists/motmed	0	12	2020-10-15 14:31:19
1253341085222436865	/xjrt931/lists/daily	0	35	2020-10-15 14:31:19
1253183566415949828	/LeBus380/lists/great-reset	2	54	2020-10-15 14:31:19
1252601793273409543	/KarenVendy/lists/truthers-daily	2	264	2020-10-15 14:31:19
1252581653089792001	/ArrowKrystal/lists/good-content	0	38	2020-10-15 14:31:19
1251170011596705792	/rexstuff1/lists/top-researchers	0	25	2020-10-15 14:31:19
1251031491850784776	/TrumpCemetery/lists/rancid-piles-of-shit	0	285	2020-10-15 14:31:19
1250869065721303040	/tedrix1/lists/qanon-patriot-171	3	184	2020-10-15 14:31:19
1250780883671560192	/jwp0223/lists/q1	2	64	2020-10-15 14:31:19
1249793193857572864	/Prashizzle/lists/pates	0	38	2020-10-15 14:31:19
1249214824178802689	/MAGAnet_Man/lists/q-researchers	0	7	2020-10-15 14:31:19
1248400408482992130	/Cowlord_/lists/great-awakening	0	70	2020-10-15 14:31:19
1248342429624918021	/HawkKonnor/lists/q-army	0	94	2020-10-15 14:31:19
1247962226217988096	/ImThinQing/lists/og-q-army-soldiers	0	6	2020-10-15 14:31:19
1247686066330456064	/therealdonramil/lists/q-peeps	0	16	2020-10-15 14:31:19
1246774430392406019	/EA_souken/lists/ok3	1	67	2020-10-15 14:31:19
1246538093907320833	/Cooter02/lists/stupid-demoncrats	0	61	2020-10-15 14:31:19
1246530158238085122	/Cooter02/lists/q	1	21	2020-10-15 14:31:19
1246308340436799490	/GaydosMark/lists/best-twitter-for-brittany	1	106	2020-10-15 14:31:19
1246053307090698241	/Tgretski/lists/q1	1	129	2020-10-15 14:31:19
1246001702190407680	/The_BareTruth/lists/qanon-content	0	47	2020-10-15 14:31:19
1245653067883675650	/AndrearussoNew/lists/fonti-q	0	19	2020-10-15 14:31:19
1245500212543660032	/mvtrucking/lists/don-list	0	83	2020-10-15 14:31:19
1245327248007331840	/DJOConnell4/lists/patriots-to-follow	1	33	2020-10-15 14:31:20
1245123502459375616	/DaveMacFightMC/lists/q	1	60	2020-10-15 14:31:20
1245109216269832193	/MarLionDubs/lists/crypto	0	17	2020-10-15 14:31:20
1244415757523566598	/NotoriousPPK/lists/wwg1wga	0	30	2020-10-15 14:31:20
1244301849714360322	/mikeski1974/lists/good-follow-22	1	206	2020-10-15 14:31:20
1243571458078457856	/JudyPtarmigan/lists/new-list	0	117	2020-10-15 14:31:20
1243275095734472705	/FillUpOnTacos/lists/qanon-wwg1wga	361	1406	2020-10-15 14:31:20
1242999018294251520	/infoinvestor9/lists/q	0	47	2020-10-15 14:31:20
1242807966937436160	/C7Bog2/lists/q	0	58	2020-10-15 14:31:20
1242778596315402240	/MsCronkat/lists/favs	0	28	2020-10-15 14:31:20
1242714029816041472	/scottbywater/lists/conspiracy	1	64	2020-10-15 14:31:20
1242105983570067457	/tonymisenar/lists/q	0	16	2020-10-15 14:31:20

Table 17: Twitter lists used to code far-right accounts (n=210) *(continued)*

list_id	uri	subscriber_count	member_count	timestamp
1241943773602594816	/KIMacLeod/lists/q-news	0	99	2020-10-15 14:31:20
1241822436594720768	/ReidStagemeyer/lists/disclosure	0	12	2020-10-15 14:31:20
1241765310551728133	/mikeski1974/lists/great-patriots	7	158	2020-10-15 14:31:20
1241681455455129601	/Mbhensarling/lists/qanon	0	33	2020-10-15 14:31:20
1241486586132471809	/jonrossmusician/lists/q	1	58	2020-10-15 14:31:20
1240516629966065664	/Charles5037/lists/q1	0	69	2020-10-15 14:31:20
1240495773151830021	/lovevshate16/lists/great-q-awakening	28	266	2020-10-15 14:31:20
1240136731858477057	/biggerbuck01/lists/trump-crazy	0	4	2020-10-15 14:31:20
1240127171496161281	/Karen66766324/lists/my-own	0	3	2020-10-15 14:31:20
1239894343156027397	/Tezza_180156/lists/interesting	0	1	2020-10-15 14:31:20
1239712822315057153	/Jan_oprecht_s/lists/interresse	0	4	2020-10-15 14:31:20
1239614273094946816	/Shanahad/lists/war-nuse	0	2	2020-10-15 14:31:20
1239581475504295936	/01010001Patriot/lists/disclosure	0	18	2020-10-15 14:31:20
1239383508528893958	/majorme66/lists/dr-mcgregor	0	1	2020-10-15 14:31:20
1239331469631332352	/pj_port/lists/alt-people	2	224	2020-10-15 14:31:20
1238891110229053441	/Nolejax65/lists/favorite-list-2	6	103	2020-10-15 14:31:20
1238560079319875584	/JAnclam/lists/macadamia	0	19	2020-10-15 14:31:20
1236372571433639936	/Missi0n17/lists/wwg1wga	0	3	2020-10-15 14:31:20
1234632010930348033	/Yashua4me/lists/special-peeps	3	187	2020-10-15 14:31:20
1234016434755457024	/BLUEPRINT_Q/lists/oconus-patriots	5	39	2020-10-15 14:31:20
1229624313659174913	/JSDarce/lists/news-for-jsdarce-custom	0	51	2020-10-15 14:31:20
1226033055682289664	/leftnotracks/lists/meatheads	4	757	2020-10-15 14:31:20
1225222642329718785	/j_foreigner/lists/see-you-next-tuesday	2	204	2020-10-15 14:31:20
1223603997686128640	/nicolinaroyale/lists/coronavirus	0	190	2020-10-15 14:31:20
1218920455400194048	/markamsnl/lists/politics-patriots	0	255	2020-10-15 14:31:20
1215403556859252736	/polishpatriotQ/lists/q	1	37	2020-10-15 14:31:20
1214599069856722944	/roundogAR/lists/list	1	71	2020-10-15 14:31:20
1209493118636019712	/SteveCraig6/lists/my-newspapers	0	23	2020-10-15 14:31:20
1209215566763839489	/ReconLLC/lists/q	6	67	2020-10-15 14:31:20
1208367731034218496	/LauraR77/lists/favorite-tweeters1	0	100	2020-10-15 14:31:20
1207386688567291904	/EvelynNicholas6/lists/special-tweeters	1	57	2020-10-15 14:31:20
1203816864658280449	/PandAIT_/lists/q-top	3	34	2020-10-15 14:31:20
1199216856843767808	/tarzlll/lists/fav-twitter	0	155	2020-10-15 14:31:20
1198020847887241217	/HumanityUnchai1/lists/real-news	3	293	2020-10-15 14:31:20
1197846556239527937	/KarenVendy/lists/truthers-misc	10	594	2020-10-15 14:31:20
1197692773819977728	/evensoRev2220/lists/list2	3	85	2020-10-15 14:31:20
1190162326432833538	/MickeyWinston4/lists/deeper	0	19	2020-10-15 14:31:20
1189141722271506432	/roisin1936/lists/conspiracy-news	1	153	2020-10-15 14:31:20
1188985130041462784	/PsychedUOut/lists/the-shizz	1	217	2020-10-15 14:31:20
1184132032294801408	/familyman20181/lists/patriots-list	3	59	2020-10-15 14:31:20
1182777818695921665	/CrazyCarlito/lists/patriots	1	45	2020-10-15 14:31:20
1182365600322064387	/IiyJim/lists/maga-news	7	450	2020-10-15 14:31:20
1180137121358721024	/Billy_55_/lists/pol3	0	14	2020-10-15 14:31:20
1175810945597071360	/PaulJakaitis/lists/favs	0	43	2020-10-15 14:31:20
1171812558904279041	/faith024/lists/q	4	71	2020-10-15 14:31:20
1171137163955724289	/hurleyburley11/lists/favs	0	65	2020-10-15 14:31:20
1169112511326695424	/SethRic61410528/lists/q-insiders-or-forwarders	6	61	2020-10-15 14:31:20
1167874041522212866	/ReconLLC/lists/patriots	3	115	2020-10-15 14:31:20
1164368091494715393	/40yearsyoung1/lists/metaphysical	3	93	2020-10-15 14:31:20
1163181749351997441	/captaincryptic/lists/favs	0	11	2020-10-15 14:31:20
1160303875443908609	/kantsaye/lists/one	0	2	2020-10-15 14:31:20
1157124062113685504	/A_Blessed_Life/lists/decoders	0	21	2020-10-15 14:31:20
1154396261891629063	/Jan_oprecht_s/lists/interessant-wellicht	0	3	2020-10-15 14:31:20
1150352099919695874	/Uitjeplaat010/lists/wwg1wga	1	48	2020-10-15 14:31:21
1147990477783875589	/starknightz/lists/great-thread-ers	1	29	2020-10-15 14:31:21

Table 17: Twitter lists used to code far-right accounts (n=210) *(continued)*

list_id	uri	subscriber_count	member_count	timestamp
1145521269020004354	/RareButSerious/lists/domestic-terrorists	1	17	2020-10-15 14:31:21
1135238607860654080	/ragstorm/lists/type-one	0	43	2020-10-15 14:31:21
1132865362779877377	/fall_fire/lists/the-truth	0	32	2020-10-15 14:31:21
1118525238902448129	/cdog1962/lists/q-etc	0	12	2020-10-15 14:31:21
1095379956144713728	/theROTATER/lists/que-stuff	9	262	2020-10-15 14:31:21
1092617969346187264	/DanielPPeterson/lists/a-conspiracy	0	38	2020-10-15 14:31:21
1082752644278566912	/DJPatel29548445/lists/interesting1	2	177	2020-10-15 14:31:21
1076520808330260482	/F3Cornhole1/lists/q	4	77	2020-10-15 14:31:21
1070756102340366336	/Sparhawk60/lists/top-patriots	5	116	2020-10-15 14:31:21
1070675911119384576	/evensoRev2220/lists/list1	1	131	2020-10-15 14:31:21
1069334692539842560	/FriscoHammer/lists/morning-routine	0	82	2020-10-15 14:31:21
1066897901195005956	/71Warhawk/lists/natl-sec-related	0	71	2020-10-15 14:31:21
1066897127597584386	/71Warhawk/lists/q	0	2	2020-10-15 14:31:21
1060912366672433152	/GrizzledLotus/lists/qanon	1	45	2020-10-15 14:31:21
1044393071260004352	/kumararepublic/lists/nwo-qanon-soros-truthers	13	878	2020-10-15 14:31:21
1026223219404144640	/robcain1/lists/q	15	106	2020-10-15 14:31:21
1021054780016381952	/land_calm/lists/bots	4	458	2020-10-15 14:31:21
1008000048326696961	/UncuckedAF/lists/q	1	116	2020-10-15 14:31:21
1007065153467232261	/KZamderson/lists/arxidia	2	930	2020-10-15 14:31:21
988194263816114176	/davidgeu/lists/qanon	0	22	2020-10-15 14:31:21
985181058122616833	/dullly/lists/q-elite	9	231	2020-10-15 14:31:21
958780975978287104	/silvanbecker/lists/politics-patriots	6	578	2020-10-15 14:31:21
942334879324192768	/peterluisvenero/lists/q-intel	1	120	2020-10-15 14:31:21
885695382684041216	/Dukey_Dog/lists/covid-coup	3	102	2020-10-15 14:31:21
853559531233824769	/SolidGraniteNH/lists/snowflakes	23	4911	2020-10-15 14:31:21
846194224278241280	/ScottWasham/lists/news	6	1017	2020-10-15 14:31:21
832407014747865089	/BrentBivona/lists/patriots	1	55	2020-10-15 14:31:21
219309381	/AndrearussoNew/lists/opinionmaker	0	4	2020-10-15 14:31:21
199330526	/Leslie_H20/lists/international-tweeps	1	310	2020-10-15 14:31:21
198059520	/flashgirl/lists/you-talk-i-listen	1	108	2020-10-15 14:31:21
172490800	/AliasCovfefe/lists/emergencies-responses1	6	405	2020-10-15 14:31:21
166245167	/ingeallbeauty/lists/inge-world-news	99	4981	2020-10-15 14:31:21
166047718	/ingeallbeauty/lists/inge-fitness-and-health	22	1260	2020-10-15 14:31:21
135067403	/Ntornee/lists/interessant	3	68	2020-10-15 14:31:21
109319595	/sopsaka/lists/health	2	309	2020-10-15 14:31:21
102336283	/HerbEnthusiast/lists/news-and-headlines	1	252	2020-10-15 14:31:21
93509131	/sopsaka/lists/auspol	7	237	2020-10-15 14:31:21
93484636	/johnrvw/lists/people-list2	1	354	2020-10-15 14:31:21
88973373	/flashgirl/lists/truthers	2	117	2020-10-15 14:31:21
84480385	/StevOmatik/lists/lightworkers	9	296	2020-10-15 14:31:21
71395242	/jmriley1/lists/q	1	75	2020-10-15 14:31:21
69729158	/DeReezie/lists/news	0	391	2020-10-15 14:31:21
65660597	/KarenVendy/lists/truthers-i-know	4	418	2020-10-15 14:31:21
64682422	/paulster50/lists/media-commentators	3	332	2020-10-15 14:31:21
63674374	/paulster50/lists/aussies	11	514	2020-10-15 14:31:21

Table 18: Twitter lists used to code journalist accounts (n=5)

list_id	description
726941298704306176	/MomentsAU/lists/canberra-press-gallery
76337375	/latikambourke/lists/press-gallery
52993766	/latikambourke/lists/australian-journalists
4059169	/aujournos/lists/australianjournalists
3804739	/upstartmagazine/lists/australian-journalists

Table 19: Twitter lists used to code politician accounts (n=10)

list_id	description
217264	/GhostWhoVotes/lists/australian-politics
1113288408506310657	/MomentsAU/lists/australian-politicians
425044	/GhostWhoVotes/lists/aus-labor-party
344608	/latikambourke/lists/politicians
10374122	/mumbletwits/lists/federal-mps
425275	/GhostWhoVotes/lists/aus-green-party
424988	/GhostWhoVotes/lists/aus-liberal-party
435027	/GhostWhoVotes/lists/aus-national-party
1320878066399244288	/FrBailo/lists/2nd-morrison-ministry-2nd
1320876909962563584	/FrBailo/lists/2nd-morrison-ministry-1st

Table 20: Twitter accounts coded by category.

far-right accounts	journalist accounts	politician accounts
208	977	211

Inverse document frequency (idf) of profile descriptions

Profile descriptions of far-right accounts were processed with the following function, which after pre-processing texts computes idf for each word-document, computes the collection average of idf scores for each word and, finally, rescale the average idf score on the range 1:0 to produce the `weights` showed in the following tables.

```
farright_user_descriptions_word <-
  farright_user_descriptions %>%
  dplyr::mutate(user_description =
                  removeWords(tolower(user_description),
                              words = c(stopwords(kind = "en"),
                                        "http", "https", "t.co", "co",
                                        "don't", "bit.ly"))) %>%
  tidytext::unnest_tokens(word, user_description, token = "words") %>%
  dplyr::filter(!grepl("^[0-9]+$", word)) %>%
  dplyr::count(id, word) %>%
  dplyr::ungroup() %>%
  tidytext::bind_tf_idf(word, id, n) %>%
  dplyr::group_by(word) %>%
  dplyr::summarise(idf = mean(idf)) %>%
  dplyr::ungroup() %>%
  dplyr::mutate(score = scales::rescale(idf, to = c(1, 0))) %>%
  dplyr::filter(!is.na(word))
```

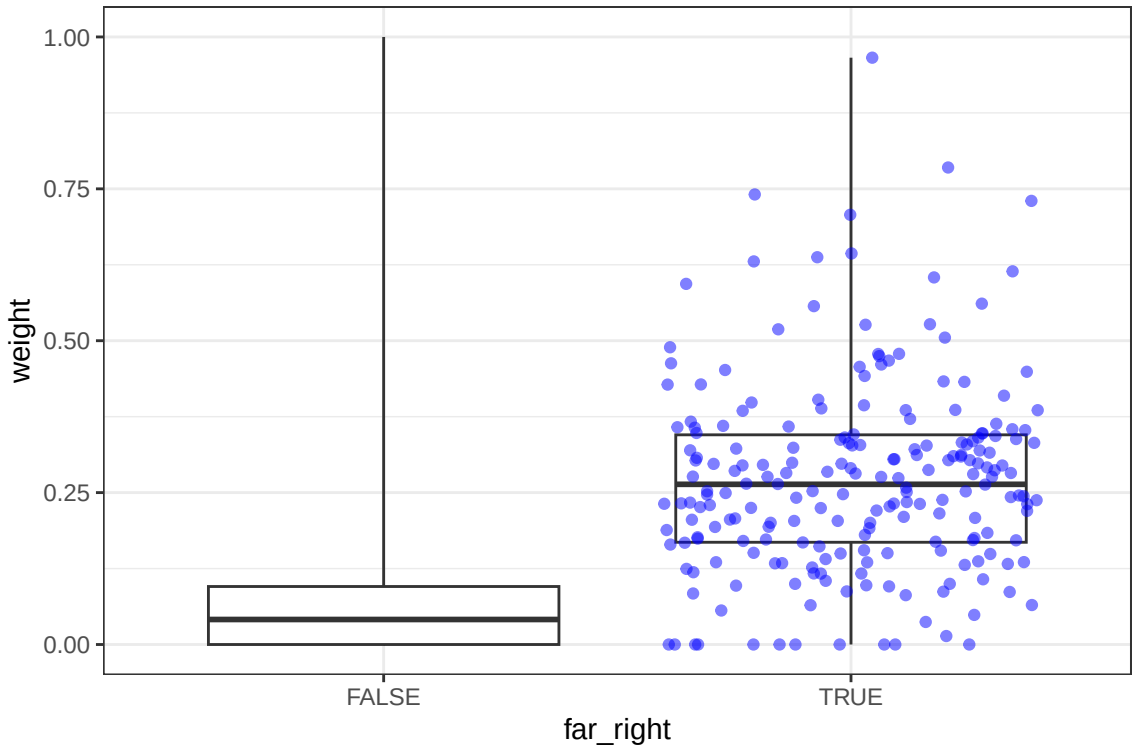


Figure 3: Distribution of account's scores calculated from the Inverse document frequency of terms in the profile descriptions.

Table 21: Most common terms found among the 208 profile descriptions of far-right accounts and relative score.

word	idf	score
wwg1wga	1.824549	1.0000000
truth	1.883390	0.9834501
conservative	1.945910	0.9658653
aussie	2.012602	0.9471072
australian	2.244403	0.8819092
trump	2.335375	0.8563219
australia	2.435458	0.8281718
love	2.435458	0.8281718
patriot	2.435458	0.8281718
proud	2.435458	0.8281718
maga	2.489526	0.8129645
q	2.740840	0.7422782
freedom	2.894991	0.6989208
parler	2.982002	0.6744474
seeker	2.982002	0.6744474
christian	3.077312	0.6476399
free	3.077312	0.6476399
great	3.077312	0.6476399
aussieq	3.182673	0.6180055
political	3.182673	0.6180055
politics	3.182673	0.6180055
right	3.182673	0.6180055
socialism	3.182673	0.6180055
trump2020	3.182673	0.6180055
wife	3.182673	0.6180055
anti	3.300456	0.5848771
ex	3.300456	0.5848771
lover	3.300456	0.5848771
m	3.300456	0.5848771
married	3.300456	0.5848771
western	3.300456	0.5848771
always	3.433987	0.5473192
islam	3.433987	0.5473192
justice	3.433987	0.5473192
like	3.433987	0.5473192
make	3.433987	0.5473192
now	3.433987	0.5473192
one	3.433987	0.5473192
pc	3.433987	0.5473192
way	3.433987	0.5473192

word	idf	score
god	3.588138	0.5039618
just	3.588138	0.5039618
life	3.588138	0.5039618
light	3.588138	0.5039618
people	3.588138	0.5039618
qanon	3.588138	0.5039618
research	3.588138	0.5039618
retired	3.588138	0.5039618
supporter	3.588138	0.5039618
thegreatawakening	3.588138	0.5039618
world	3.588138	0.5039618
believe	3.770459	0.4526808
change	3.770459	0.4526808
come	3.770459	0.4526808
country	3.770459	0.4526808
crypto	3.770459	0.4526808
culture	3.770459	0.4526808
digital	3.770459	0.4526808
director	3.770459	0.4526808
father	3.770459	0.4526808
followed	3.770459	0.4526808
good	3.770459	0.4526808
husband	3.770459	0.4526808
left	3.770459	0.4526808
libertarian	3.770459	0.4526808
loving	3.770459	0.4526808
nation	3.770459	0.4526808
old	3.770459	0.4526808
patriots	3.770459	0.4526808
savethechildren	3.770459	0.4526808
soldier	3.770459	0.4526808

Table 22: Most common terms found among the 200 profile descriptions of #Climateaction accounts and relative score.

word	idf	score
climateaction	0.2407099	1.0000000
climateactionnow	2.0074680	0.6510173
climate	2.1252511	0.6277519
blm	2.4700916	0.5596366
resist	2.4700916	0.5596366
blacklivesmatter	2.5952547	0.5349135
climatechange	2.6642476	0.5212855
sustainability	2.8183983	0.4908365
change	2.9054096	0.4736494
activist	3.1060803	0.4340115
founder	3.1060803	0.4340115
politics	3.1060803	0.4340115
views	3.1060803	0.4340115
love	3.2238634	0.4107462
science	3.2238634	0.4107462
sdgs	3.2238634	0.4107462
vote	3.2238634	0.4107462
people	3.3573948	0.3843701
support	3.3573948	0.3843701
will	3.3573948	0.3843701
working	3.3573948	0.3843701
account	3.5115454	0.3539212
bidenharris2020	3.5115454	0.3539212
educator	3.5115454	0.3539212
environment	3.5115454	0.3539212
fbr	3.5115454	0.3539212
feminist	3.5115454	0.3539212
future	3.5115454	0.3539212
health	3.5115454	0.3539212
human	3.5115454	0.3539212
lgbtq	3.5115454	0.3539212
mom	3.5115454	0.3539212
scientist	3.5115454	0.3539212
student	3.5115454	0.3539212
us	3.5115454	0.3539212
voteblue	3.5115454	0.3539212
world	3.5115454	0.3539212
artist	3.6938670	0.3179077
author	3.6938670	0.3179077
earth	3.6938670	0.3179077
energy	3.693867	0.3179077
environmental	3.693867	0.3179077
global	3.693867	0.3179077
green	3.693867	0.3179077
humanrights	3.693867	0.3179077
husband	3.693867	0.3179077
mother	3.693867	0.3179077
passionate	3.693867	0.3179077
progressive	3.693867	0.3179077
resistance	3.693867	0.3179077
solutions	3.693867	0.3179077
teacher	3.693867	0.3179077
trump	3.693867	0.3179077
wildlife	3.693867	0.3179077
writer	3.693867	0.3179077
advocate	3.917010	0.2738308
animalrights	3.917010	0.2738308
art	3.917010	0.2738308
atheist	3.917010	0.2738308
australian	3.917010	0.2738308
better	3.917010	0.2738308
blue	3.917010	0.2738308
can	3.917010	0.2738308
ceo	3.917010	0.2738308
climatecrisis	3.917010	0.2738308
climateemergency	3.917010	0.2738308
community	3.917010	0.2738308
country	3.917010	0.2738308
democrat	3.917010	0.2738308
dms	3.917010	0.2738308
dogs	3.917010	0.2738308

The Australian far-right on Twitter

Table 23: Statistics of the far-right retweet network.

	%
Period 1: more than one tie	66.0494
Period 2: more than one tie	57.5610
Period 1: more than one mutual tie	12.9630
Period 2: more than one mutual tie	12.6829
Period 1: edge density	1.7215
Period 2: edge density	1.1669

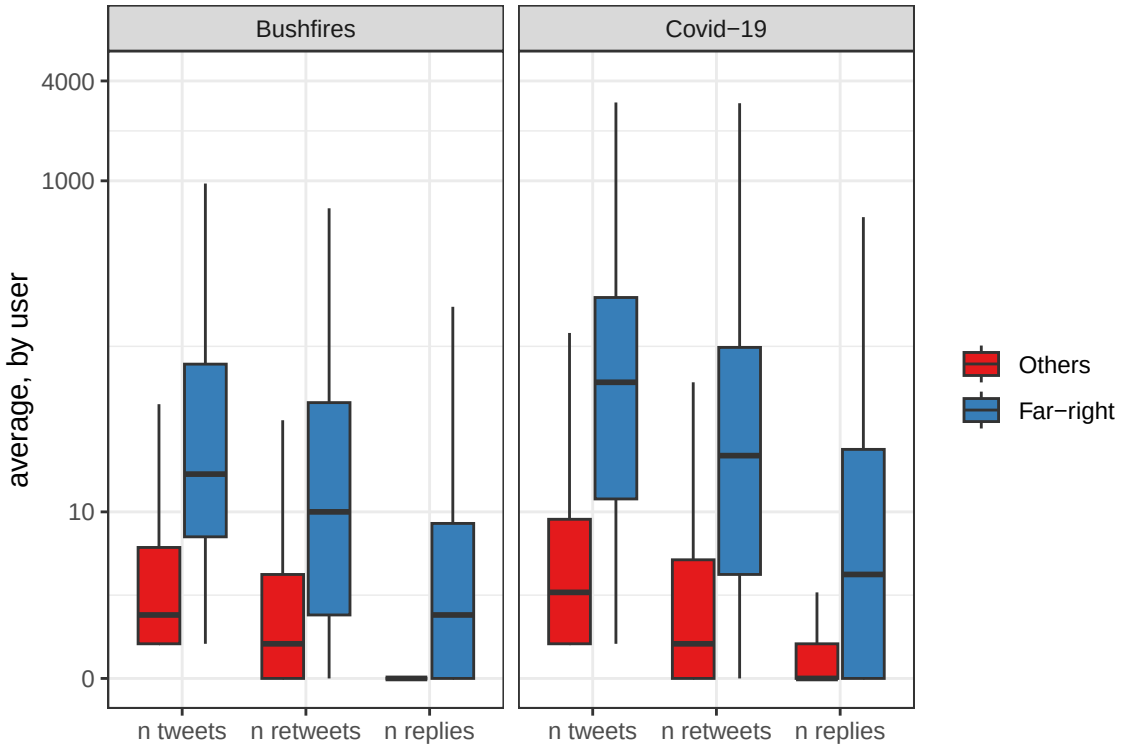


Figure 4: Distribution of number of tweets, retweets and replies by user.

Far-right accounts also consistently retweeted each other. Their retweet network is structurally dense and justifies characterising these accounts as a social media community. Among the far-right accounts included in the retweet network mapped during the bushfires and the COVID-19 conversation, 66% (Period 1) and 57% (Period 2) retweeted another far-right account or were retweeted by another far-right account at least once, while 13% (in both periods) reciprocated a retweet from another far-right account at least once (highlighted in Figure 10).

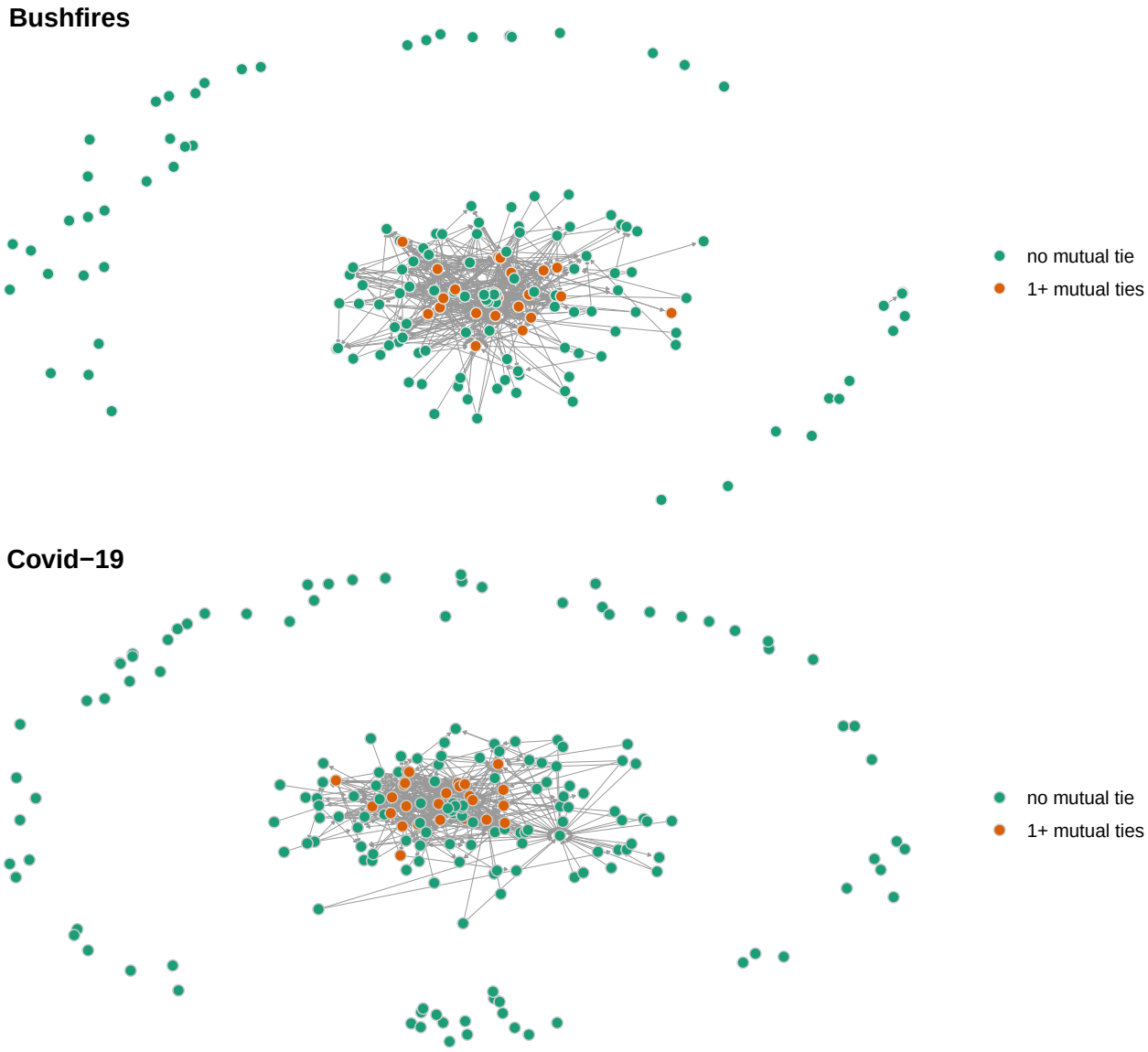


Figure 5: Network of retweets among far-right accounts and accounts engaging in mutual retweeting

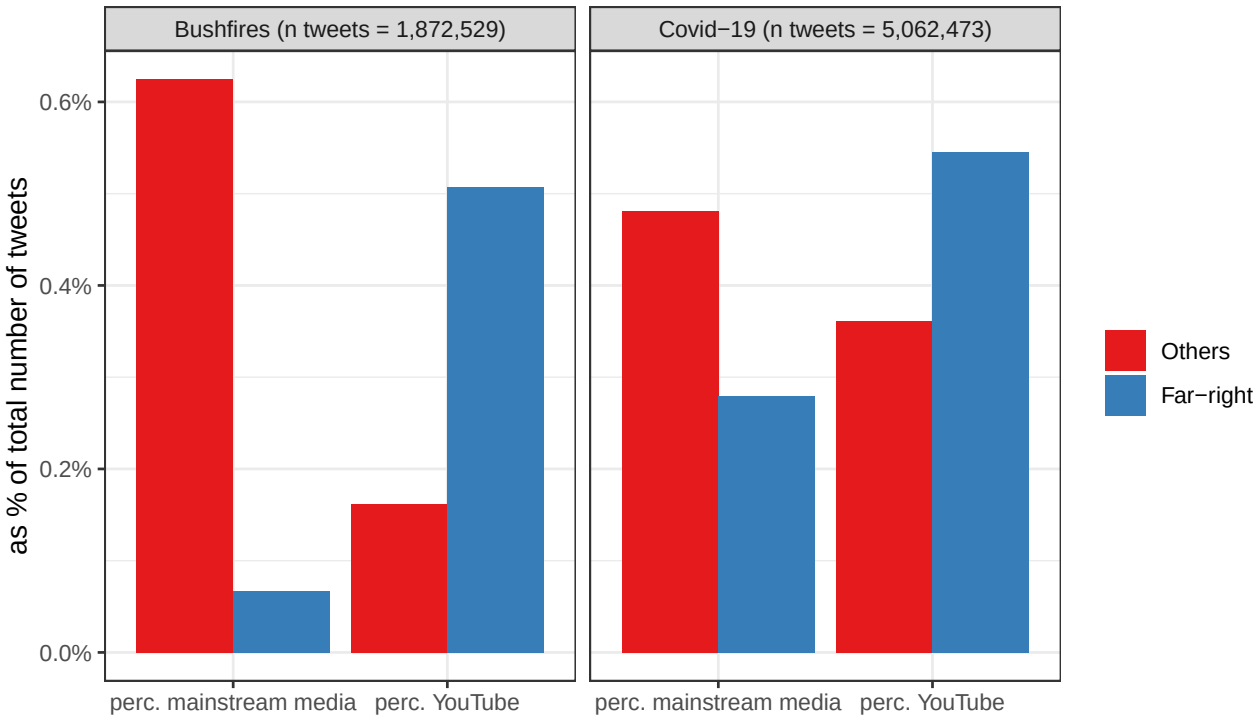


Figure 6: Tweets containing URLs to mainstream media websites and YouTube videos.

Opinion frequency

We detected the presence of a set of opinions in tweets and user descriptions using a mixed approach that combines qualitative observations and advanced machine learning [redacted]. We first identified a set of opinions (see supplemental material) through a qualitative analysis approach. Second, we trained deep neural network-based classifiers to automatically predict the presence of these opinions in the twitter dataset. Finally, we iteratively refined the classifiers using a human-in-the-loop approach – the machine automatically selected texts it was most and least sure of and labelled them, after which these texts were manually validated and used in a new iteration of automatic training of the classifier. Notably, the classifier did not determine the polarity of a posting (so whether the author agrees or not with the opinion), only whether the opinion was discussed.

Through automatic text classification, we were able to assess how often opinions were discussed or mentioned in tweets from the far-right community and compare it with the frequency of these opinions in tweets published by other accounts. Overall, we notice more diversity in the content published during Covid-19. Through a combination of qualitative coding and quantitative topic modelling, we identified 43 opinions in tweets from Period 1 and 53 from Period 2. The classifier was able to associate 13% of tweets with at least an opinion in Period 1 and only 5% in Period 2.

Table 24: Predicted opinions and their frequency

opinion_label	n
Mainstream media cannot be trusted	34077
Climate change crisis isn't real	22812
Covid-19 is a scam/plan of the elites	20667
China is responsible for Covid-19	15213
2019-2020 Australian bushfires and climate change not related	13750
2019-2020 Australian bushfires were caused by random arsonists	11966
Greens influence and policy are the cause of the 2019-2020 Australian bushfires	9692
I am opposed to the policies of Greens political parties	5041
5G/smart tech is unsafe/a scam/a way of controlling people	4577
Covid-19 is not a real/serious illness	4365
Covid-19 is a government tool to increase the powers of the state and surveillance/control of citizens	3466
The World Health Organization is corrupt	3003
China's government/institutions have too much influence in/on Australia	2939
United Nations is corrupt	2611
Climate change isn't man made	2257
Universities are corrupt, cashed up institutions suppressing free speech and promoting left-wing ideology	2256
Women and girls don't deserve a voice in the public sphere	2213
Climate change is a UN hoax	1760
United Nations want to be the global ruling government	1673
Bush fires are a normal summer occurrence for Australia	1594
Changes in the earth's climate are a natural, normal phenomenon	1406
Covid-19 is the Chinese government's bioweapon	1194
WHO enabled China's government in spreading or covering up covid-19	1183
Economic impacts are the worst outcome and should be avoided at all costs	1025

Table 24: Predicted opinions and their frequency *(continued)*

opinion_label	n
Vaccination sacrifices bodily autonomy	986
Covid-19 is part of Bill Gates' plan for #DigitalIDs (#ID2020)	935
Australia should not be a member of the United Nations	777
The democrats caused this, but Trump is fixing it	747
Children should not speak as authorities on themselves or their world, because they are children	657
Experts manipulate data for private or corporate agendas	436
Vaccine manufacturers cannot be trusted	297
Greta Thunberg should not have a platform or influence as a climate change activist	288
Vaccines are a government/"elites" tool to track and control people's behaviour	251
2019-2020 Australian bushfires deliberately lit to promote a climate change agenda	235
Climate change is a scam to generate profit for the wealthy and powerful	206
Christianity and Christians are being targeted or persecuted by government policy	140
Vaccines contain dangerous ingredients or are manufactured unsafely	128
Covid-19 is a plague sent by (the Christian) God	84
Countries that contribute more carbon emissions should make environmental/policy changes, not Australia	73
Elites control the climate and weather with secret technologies (geo-engineering, etc)	56
I have the right to my freedom of speech	43
2019-2020 Australian bushfires linked to secret elites' technology (chemtrails, HAARP, HSRN, geoengineering)	34
Covid-19 and its vaccine are tools to depopulate the earth	26
Abortion is wrong	22
Indigenous knowledge and practices could have prevented the 2019-2020 Australian bushfires	17
Daniel Andrews is in league with China/the CCP	15
Vaccines are ineffective or unreliable	12
Covid-19 was developed for profit	11
Vaccines are not safe for children	10
Australia should not send foreign aid to other countries	8
Climate change is real but the impact is being overstated	7
Left-wing policies/politics/perspectives reduce quality of life (and therefore aren't worthwhile)	7
Wellness and alternative health is superior to medicine and science	3

Table 25: Opinions automatically identified in the data

	%/n
Period 1: % tweets with one or more opinions	0.1275
Period 1: n opinions in tweets	43.0000
Period 2: % tweets with one or more opinions	0.0479
Period 2: n opinions in tweets	53.0000

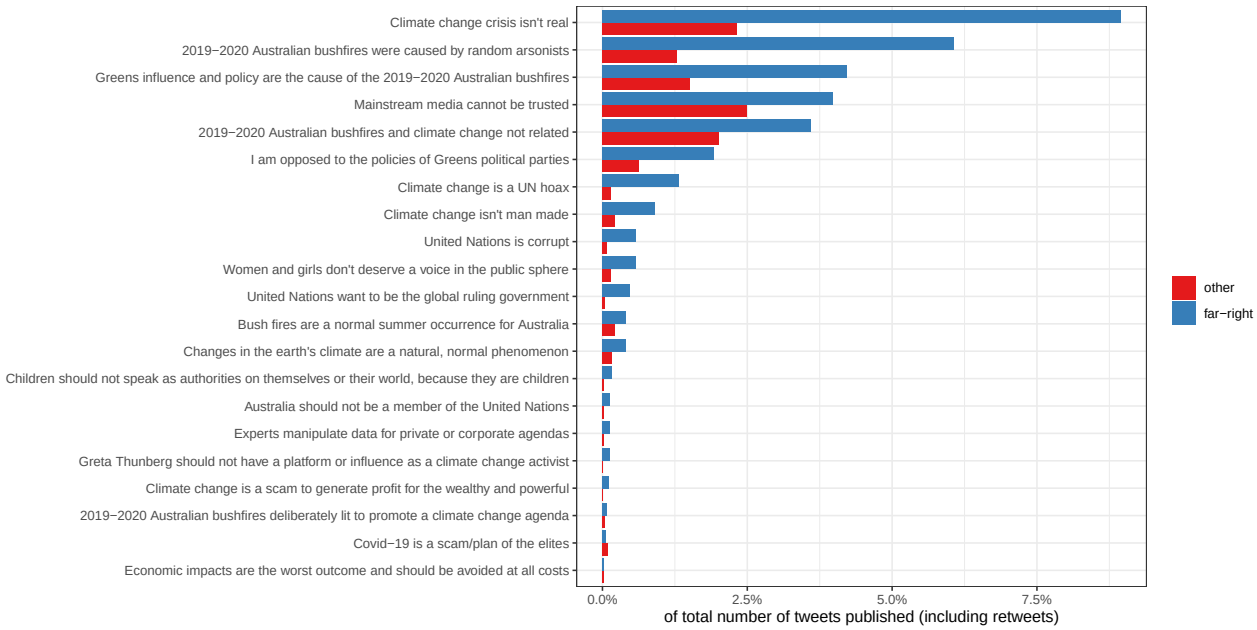


Figure 7: Period 1: Automatically identified opinions

Table 26: Tweets associated to at least one opinion

period	n	%
bushfires	46504	3.78
Covid-19	59462	1.93

Table 27: Tweets associated to at least one opinion (excluding RTs)

period	n	%
bushfires	59568	12.75
Covid-19	81292	4.79

Figure 8 illustrates the proportion of tweets including one of the 20 most frequent opinions expressed during the Covid-19 conversation. Over 2% of the tweets mentioned the opinion that mainstream media are not to be trusted. Among the most frequent opinions we identified a few that could potentially relate to the diffusion of misleading and dangerous information disputing or minimising the seriousness of the Covid-19 disease in violation of Twitter policies such as the third most frequent opinion (found in 1.6% of far-right tweets) about Covid-19 being a plan set up by the elites or the eighth most frequent about Covid-19 being not a real or serious illness. It is also interesting to note how the most popular far-right opinions on Twitter are about the delegitimisation of epistemic institutions (elites, universities) and those communicating epistemic outcomes (the mainstream media) or about framing information (Covid-19, 5G) through alternative epistemic outcomes mostly in the form of conspiracy theories.

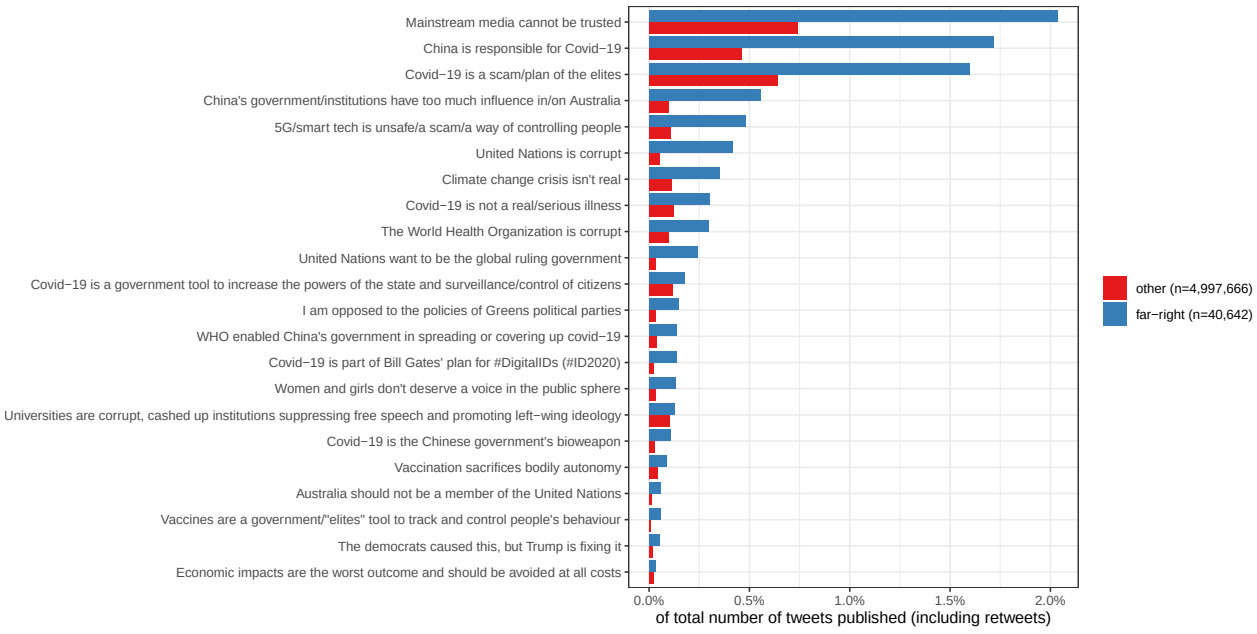


Figure 8: Period 2: Automatically identified opinions

Table 30: Period 1: User-Domain network

nodes	edges	type
72549	146309	user-domain
4415	112220	user-user (projected)

Table 31: Period 2: User-Domain network

nodes	edges	type
178509	377472	user-domain
23337	1097716	user-user (projected)

Users-URLs and Users-Domains networks

Table 28: Period 1: User-URLs network

nodes	edges	type
367907	504395	user-url
68134	14634251	user-user (projected)

Table 29: Period 2: User-URLs network

nodes	edges	type
1259123	1458420	user-url
155173	7190506	user-user (projected)

Table 32: Period 1: Top 50 URLs shared by far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource.

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
http://climatism.blog/2019/02/07/black-thursday-168-years-ago-bushfires-burn-5-million-hectares-or-a-quarter-of-victoria/amp/	35	0.32	80	78.43
https://www.9news.com.au/national/queensland-bushfires-arson-blamed-for-destructive-fires-crime/5dcb394e-684e-43ae-ad18-e0a13847890e	79	0.72	26	25.49
https://twitter.com/SylviaD32911201/status/12126072	0	0.00	26	25.49
https://www.smh.com.au/national/arson-mischief-and-recklessness-87-per-cent-of-fires-are-man-made-20191117-p53bcl.html	239	2.17	22	21.57
https://www.dailytelegraph.com.au/news/nsw/nsw-police-reveal-measures-to-crackdown-on-bushfire-arsonists/news-story/2993007a606a11fbd037bf1bcafe7f64	151	1.37	16	15.69

Table 32: Period 1: Top 50 URLs shared by far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource. *(continued)*

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://www.theaustralian.com.au/nation/nsw-firefronts-uncontrollable-as-state-braces-for-heatwave/news-story/4f006855e6b1598ba3a6d53c66391516	193	1.75	13	12.75
https://twitter.com/thenation/status/121018147694960	136	1.23	13	12.75
https://twitter.com/JWSpry/status/1094767401462226944	1	0.01	13	12.75
https://www.theaustralian.com.au/nation/enviromenta group-celebrates-as-eden-woodchip-mill-burns-down-in-bushfires/news-story/8e24432cf1478e98fa6c3ac2bab2a857	66	0.60	10	9.80
https://www.theage.com.au/national/victoria/bushfire-scientist-david-packham-warns-of-huge-blaze-threat-urges-increase-in-fuel-reduction-burns-20150312-14259h.html	119	1.08	9	8.82
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/amp/	157	1.42	9	8.82
https://twitter.com/wattsupwiththat/status/1213701736503926784	65	0.59	9	8.82
https://www.theaustralian.com.au/nation/bushfires-double-standards-call-on-qld-premier-annastacia-palaszczuks-leave/news-story/5e22112d2b8e7c85f42bac67fd7e7624	142	1.29	9	8.82
https://www.news.com.au/national/crime/shocking-number-of-arson-charges-in-bushfireravaged-regions-indicate-sinister-start-of-blazes/news-story/be73567276fcbb39b8e7f58bf79268cb	64	0.58	9	8.82
https://twitter.com/netz_melb/status/12129345501724	94	0.85	8	7.84
https://www.smh.com.au/national/andrew-forrest-says-fuel-loads-not-climate-change-are-primary-cause-of-bushfires-20200123-p53twe.html	79	0.72	8	7.84
https://twitter.com/826Maureen/status/121030304830	0	0.00	8	7.84
https://twitter.com/camanpour/status/1214258251073753091	48	0.44	7	6.86
https://www.9news.com.au/national/nsw-police-catch-24-people-alleged-deliberate-started-bushfires/acdeff0c-88c3-4801-b3b1-5d6c3bd22480	140	1.27	7	6.86
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/	143	1.30	7	6.86
http://climatism.blog/2020/01/11/climates-fatal-flaw-greenhouse-gases-simply-do-not-absorb-enough-heat-to-cause-global-warming/	37	0.34	7	6.86
https://twitter.com/7newssydney/status/1213002373766901760	107	0.97	7	6.86
https://www.independent.co.uk/arts-entertainment/music/news/meat-loaf-greta-thunberg-climate-change-australia-bushfire-sharon-a9270246.html	51	0.46	7	6.86
https://twitter.com/scottmorrisonmp/status/1214373985988698112	75	0.68	7	6.86
https://twitter.com/7newsaustralia/status/121364012	61	0.55	7	6.86
https://news.defence.gov.au/national/defence-continues-bushfire-support	143	1.30	7	6.86
https://twitter.com/va_shiva/status/117650678641482	8	0.07	7	6.86
http://climatism.blog/2020/01/21/enso-and-iod-mother-natures-climate-and-bushfire-drivers/	14	0.13	7	6.86
https://www.theguardian.com/commentisfree/2013/oct abbott-bushfires	106	0.96	7	6.86
https://youtu.be/zwu8NASF6kw	50	0.45	7	6.86

Table 32: Period 1: Top 50 URLs shared by far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource. *(continued)*

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
http://thedailychrenk.com/2020/01/03/australias-arson-crisis/	49	0.44	7	6.86
https://twitter.com/9NewsMelb/status/1212529571645538304	52	0.47	7	6.86
http://climatism.blog/2020/01/05/police-strike-force-indarra-to-investigate-arson-as-cause-of-deadly-south-east-australian-bushfires/	12	0.11	7	6.86
https://twitter.com/ozcrimenews/status/1212965028481007616	3	0.03	7	6.86
https://www.breitbart.com/politics/2020/01/06/police-in-australia-begin-massive-criminal-investigation-into-bushfire-arson/	42	0.38	6	5.88
http://tottnews.com/2019/12/05/australian-bushfires-conspiracy/	47	0.43	6	5.88
https://americaoutloud.com/australian-mp-craig-kelly-is-right-bushfires-not-caused-by-climate-change/	44	0.40	6	5.88
http://climatism.blog/2019/02/07/black-thursday-168-years-ago-bushfires-burn-5-million-hectares-or-a-quarter-of-victoria/	22	0.20	6	5.88
https://volunteerfirefighters.org.au/green-tape-prevents-volunteer-rural-firefighters-reducing-bushfire-risk	52	0.47	6	5.88
https://www.michaelsmithnews.com/2020/01/will-the-abc-match-the-murdochs-news-corps-9m-donation-to-bushfire-relief.html	43	0.39	6	5.88
https://twitter.com/surfbird03/status/12085182775314	19	0.17	6	5.88
https://www.9news.com.au/national/police-investigate-deliberately-lit-fires-around-goulburn/962a7b97-e44b-4185-b9c8-9618730af6c7	12	0.11	6	5.88
https://twitter.com/9newsmelb/status/121252957164	53	0.48	5	4.90
https://www.tr.news/bushfire-arson-arrests/	114	1.03	5	4.90
https://twitter.com/kelliekelly23/status/121301401517	52	0.47	5	4.90
https://www.theaustralian.com.au/nation/politics/bushfires-scott-morrison-deserves-a-pass-over-hawaii-holiday-furore/news-story/fc432738aa9c0794e042f7be01b8c895	50	0.45	5	4.90
https://www.theaustralian.com.au/nation/bushfires-firebugs-fuelling-crisis-asarson-arresttollhits183/news-story/52536dc9ca9bb87b7c76d36ed1acf53f	164	1.49	5	4.90
https://www.sbs.com.au/news/fires-not-due-to-climate-change-expert	45	0.41	5	4.90
https://www.news.com.au/technology/environment/jul bishop-calls-for-australia-to-show-leadership-on-climate-change-in-wake-of-the-bushfire-crisis/news-story/f1c9882d602b63fa5c28ddc498b1cd56	19	0.17	5	4.90
https://www.theaustralian.com.au/nation/politics/bushfires-nsw-premier-gladys-berejiklian-declined-military-aid-offer/news-story/0706f40acc9a0a415ab4e962dcac5b2c	14	0.13	5	4.90
https://twitter.com/lenoretaylor/status/1212169560201	27	0.24	5	4.90
http://climatism.blog/2019/12/05/team-greta-admits-climate-change-has-nothing-to-do-with-the-environment/	12	0.11	5	4.90
https://www.dailymail.co.uk/news/article-7913869/Tony-Abbott-tells-Heritage-Foundation-extreme-weather-wrongly-linked-climate-change.html	8	0.07	5	4.90
https://www.sgtreport.com/2020/01/operation-torch-australia-a-special-report-on-the-geoengineered-firestorms-and-arson-fires/	6	0.05	5	4.90

Table 32: Period 1: Top 50 URLs shared by far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource. *(continued)*

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://www.theaustralian.com.au/commentary/scott-morrison-cops-the-heat-unlike-toocool-justin-trudeau/news-story/decf42fdc987ba2e4a6ca62c840eb86e	16	0.15	5	4.90
https://twitter.com/SylviaD32911201/status/1206518483774607360	0	0.00	5	4.90

Table 33: Period 1: Top 50 URLs shared by non-far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource.

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://twitter.com/sunriseon7/status/12081384881990	439	3.98	0	0.00
https://twitter.com/FRNSW/status/1211943881790509056	286	2.59	0	0.00
https://twitter.com/frnsw/status/121194388179050905(	254	2.30	0	0.00
https://www.smh.com.au/national/arson-mischief-and-recklessness-87-per-cent-of-fires-are-man-made-20191117-p53bcl.html	239	2.17	22	21.57
https://epr1984.wixsite.com/shareabed	200	1.81	0	0.00
https://www.theaustralian.com.au/nation/nsw-firefronts-uncontrollable-as-state-braces-for-heatwave/news-story/4f006855e6b1598ba3a6d53c66391516	193	1.75	13	12.75
https://7news.com.au/	166	1.51	1	0.98
https://www.theaustralian.com.au/nation/bushfires-firebugs-fuelling-crisis-asarson-arresttollhits183/news-story/52536dc9ca9bb87b7c76d36ed1acf53f	164	1.49	5	4.90
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/amp/	157	1.42	9	8.82
https://www.smh.com.au/environment/conservation/incredible-secret-firefighting-mission-saves-famous-dinosaur-trees-20200115-p53rom.html	152	1.38	0	0.00
https://www.dailytelegraph.com.au/news/nsw/nsw-police-reveal-measures-to-crackdown-on-bushfire-arsonists/news-story/2993007a606a11fbd037bf1bcafe7f64	151	1.37	16	15.69
https://twitter.com/pink/status/1213350834672586752	147	1.33	3	2.94
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/	143	1.30	7	6.86
https://news.defence.gov.au/national/defence-continues-bushfire-support	143	1.30	7	6.86
https://www.theaustralian.com.au/nation/bushfires-double-standards-call-on-qld-premier-annastacia-palaszczuks-leave/news-story/5e22112d2b8e7c85f42bac67fd7e7624	142	1.29	9	8.82
https://www.9news.com.au/national/nsw-police-catch-24-people-alleged-deliberate-started-bushfires/acdeff0c-88c3-4801-b3b1-5d6c3bd22480	140	1.27	7	6.86
https://twitter.com/thenation/status/121018147694960	136	1.23	13	12.75
https://www.standard.co.uk/news/world/australian-bushfires-new-south-wales-koalas-sydney-a4322071.html	135	1.22	0	0.00
https://www.abc.net.au/news/science/2019-11-20/bushfire-ignition-source-how-we-know/11701132	127	1.15	2	1.96

Table 33: Period 1: Top 50 URLs shared by non-far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource. *(continued)*

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://twitter.com/sbsnews/status/1212968896069656580	124	1.12	1	0.98
https://www.theage.com.au/national/victoria/bushfire-scientist-david-packham-warns-of-huge-blaze-threat-urges-increase-in-fuel-reduction-burns-20150312-14259h.html	119	1.08	9	8.82
https://www.tr.news/bushfire-arson-arrests/	114	1.03	5	4.90
https://www.2gb.com/podcast/scientist-david-packham-on-whats-really-causing-the-bushfires/	112	1.02	1	0.98
https://twitter.com/7newssydney/status/1213002373766901760	107	0.97	7	6.86
https://www.theguardian.com/commentisfree/2013/oct abbott-bushfires	106	0.96	7	6.86
https://www.9news.com.au/national/australian-bushfires-480-million-animals-dead-in-nsw-explained/adb6bacb-829b-49b1-b191-7a5c999d9d3b	105	0.95	3	2.94
https://www.9news.com.au/national/bushfires-australia-comedian-celeste-barber-raises-nearly-4-million-dollars-for-emergency-crews/e508ea2b-9982-415e-b541-aff69c1bbe1a	105	0.95	0	0.00
https://donate.zoo.org.au/donation	99	0.90	0	0.00
https://www.spectator.com.au/2020/01/we-dont-just-have-a-bushfire-crisis-we-have-an-arson-crisis-too/	96	0.87	3	2.94
https://twitter.com/netz_melb/status/1212934550172491777	94	0.85	8	7.84
https://www.scamwatch.gov.au/report-a-scam	94	0.85	0	0.00
https://www.abc.net.au/news/2020-01-13/uk-journalist-pranked-into-holding-a-drop-bear-during-bushfires/11863942	94	0.85	0	0.00
https://www.beyondblue.org.au/the-facts/bushfires-and-mental-health	93	0.84	0	0.00
https://news.defence.gov.au/national/defence-boosts-bushfire-support	92	0.83	1	0.98
https://7news.com.au/news/bushfires/bushfires-in-australia-how-you-can-help-c-629603	91	0.83	0	0.00
https://www.theaustralian.com.au/nation/james-packer-to-donate-5m-to-australias-bushfire-crisis/news-story/aaae6a0d73b2dd866a89d0c7c2599250	81	0.73	2	1.96
https://www.abc.net.au/news/2019-12-17/what-youd-spend-to-prevent-climate-change-and-what-you-could-get/11784704	80	0.73	1	0.98
https://www.9news.com.au/national/queensland-bushfires-arson-blamed-for-destructive-fires-crime/5dcb394e-684e-43ae-ad18-e0a13847890e	79	0.72	26	25.49
https://www.2gb.com/ultimate-betrayal-rfs-volunteer-charged-with-starting-seven-bushfires/	79	0.72	1	0.98
https://www.smh.com.au/national/andrew-forrest-says-fuel-loads-not-climate-change-are-primary-cause-of-bushfires-20200123-p53twe.html	79	0.72	8	7.84
https://twitter.com/tan123/status/12087207908055326	75	0.68	4	3.92
https://twitter.com/scottmorrisonmp/status/1214373985988698112	75	0.68	7	6.86
https://twitter.com/mattabbottphoto/status/12122299	71	0.64	0	0.00
https://www.facebook.com/story.php	70	0.64	0	0.00
https://www.abc.net.au/news/2020-01-10/kangaroo-island-mayor-rebukes-barack-obama-bushfire-tweet/11858654	68	0.62	4	3.92

Table 33: Period 1: Top 50 URLs shared by non-far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource. *(continued)*

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://www.abc.net.au/news/2019-12-17/what-youd-spend-to-halt-climate-change-and-what-you-could-get/11784704	67	0.61	0	0.00
https://mobile.abc.net.au/news/2020-01-02/us-firefighters-arrive-to-help-with-victorian-bushfire-disaster/11838260	66	0.60	2	1.96
https://www.theaustralian.com.au/nation/enviromental-group-celebrates-as-eden-woodchip-mill-burns-down-in-bushfires/news-story/8e24432cf1478e98fa6c3ac2bab2a857	66	0.60	10	9.80
https://twitter.com/wattsupwiththat/status/121370173	65	0.59	9	8.82
https://www.abc.net.au/news/2019-12-31/victoria-bushfire-trapping-people-in-east-gippsland-live-blog/11833630	65	0.59	0	0.00
https://www.9news.com.au/national/bushfires-near-me-live-coverage-victoria-nsw-residents-evacuated-ahead-of-catastrophic-fire-conditions/d2fd78c3-c1b4-46f9-adb7-ba2cf6d6a3b8	65	0.59	0	0.00

Table 34: Period 1: Intersection of the two sets of top 50 URLs shared within the largest right wing cluster by far-right and non-far-right accounts.

intersection
https://www.9news.com.au/national/queensland-bushfires-arson-blamed-for-destructive-fires-crime/5dcb394e-684e-43ae-ad18-e0a13847890e
https://www.smh.com.au/national/arson-mischief-and-recklessness-87-per-cent-of-fires-are-man-made-20191117-p53bcl.html
https://www.dailytelegraph.com.au/news/nsw/nsw-police-reveal-measures-to-crackdown-on-bushfire-arsonists/news-story/2993007a606a11fbd037bf1bcafe7f64
https://www.theaustralian.com.au/nation/nsw-firefronts-uncontrollable-as-state-braces-for-heatwave/news-story/4f006855e6b1598ba3a6d53c66391516
https://twitter.com/thenation/status/1210181476949606402
https://www.theaustralian.com.au/nation/enviromental-group-celebrates-as-eden-woodchip-mill-burns-down-in-bushfires/news-story/8e24432cf1478e98fa6c3ac2bab2a857
https://www.theage.com.au/national/victoria/bushfire-scientist-david-packham-warns-of-huge-blaze-threat-urges-increase-in-fuel-reduction-burns-20150312-14259h.html
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/amp/
https://twitter.com/wattsupwiththat/status/1213701736503926784
https://www.theaustralian.com.au/nation/bushfires-double-standards-call-on-qld-premier-annastacia-palaszczuks-leave/news-story/5e22112d2b8e7c85f42bac67fd7e7624
https://twitter.com/netz_melb/status/1212934550172491777
https://www.smh.com.au/national/andrew-forrest-says-fuel-loads-not-climate-change-are-primary-cause-of-bushfires-20200123-p53twe.html
https://www.9news.com.au/national/nsw-police-catch-24-people-alleged-deliberate-started-bushfires/acdeff0c-88c3-4801-b3b1-5d6c3bd22480
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/
https://twitter.com/7newssydney/status/1213002373766901760
https://twitter.com/scottmorrisonmp/status/1214373985988698112
https://news.defence.gov.au/national/defence-continues-bushfire-support
https://www.theguardian.com/commentisfree/2013/oct/22/tony-abbott-bushfires
https://www.tr.news/bushfire-arson-arrests/

Table 34: Period 1: Intersection of the two sets of top 50 URLs shared within the largest right wing cluster by far-right and non-far-right accounts. *(continued)*

intersection
https://www.theaustralian.com.au/nation/bushfires-firebugs-fuelling-crisis-asarson-arresttollhits183/news-story/52536dc9ca9bb87b7c76d36ed1acf53f

Table 35: Period 2: Top 50 URLs shared by far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource.

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://www.cdc.gov/coronavirus/2019-ncov/index.html	139	1.27	25	20.49
https://twitter.com/1Naasty/status/1223944853056155648	2	0.02	16	13.11
https://www.newsweek.com/nigel-farage-china-coronavirus-west-rethink-1493085	163	1.48	15	12.30
https://www.news.com.au/lifestyle/health/health-problems/coronavirus-australia-live-updates/live-coverage/6833f3fc2b53bec553dc6fb428cd8215	23	0.21	11	9.02
http://nypost.com/2020/03/19/we-didnt-have-to-have-ventilator-shortage-leaders-chose-not-to-prep-for-pandemic/	5	0.05	10	8.20
https://www.michaelsmithnews.com/2020/04/daniel-andrews-and-his-ministers-to-get-118-pay-rise-in-midst-of-coronavirus-layoffs.html	157	1.43	9	7.38
https://twitter.com/trumpwarroom/status/1243365968	0	0.00	8	6.56
https://twitter.com/who/status/1217043229427761152	81	0.74	7	5.74
https://twitter.com/1Naasty/status/1238330639482417	0	0.00	7	5.74
https://righttolife.org.uk/news/nz-pm-rushes-worlds-most-extreme-abortion-law-into-law-while-country-distracted-with-pandemic/	24	0.22	6	4.92
https://www.michaelsmithnews.com/2020/04/hydroxyc rated-most-effective-coronavirus-therapy-by-doctors-global-survey.html	12	0.11	6	4.92
https://www.foxnews.com/world/macron-faces-calls-to-allow-wider-use-hydroxychloroquine-in-coronavirus-fight-report	13	0.12	6	4.92
https://www.whitehouse.gov/briefings-statements/coronavirus-guidelines-america/	24	0.22	6	4.92
https://hannity.com/media-room/happening-now-president-trump-donates-his-quarterly-salary-to-help-fight-coronavirus-find-vaccine/	33	0.30	6	4.92
https://twitter.com/ZubSpike/status/124630179473449	1	0.01	6	4.92
https://www.foxnews.com/politics/after-mocking-trump-promoting-hydroxychloroquine-media-acknowleges-might-treat-coronavirus	41	0.37	6	4.92
https://www.news.com.au/lifestyle/health/health-problems/coronavirus-australia-live-updates/live-coverage/5deecbb20ba381b4bf1657c736a9ec91	10	0.09	6	4.92
https://twitter.com/JoshFrydenberg/status/1244340478994079744	16	0.15	6	4.92
https://www.takebackyourpower.net/brussels-first-major-city-to-halt-5g-due-to-health-effects/	11	0.10	6	4.92
https://www.whitehouse.gov/articles/president-trump-actions-to-confront-pandemic/	25	0.23	6	4.92
https://www.news.com.au/world/coronavirus/global/cc chinas-devious-move-under-cover-of-virus/news-story/3b2d4c044f76821940643eb62cfc5f62	20	0.18	6	4.92

Table 35: Period 2: Top 50 URLs shared by far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource. *(continued)*

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://www.news.com.au/lifestyle/health/health-problems/coronavirus-australia-live-updates/live-coverage/ec666e19a1d62724434dba05028818bd	18	0.16	6	4.92
https://www.dailymail.co.uk/news/article-8162937/Coronavirus-drives-army-command-teams-infamous-Cheyenne-mountain-bunker.html	7	0.06	6	4.92
https://www.news.com.au/lifestyle/health/health-problems/coronavirus-australia-live-coverage-surge-in-covid19-cases-across-nsw-qld/live-coverage/6e4d2d14514aeb327f574323e990387a	20	0.18	6	4.92
http://nypost.com/2020/03/12/trump-passes-coronavirus-test-with-flying-colors-goodwin/	23	0.21	6	4.92
https://twitter.com/AndrewPerticus/status/1236406470557618177	0	0.00	6	4.92
https://twitter.com/mattsgorman/status/12418888991(	0	0.00	6	4.92
https://twitter.com/TheLastRefuge2/status/1243034417985130496	0	0.00	6	4.92
https://www.washingtontimes.com/news/2020/apr/2/h rated-most-effective-therapy-do/	45	0.41	5	4.10
https://www.theaustralian.com.au/nation/politics/coronavirus-givealittle-victorian-labor-ministers-keep-major-pay-rise/news-story/0ae88cbdc57a25abca9fa03cf845fff4	93	0.85	5	4.10
https://www.news.com.au/lifestyle/health/health-problems/live-coverage-of-australias-coronavirus-outbreak/live-coverage/1c9f53b5f9f7c48d7f41daa36d3ec447	18	0.16	5	4.10
https://twitter.com/chrisbergPOVNOW/status/12476809948215091219	19	0.17	5	4.10
http://nypost.com/2020/04/02/hydroxychloroquine-most-effective-coronavirus-treatment-poll/	20	0.18	5	4.10
https://www.news.com.au/lifestyle/health/health-problems/coronavirus-australia-live-updates/live-coverage/905afffa8fc784b68a4fdcdf90380b1c	8	0.07	5	4.10
https://freebeacon.com/latest-news/woman-who-ingested-fish-tank-cleaner-was-prolific-donor-to-democratic-causes/	37	0.34	5	4.10
https://www.dailywire.com/news/breaking-woman-who-accused-biden-of-sexual-assault-files-criminal-complaint-with-police/	35	0.32	5	4.10
https://youtu.be/NyDjJ5ytc54	15	0.14	5	4.10
https://www.abc.net.au/news/2020-03-28/charles-batham-arrested-in-italy-amid-coronavirus-chaos/12097186	17	0.15	5	4.10
https://www.dailymail.co.uk/news/article-8151873/Coronavirus-Australias-face-masks-hand-sanitisers-vital-medical-items-shipped-CHINA.html	10	0.09	5	4.10
https://elpais.com/sociedad/2020-03-25/los-test-rapidos-de-coronavirus-comprados-en-china-no-funcionan.html	51	0.46	5	4.10
https://www.npr.org/sections/goatsandsoda/2020/03/2 in-wuhan-recovered-coronavirus-patients-test-negative-then-positive	8	0.07	5	4.10
https://www.news.com.au/lifestyle/health/health-problems/coronavirus-australia-covid19-cases-in-nsw-victoria-queensland-sa-wa-tasmania-act-and-nt/news-story/4c4567f22dff347245b5dfa41c91adfd	6	0.05	5	4.10
https://www.theblaze.com/news/report-pelosi-attempted-to-sneak-taxpayer-funded-abortions-into-the-coronavirus-relief-bill	56	0.51	5	4.10

Table 35: Period 2: Top 50 URLs shared by far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource. *(continued)*

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://babylonbee.com/news/liberal-treated-with-hydroxychloroquine-hopes-he-still-dies-of-covid-19-to-prove-trump-is-stupid	60	0.55	5	4.10
https://www.dailymail.co.uk/news/article-8144859/Masked-woman-arrested-Woolworths-store-holding-shopping-bags.html	8	0.07	5	4.10
https://www.breitbart.com/politics/2020/03/22/who-covers-for-china-amid-virus-outbreak-not-contagious-among-humans/	36	0.33	5	4.10
https://twitter.com/1Naasty/status/1236895799457406	0	0.00	5	4.10
https://justthenews.com/politics-policy/coronavirus/list-here-are-some-celebrities-and-politicians-who-have-contracted	5	0.05	5	4.10
https://twitter.com/Orcusa1/status/1244846686666731	0	0.00	5	4.10
https://twitter.com/o_rips/status/1228892621843550208	0	0.00	5	4.10
https://www.westernjournal.com/report-china-concealed-43000-confirmed-coronavirus-cases-end-february/	1	0.01	5	4.10
https://news.yahoo.com/coronavirus-lockdown-helps-italian-police-nab-leading-mobster-171011765.html	5	0.05	5	4.10
https://twitter.com/philbak1/status/124288499573324[illegible]	2	0.02	5	4.10
https://twitter.com/ozcrimenews/status/1241341538451390464	0	0.00	5	4.10
https://twitter.com/SRCC/status/124186830245404672	0	0.00	5	4.10

Table 36: Period 2: Top 50 URLs shared by non-far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource.

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://twitter.com/sunriseon7/status/12081384881990	439	3.98	0	0.00
https://twitter.com/FRNSW/status/1211943881790509056	286	2.59	0	0.00
https://twitter.com/frnsw/status/121194388179050905[illegible]	254	2.30	0	0.00
https://www.smh.com.au/national/arson-mischief-and-recklessness-87-per-cent-of-fires-are-man-made-20191117-p53bcl.html	239	2.17	22	21.57
https://epr1984.wixsite.com/shareabed	200	1.81	0	0.00
https://www.theaustralian.com.au/nation/nsw-firefronts-uncontrollable-as-state-braces-for-heatwave/news-story/4f006855e6b1598ba3a6d53c66391516	193	1.75	13	12.75
https://7news.com.au/	166	1.51	1	0.98
https://www.theaustralian.com.au/nation/bushfires-firebugs-fuelling-crisis-asarson-arresttollhits183/news-story/52536dc9ca9bb87b7c76d36ed1acf53f	164	1.49	5	4.90
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/amp/	157	1.42	9	8.82
https://www.smh.com.au/environment/conservation/incredible-secret-firefighting-mission-saves-famous-dinosaur-trees-20200115-p53rom.html	152	1.38	0	0.00
https://www.dailytelegraph.com.au/news/nsw/nsw-police-reveal-measures-to-crackdown-on-bushfire-arsonists/news-story/2993007a606a11fbd037bf1bcafe7f64	151	1.37	16	15.69
https://twitter.com/pink/status/1213350834672586752	147	1.33	3	2.94

Table 36: Period 2: Top 50 URLs shared by non-far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource. *(continued)*

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/	143	1.30	7	6.86
https://news.defence.gov.au/national/defence-continues-bushfire-support	143	1.30	7	6.86
https://www.theaustralian.com.au/nation/bushfires-double-standards-call-on-qld-premier-annastacia-palaszczuks-leave/news-story/5e22112d2b8e7c85f42bac67fd7e7624	142	1.29	9	8.82
https://www.9news.com.au/national/nsw-police-catch-24-people-alleged-deliberate-started-bushfires/acdeff0c-88c3-4801-b3b1-5d6c3bd22480	140	1.27	7	6.86
https://twitter.com/thenation/status/121018147694960	136	1.23	13	12.75
https://www.standard.co.uk/news/world/australian-bushfires-new-south-wales-koalas-sydney-a4322071.html	135	1.22	0	0.00
https://www.abc.net.au/news/science/2019-11-20/bushfire-ignition-source-how-we-know/11701132	127	1.15	2	1.96
https://twitter.com/sbsnews/status/1212968896069656580	124	1.12	1	0.98
https://www.theage.com.au/national/victoria/bushfire-scientist-david-packham-warns-of-huge-blaze-threat-urges-increase-in-fuel-reduction-burns-20150312-14259h.html	119	1.08	9	8.82
https://www.tr.news/bushfire-arson-arrests/	114	1.03	5	4.90
https://www.2gb.com/podcast/scientist-david-packham-on-whats-really-causing-the-bushfires/	112	1.02	1	0.98
https://twitter.com/7newssydney/status/1213002373766901760	107	0.97	7	6.86
https://www.theguardian.com/commentisfree/2013/oct abbott-bushfires	106	0.96	7	6.86
https://www.9news.com.au/national/australian-bushfires-480-million-animals-dead-in-nsw-explained/adb6bacb-829b-49b1-b191-7a5c999d9d3b	105	0.95	3	2.94
https://www.9news.com.au/national/bushfires-australia-comedian-celeste-barber-raises-nearly-4-million-dollars-for-emergency-crews/e508ea2b-9982-415e-b541-aff69c1bbe1a	105	0.95	0	0.00
https://donate.zoo.org.au/donation	99	0.90	0	0.00
https://www.spectator.com.au/2020/01/we-dont-just-have-a-bushfire-crisis-we-have-an-arson-crisis-too/	96	0.87	3	2.94
https://twitter.com/netz_melb/status/1212934550172491777	94	0.85	8	7.84
https://www.scamwatch.gov.au/report-a-scam	94	0.85	0	0.00
https://www.abc.net.au/news/2020-01-13/uk-journalist-pranked-into-holding-a-drop-bear-during-bushfires/11863942	94	0.85	0	0.00
https://www.beyondblue.org.au/the-facts/bushfires-and-mental-health	93	0.84	0	0.00
https://news.defence.gov.au/national/defence-boosts-bushfire-support	92	0.83	1	0.98
https://7news.com.au/news/bushfires/bushfires-in-australia-how-you-can-help-c-629603	91	0.83	0	0.00
https://www.theaustralian.com.au/nation/james-packer-to-donate-5m-to-australias-bushfire-crisis/news-story/aaae6a0d73b2dd866a89d0c7c2599250	81	0.73	2	1.96

Table 36: Period 2: Top 50 URLs shared by non-far-right accounts part of the largest right wing cluster with number and proportion of member accounts (far-right or rest) that have been linking to that resource. *(continued)*

URL	indegree (rest)	%, rest	indegree (far-right)	%, far-right
https://www.abc.net.au/news/2019-12-17/what-youd-spend-to-prevent-climate-change-and-what-you-could-get/11784704	80	0.73	1	0.98
https://www.9news.com.au/national/queensland-bushfires-arson-blamed-for-destructive-fires-crime/5dcb394e-684e-43ae-ad18-e0a13847890e	79	0.72	26	25.49
https://www.2gb.com/ultimate-betrayal-rfs-volunteer-charged-with-starting-seven-bushfires/	79	0.72	1	0.98
https://www.smh.com.au/national/andrew-forrest-says-fuel-loads-not-climate-change-are-primary-cause-of-bushfires-20200123-p53twe.html	79	0.72	8	7.84
https://twitter.com/tan123/status/12087207908055326	75	0.68	4	3.92
https://twitter.com/scottmorrisonmp/status/1214373985988698112	75	0.68	7	6.86
https://twitter.com/mattabbottphoto/status/12122299	71	0.64	0	0.00
https://www.facebook.com/story.php	70	0.64	0	0.00
https://www.abc.net.au/news/2020-01-10/kangaroo-island-mayor-rebukes-barack-obama-bushfire-tweet/11858654	68	0.62	4	3.92
https://www.abc.net.au/news/2019-12-17/what-youd-spend-to-halt-climate-change-and-what-you-could-get/11784704	67	0.61	0	0.00
https://mobile.abc.net.au/news/2020-01-02/us-firefighters-arrive-to-help-with-victorian-bushfire-disaster/11838260	66	0.60	2	1.96
https://www.theaustralian.com.au/nation/enviromental-group-celebrates-as-eden-woodchip-mill-burns-down-in-bushfires/news-story/8e24432cf1478e98fa6c3ac2bab2a857	66	0.60	10	9.80
https://twitter.com/wattsupwiththat/status/121370173	65	0.59	9	8.82
https://www.abc.net.au/news/2019-12-31/victoria-bushfire-trapping-people-in-east-gippsland-live-blog/11833630	65	0.59	0	0.00
https://www.9news.com.au/national/bushfires-near-me-live-coverage-victoria-nsw-residents-evacuated-ahead-of-catastrophic-fire-conditions/d2fd78c3-c1b4-46f9-adb7-ba2cf6d6a3b8	65	0.59	0	0.00

Table 37: Period 1: Intersection of the two sets of top 50 URLs shared within the largest right wing cluster by far-right and non-far-right accounts.

intersection
https://www.9news.com.au/national/queensland-bushfires-arson-blamed-for-destructive-fires-crime/5dcb394e-684e-43ae-ad18-e0a13847890e
https://www.smh.com.au/national/arson-mischief-and-recklessness-87-per-cent-of-fires-are-man-made-20191117-p53bcl.html
https://www.dailytelegraph.com.au/news/nsw/nsw-police-reveal-measures-to-crackdown-on-bushfire-arsonists/news-story/2993007a606a11fbd037bf1bcafe7f64
https://www.theaustralian.com.au/nation/nsw-firefronts-uncontrollable-as-state-braces-for-heatwave/news-story/4f006855e6b1598ba3a6d53c66391516
https://twitter.com/thenation/status/1210181476949606402
https://www.theaustralian.com.au/nation/enviromental-group-celebrates-as-eden-woodchip-mill-burns-down-in-bushfires/news-story/8e24432cf1478e98fa6c3ac2bab2a857
https://www.theage.com.au/national/victoria/bushfire-scientist-david-packham-warns-of-huge-blaze-threat-urges-increase-in-fuel-reduction-burns-20150312-14259h.html

Table 37: Period 1: Intersection of the two sets of top 50 URLs shared within the largest right wing cluster by far-right and non-far-right accounts. *(continued)*

intersection
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/amp/
https://twitter.com/wattsupwiththat/status/1213701736503926784
https://www.theaustralian.com.au/nation/bushfires-double-standards-call-on-qld-premier-annastacia-palaszczuks-leave/news-story/5e22112d2b8e7c85f42bac67fd7e7624
https://twitter.com/netz_melb/status/1212934550172491777
https://www.smh.com.au/national/andrew-forrest-says-fuel-loads-not-climate-change-are-primary-cause-of-bushfires-20200123-p53twe.html
https://www.9news.com.au/national/nsw-police-catch-24-people-alleged-deliberate-started-bushfires/acdeff0c-88c3-4801-b3b1-5d6c3bd22480
https://caldronpool.com/abc-deletes-story-about-climate-protesters-halting-protection-burns-prior-to-devastating-bushfires/
https://twitter.com/7newssydney/status/1213002373766901760
https://twitter.com/scottmorrisonmp/status/1214373985988698112
https://news.defence.gov.au/national/defence-continues-bushfire-support
https://www.theguardian.com/commentisfree/2013/oct/22/tony-abbott-bushfires
https://www.tr.news/bushfire-arson-arrests/
https://www.theaustralian.com.au/nation/bushfires-firebugs-fuelling-crisis-asarson-arresttollhits183/news-story/52536dc9ca9bb87b7c76d36ed1acf53f

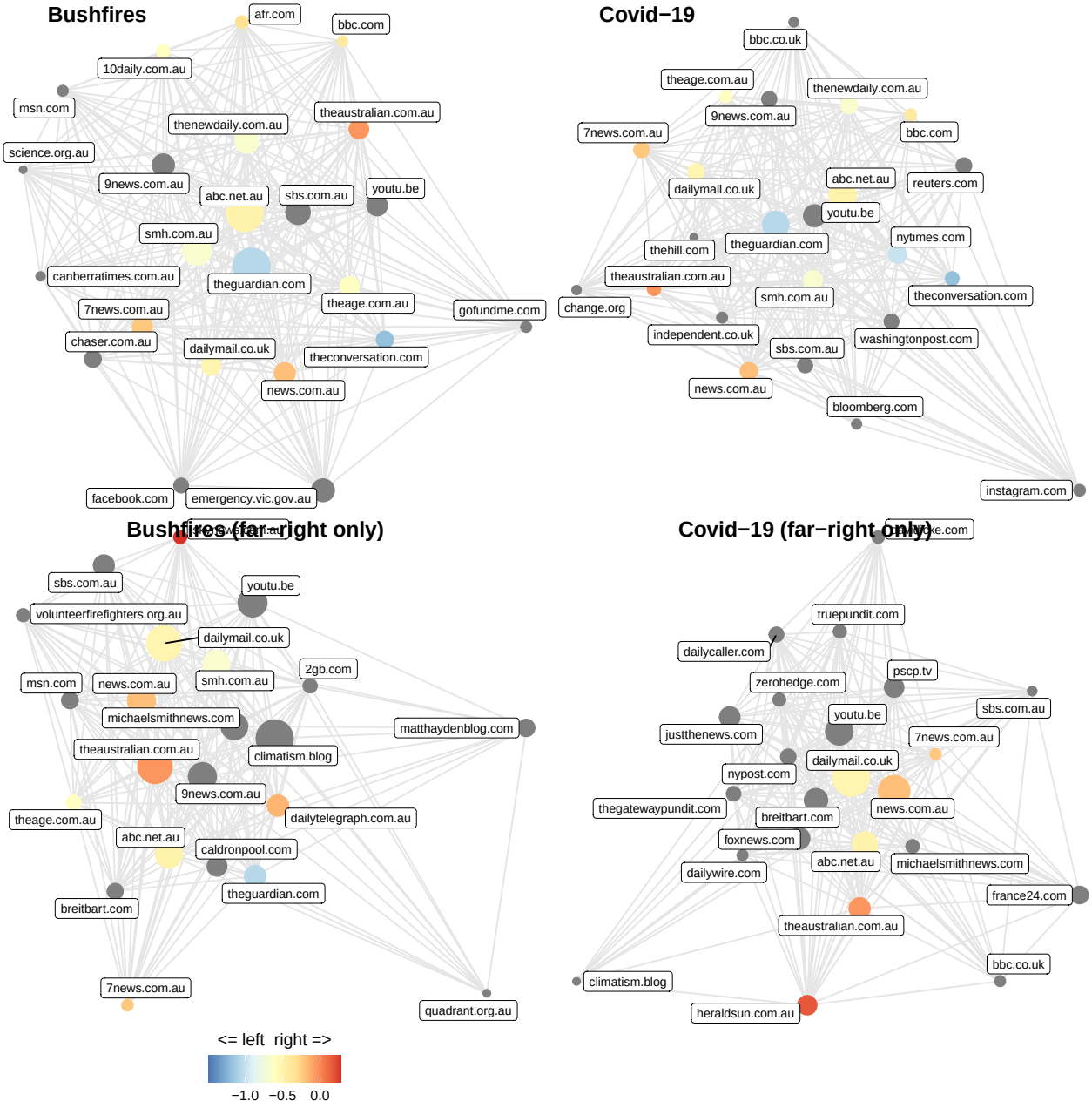


Figure 9: Relation among top web domains as they are co-linked from tweets.

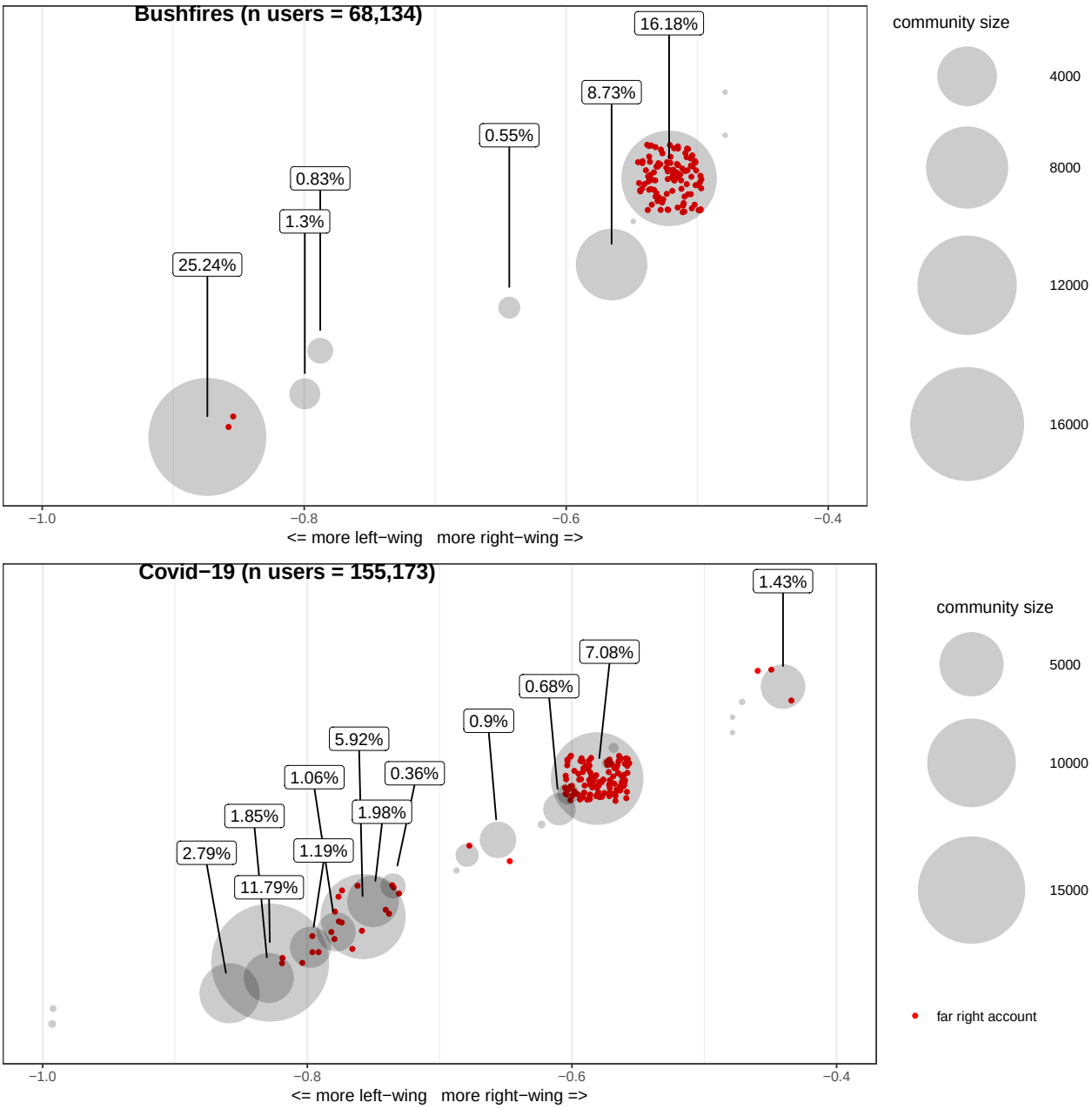


Figure 10: Community of users based on the URLs shared in their tweets with each red dot indicating a far-right account.

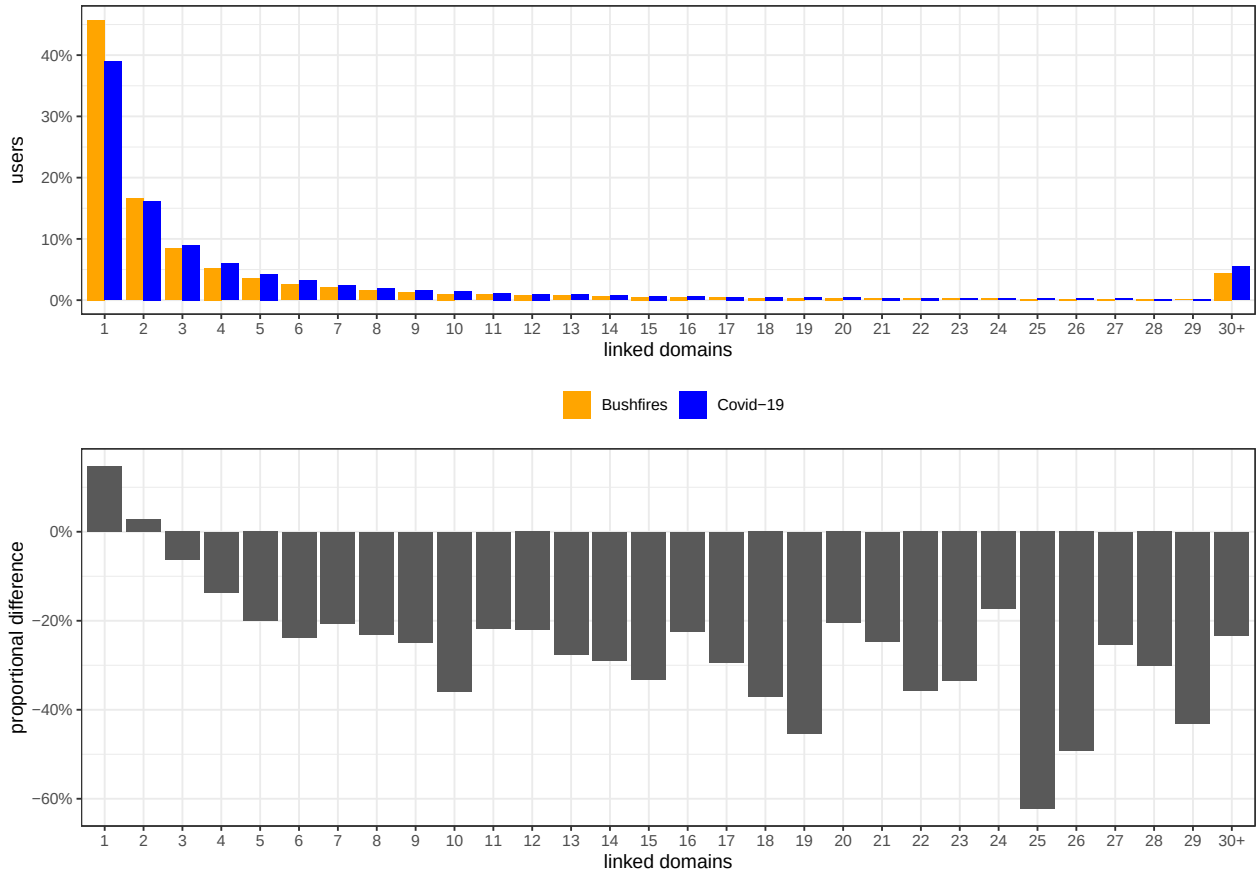


Figure 11: Outdegree distribution of the user-to-domain network.

Information disorder

The list of global news sources is created combined three collections compiled by the Media Cloud, an open source platform for crawling and indexing news stories. The Media Cloud collections we used are

- "Australia National" (collection 34412282);
- "Australia State Local" (collection 38378024); and
- "Global English Language Sources" (collection 9272347).

This resulted in a list of 2034 news domains.

Table 38: News sources: Top 20 countries of publication

pub_country	n
AUS	425
USA	223
NGA	121
	116
GBR	69
CAN	59
IND	59
AFG	30
PAK	24
GHA	23
NZL	22
ZAF	22
LKA	21
ARM	20
PHL	20
UKR	19
ISR	18
MWI	16
KEN	15
SLE	15

```
# Bushfire

bushfire_user_domain.el$news_source <-
  global_news_sources$collection[match(bushfire_user_domain.el$domain,
                                       global_news_sources$domain)]

bushfire_user_domain.el$gov <-
  grepl(".gov(.au)?$|.int$", bushfire_user_domain.el$domain)

bushfire_user_domain_info_disorder.el <-
  bushfire_user_domain.el %>%
  dplyr::select(user_id, created_at, domain, gov, news_source)

bushfire_user_domain_info_disorder.el$time_cut <-
  cut(bushfire_user_domain_info_disorder.el$created_at, "day")
```

```r
# Covid

covid_user_domain.el$news_source <-
  global_news_sources$collection[match(covid_user_domain.el$domain,
                                       global_news_sources$domain)]

covid_user_domain.el$gov <-
  grepl(".gov(.au)?$|.int$", covid_user_domain.el$domain)

covid_user_domain_info_disorder.el <-
  covid_user_domain.el %>%
  dplyr::select(user_id, created_at, domain, gov, news_source)

covid_user_domain_info_disorder.el$time_cut <-
  cut(covid_user_domain_info_disorder.el$created_at, "day")

bushfire_user_domain_info_disorder.el %>%
  dplyr::distinct(user_id, domain, time_cut, news_source, gov) %>%
  dplyr::group_by(time_cut) %>%
  dplyr::summarise(unique_domains = length(unique(domain)) / length(unique(user_id)),
                   govnews_ratio = sum(gov | !is.na(news_source))  / n()) %>%
  dplyr::mutate(period = "Bushfires") %>%
  dplyr::bind_rows(
    covid_user_domain_info_disorder.el %>%
      dplyr::distinct(user_id, domain, time_cut, news_source, gov) %>%
      dplyr::group_by(time_cut) %>%
      dplyr::summarise(unique_domains = length(unique(domain)) /
                         length(unique(user_id)),
                       govnews_ratio = sum(gov | !is.na(news_source))  /
                         n()) %>%
                     dplyr::mutate(period = "Covid-19")) %>%
  ggplot() +
  geom_point(aes(x = govnews_ratio, y = unique_domains, colour = period),
             shape = 1, size = 2) +
  scale_x_continuous(label = percent) +
  scale_y_continuous(label = percent) +
  scale_colour_manual(labels = c("Bushfires", "Covid-19"),
                      values = c("orange", 'blue')) +
  theme_bw() +
  labs(x = "government or news organisations' domains",
       y = "unique domains per unique users",
       colour = NULL)
```

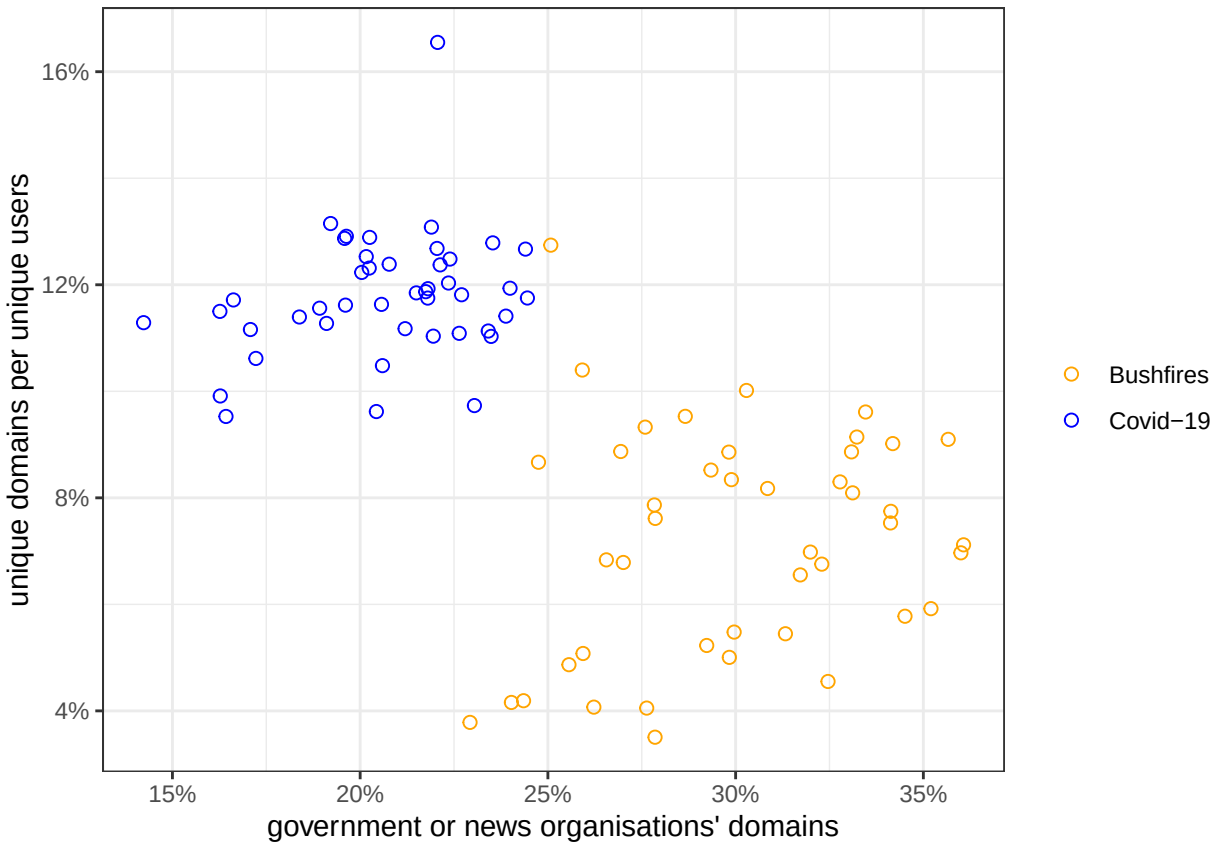


Figure 12: Information disorder.

Table 39: User-User network

nodes	edges	type	period
3263	4950	user-user	Period 1
4710	8141	user-user	Period 2

User-User network (mutual retweets)

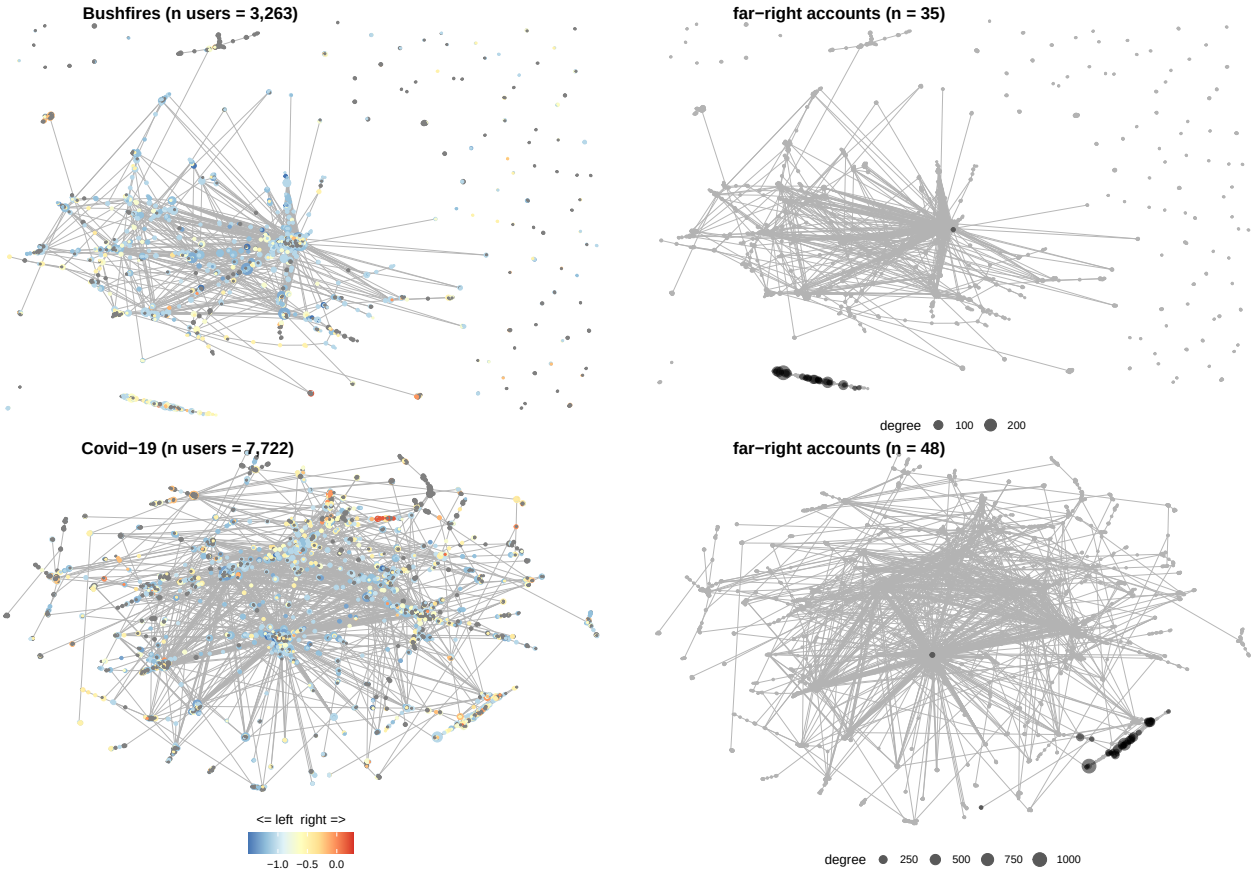


Figure 13: Mutual retweet networks.

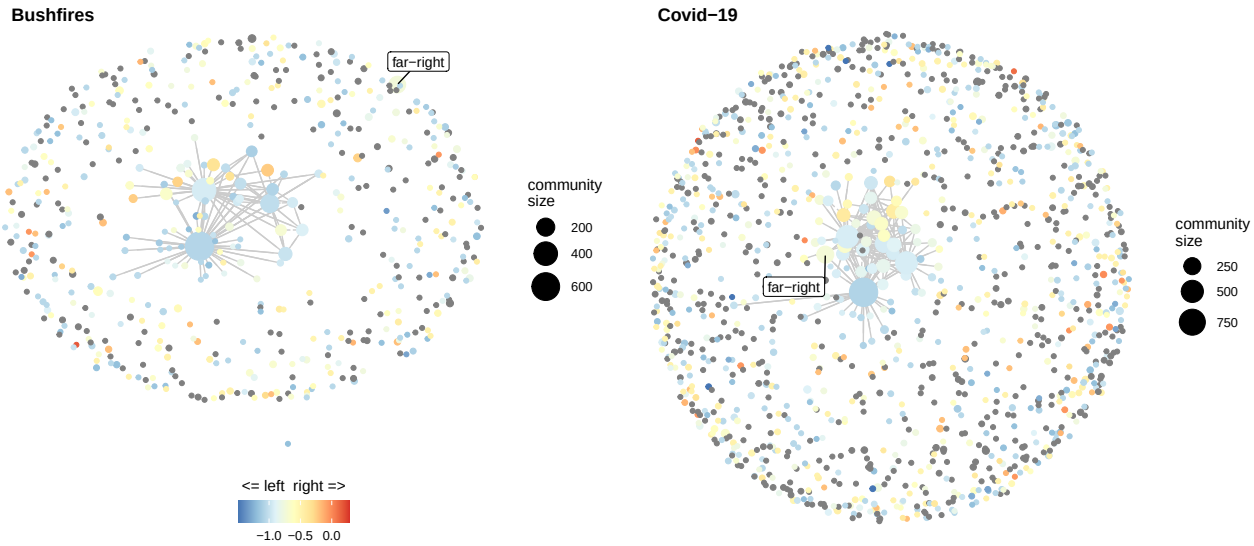


Figure 14: Communities of the mutual retweet network.

Matching

A unique matching tweet is identified with the following R function

```
MatchIt::matchit(treat ~
                   user_favourites_count + user_followers_count + user_friends_count +
                   user_listed_count + user_statuses_count + user_verified + url + media,
                 data = this_engagement,
                 method = "nearest", distance = "glm")
```

where `treat` is a tweet

1. published by a specific group of accounts (i.e., journalists, politicians, far right or climate action accounts); or
2. containing a link to a list of domains such as facebook.com or youtube.com but also to sites identified by mediabiasfactcheck.com as publishing low-credibility news stories, high-credibility news stories or conspiracy-pseudoscience news stories.

The result is used to fit the data with

```
glm(rt_n_unreciprocated ~ treat +
      user_favourites_count + user_followers_count + user_friends_count +
      user_listed_count + user_statuses_count + user_verified + url + media,
    data = m.data, weights = weights, family = 'poisson')
```

where `rt_n_unreciprocated` is the number of retweets from accounts that had not exchnaged reciprocal retweets with the account in the previous 7 days and `weights` are computed by the `matchit` function.

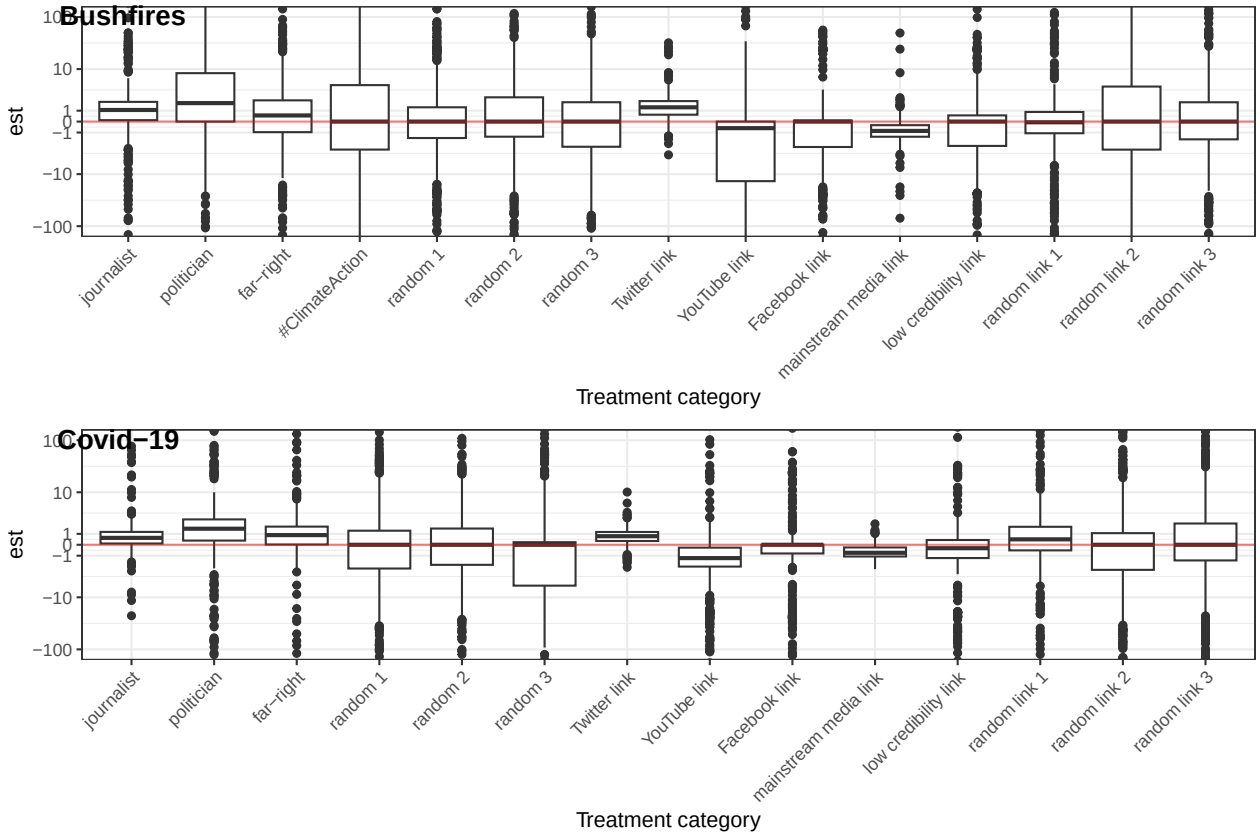


Figure 15: Distribution of regression estimates based on 'nearest neighbor matching.

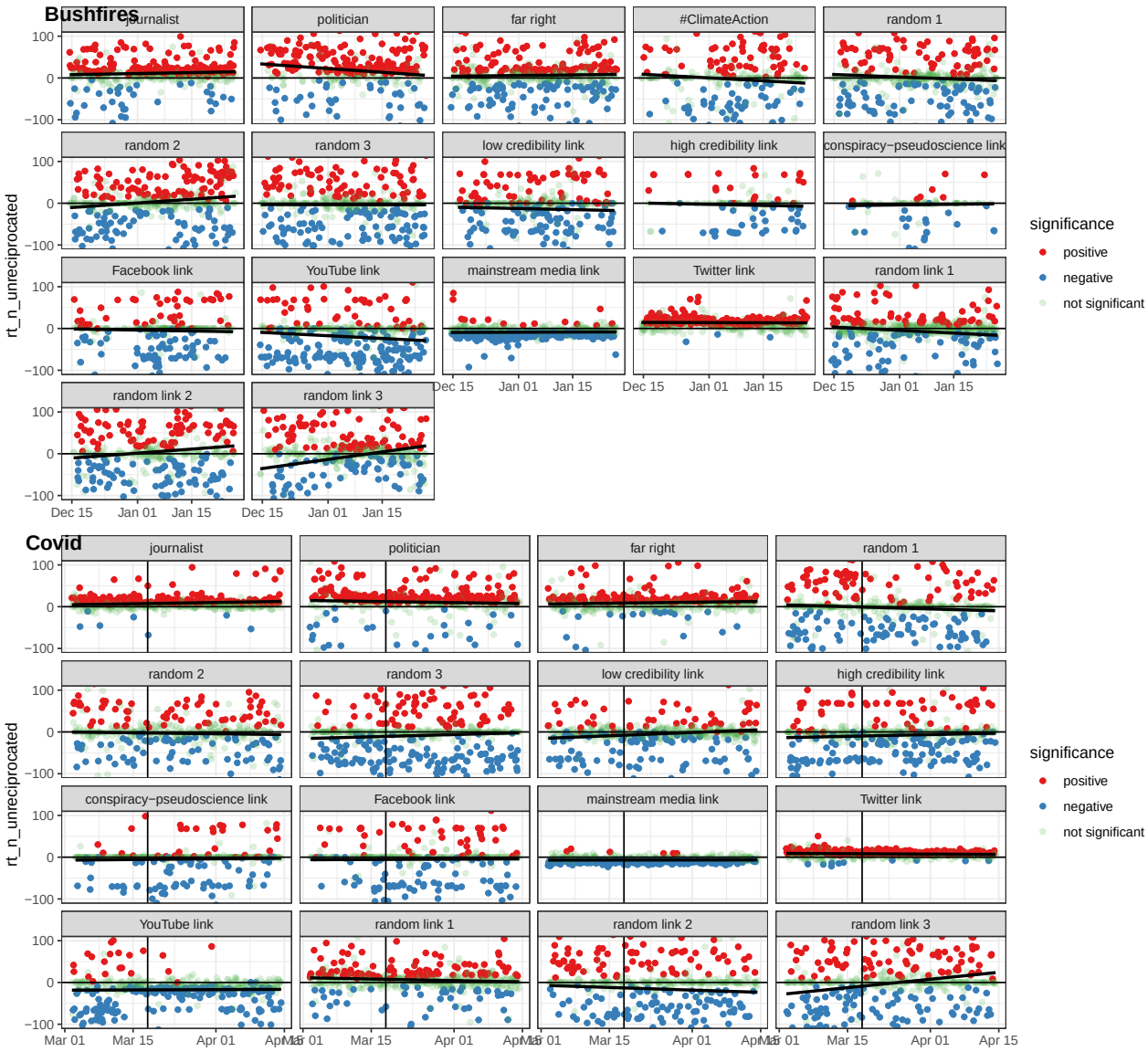


Figure 16: Regression estimates based on nearest neighbor matching over time.

Table 40: % of estimates in each significance category (p<.05)

name	not_signif	pos_signif	neg_signif
far~right	63.31	32.06	4.64
journalist	63.29	34.72	1.98
random	55.91	19.41	24.68

Reach

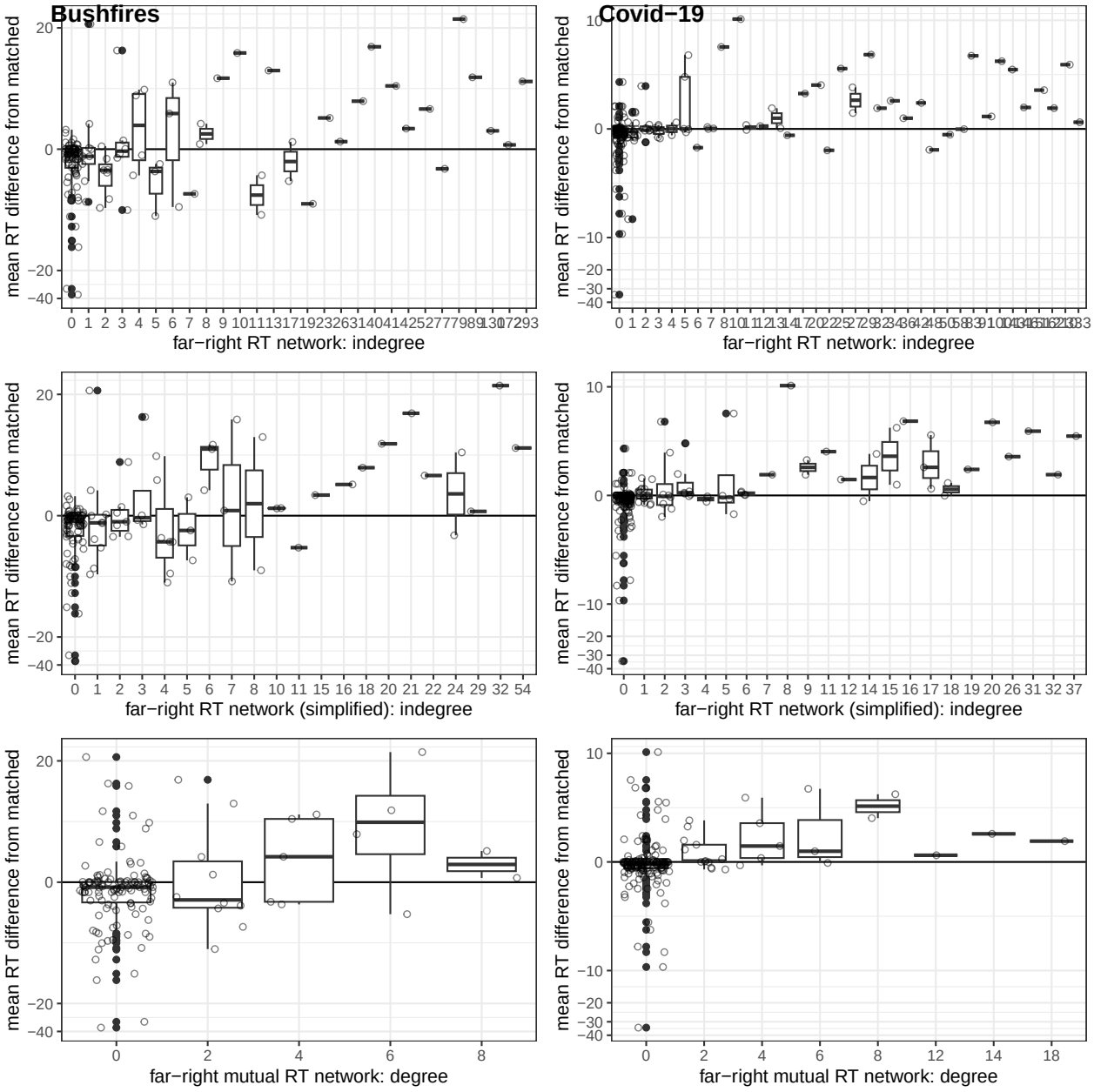


Figure 17: Association between degree distribution within the far-right retweet network and mean difference of retweets in comparison to matched tweets.

Authentic vs inauthentic coordination

To assess if there is any indication an inauthentic coordination between the far-right accounts, and in addition to the bot detection algorithm, we compute three different set of measurements. We are first interested in detecting possible evidence of programmatic use of multiple Twitter accounts. These measurements are designed to identify traces of specific forms of programmatic coordination but can't be used to exclude the presence of other forms of inauthentic coordination. Second, we report on manually coding a sample of 50 far-right accounts.

Bot detection

We analysed the users in our dataset to verify whether they were socialbots. Socialbots are computer-controlled online accounts that aim to appear as authentic as possible to the rest of the social media users, in order to create the illusion of popularity or critical mass (Gehl & Bakardjieva, 2016). We detected socialbots using the tweetbotornot2 R package (Ferrara et al., 2016), which used more than 1000 features to estimate the probability of an account being a social bots only based on our dataset (since a number of accounts were not active anymore, using live data was not an option). These features included: when the account was created, the number of followers, the levels of activity and whether a tweet was published using the Twitter web client or a mobile app. According to the software, 0.4% of accounts active during the Bushfire conversation and 0.7% during the Covid-10 conversation were assigned a likelihood of being a bot higher than 80%. Such a low percentage can be explained by Twitter's own intervention between data creation and data collection.

Among the 208 far-right accounts, no account was assigned a likelihood of being a bot above 80%. In Period 1, 95% of the far-right accounts where assigned a value below 0.7266% while in Period 2 a value below 0.8071%.

Table 41: Estimated likelihood of being a bot for the far-right accounts (n=208)

Period 1 %	Period 2 %
61.05	39.34
57.15	50.12
32.46	30.65
17.88	13.25
4.56	0.21
1.49	0.23
0.87	0.39
0.78	0.01
0.72	0.30
0.71	0.26
0.68	0.02
0.62	0.17
0.61	0.02
0.59	0.13
0.49	0.12
0.48	0.07
0.43	0.60
0.43	0.13
0.40	0.01
0.34	0.04
0.31	0.00
0.30	0.04
0.28	0.58
0.28	0.07
0.27	0.04

Table 41: Estimated likelihood of being a bot for the far-right accounts (n=208) *(continued)*

Period 1 %	Period 2 %
0.26	0.30
0.26	0.23
0.24	0.13
0.23	39.35
0.23	0.07
0.21	0.07
0.21	0.04
0.21	0.01
0.20	0.01
0.18	0.04
0.17	0.14
0.17	0.08
0.17	0.03
0.16	0.13
0.16	NA
0.13	0.04
0.12	0.03
0.12	0.02
0.11	0.12
0.11	0.11
0.11	0.03
0.11	0.03
0.10	0.04
0.10	0.04
0.10	0.03
0.10	0.02
0.10	0.02
0.09	0.42
0.09	0.24
0.09	0.04
0.09	0.03
0.09	0.03
0.09	0.01
0.09	0.01
0.08	0.36
0.08	0.19
0.08	0.13
0.08	0.10
0.08	0.07
0.08	0.04
0.08	0.03
0.07	0.09
0.07	0.04
0.07	0.03
0.07	0.01
0.07	NA
0.06	0.15
0.06	0.11
0.06	0.09
0.06	0.07
0.06	0.06
0.06	0.05
0.06	0.04
0.06	0.02
0.05	0.24

Table 41: Estimated likelihood of being a bot for the far-right accounts (n=208) *(continued)*

Period 1 %	Period 2 %
0.05	0.15
0.05	0.12
0.05	0.12
0.05	0.06
0.05	0.05
0.05	0.04
0.05	0.04
0.05	0.03
0.05	0.02
0.05	0.02
0.05	0.02
0.05	0.01
0.05	0.01
0.05	0.01
0.05	0.01
0.04	0.14
0.04	0.06
0.04	0.05
0.04	0.05
0.04	0.03
0.04	0.03
0.04	0.03
0.04	0.03
0.04	0.02
0.04	0.02
0.04	0.01
0.04	0.01
0.03	0.20
0.03	0.14
0.03	0.10
0.03	0.06
0.03	0.04
0.03	0.04
0.03	0.02
0.03	0.02
0.03	0.01
0.03	0.01
0.03	0.01
0.02	0.07
0.02	0.06
0.02	0.05
0.02	0.04
0.02	0.03
0.02	0.03
0.02	0.02
0.02	0.02
0.02	0.02
0.02	0.01
0.02	0.01
0.02	0.01
0.02	0.01
0.02	0.01
0.02	NA
0.01	0.10

Table 41: Estimated likelihood of being a bot for the far-right accounts (n=208) *(continued)*

Period 1 %	Period 2 %
0.01	0.06
0.01	0.06
0.01	0.03
0.01	0.03
0.01	0.03
0.01	0.02
0.01	0.02
0.01	0.02
0.01	0.01
0.01	0.01
0.01	0.01
0.01	0.01
0.01	0.01
0.01	0.01
0.01	0.01
0.01	0.01
0.01	0.01
0.01	0.00
0.00	0.05
0.00	0.01
0.00	0.01
0.00	0.00
0.00	0.00
NA	2.43
NA	1.72
NA	1.15
NA	0.87
NA	0.86
NA	0.81
NA	0.80
NA	0.51
NA	0.50
NA	0.48
NA	0.47
NA	0.40
NA	0.38
NA	0.37
NA	0.36
NA	0.24
NA	0.21
NA	0.21
NA	0.20
NA	0.19
NA	0.19
NA	0.17
NA	0.15
NA	0.13
NA	0.12
NA	0.12
NA	0.11
NA	0.11
NA	0.11
NA	0.10
NA	0.09

Table 41: Estimated likelihood of being a bot for the far-right accounts (n=208) *(continued)*

Period 1 %	Period 2 %
NA	0.09
NA	0.07
NA	0.07
NA	0.06
NA	0.04
NA	0.04
NA	0.04
NA	0.03
NA	0.03
NA	0.03
NA	0.02
NA	0.01
NA	0.01
NA	0.01
NA	0.01
NA	0.01
NA	0.01
NA	0.01

In the figure below, we first (left-panel) compare the mean and median of the estimated probabilities of accounts retweeting tweets from four categories of accounts: far-right, journalists, politicians and others. Then (right-panel) we compare the percentage of accounts retweeting the same categories with an estimated probability of being a bot of more than 80%. Overall, we notice that the presence of estimated bots (with a probability of 80% or more) have increased in Period 2 by more than three times over Period 1. But we also observe that far-right accounts seem to be quite surprisingly the category of accounts that is less retweeted by suspected bots. In Period 2, a regular account is estimated to be retweeted by a bot almost 19 times more often than a far-right account while a journalist almost 9 times more often than a far-right account.

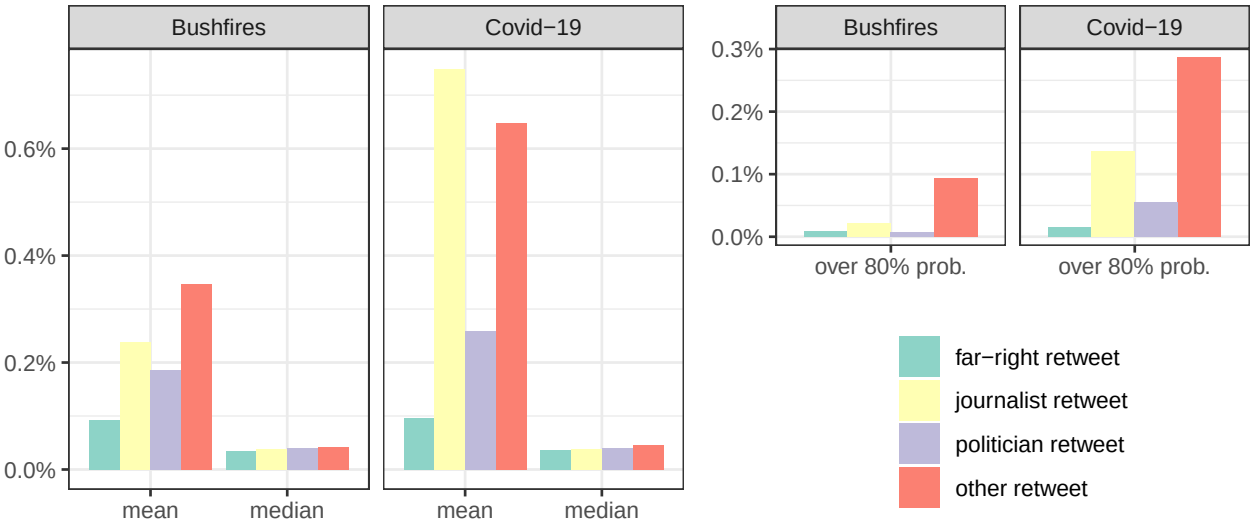


Figure 18: Percentage of retweets from accounts with an high probability of being bots (>80 perc.)

Our Twitter data was not collected in real-time but a few months after the events. Contrary to Facebook's policy, creating a Twitter bot is not against the terms of service. In fact, Twitter encourage some level of automation by giving access to an API to control all the posting functions of an account. And yet, "coordinated activity, that attempts to artificially influence conversations through the use of multiple accounts,

fake accounts, automation and/or scripting" are against Twitter rules. It is then possible that a number of bots were removed from the data before our data was collected. But it is also possible that bots retweeting far-right tweets were also more likely to be suspended by Twitter.

Programmatic coordination

To understand if there is any indication of programmatic coordination to promote specific tweets through a coordinated retweet action we measure the difference in timestamps in the far-right retweet network and in the global retweet network.

Programmatic retweet coordination: Far-right retweet network

We define this network as the network of far-right accounts retweeting the same content. For each pair of far-right accounts connected by a common retweet, we measure the difference in seconds between the two retweets. We would expected a programmatic coordinated use of multiple accounts to retweets the same content within close interval to simulate a high-level of genuine engagement around the content. For each period we observe:

1. The size of the far-right retweet network (number of nodes);
2. The number of retweets by the far-right accounts;
3. The number of ties of the retweet network;
4. The number of simultaneous retweets by far-right accounts (0 second difference);
5. The number of near-simultaneous retweets by far-right accounts (10 or less seconds difference).
6. The distribution of difference in seconds for all the retweets in the far-right network compared to the same distribution measured from a retweet network of 10,000 random accounts.

Period 1

1. The size of the far-right retweet network: 146.
2. Number of retweets by far-right accounts: 7674.
3. Number of ties of the retweet network: 8040
4. Number of simultaneous retweets by far-right accounts: 2
5. Number of near-simultaneous retweets by far-right accounts: 8 (0.0995)

Period 2

1. The size of the far-right retweet network: 191.
2. Number of retweets by far-right accounts: 28203.
3. Number of ties of the retweet network: 14931
4. Number of simultaneous retweets by far-right accounts: 2
5. Number of near-simultaneous retweets by far-right accounts: 14 (0.0938)

Programmatic retweet coordination: Global retweet network

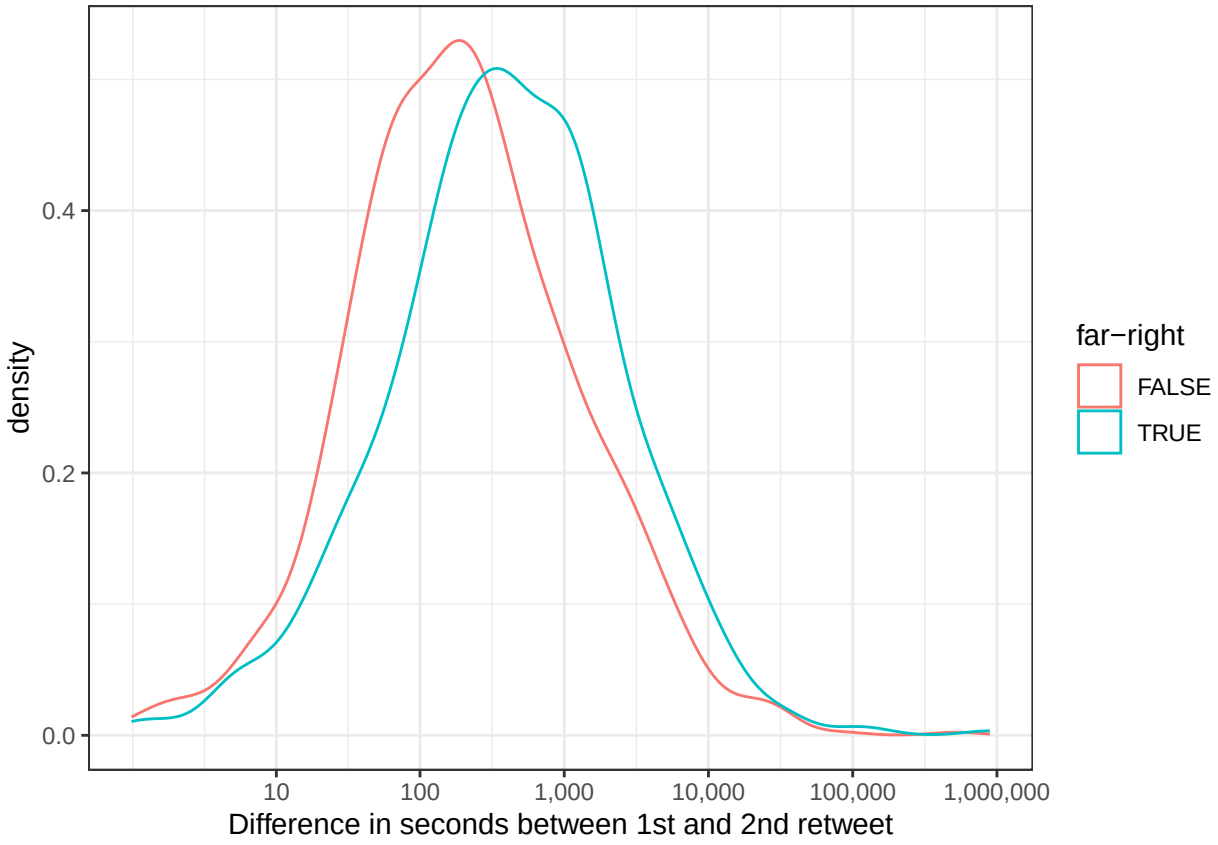
We measure the difference in seconds between reweets of far-right accounts made by any account. We would expect programmatic coordination to boost the engagement around a tweet to be reflected by relatively short time differences between retweets of far-right content. We then compare the distribution of differences for retweets of far-right content to the distribution measured for retweets of random accounts.

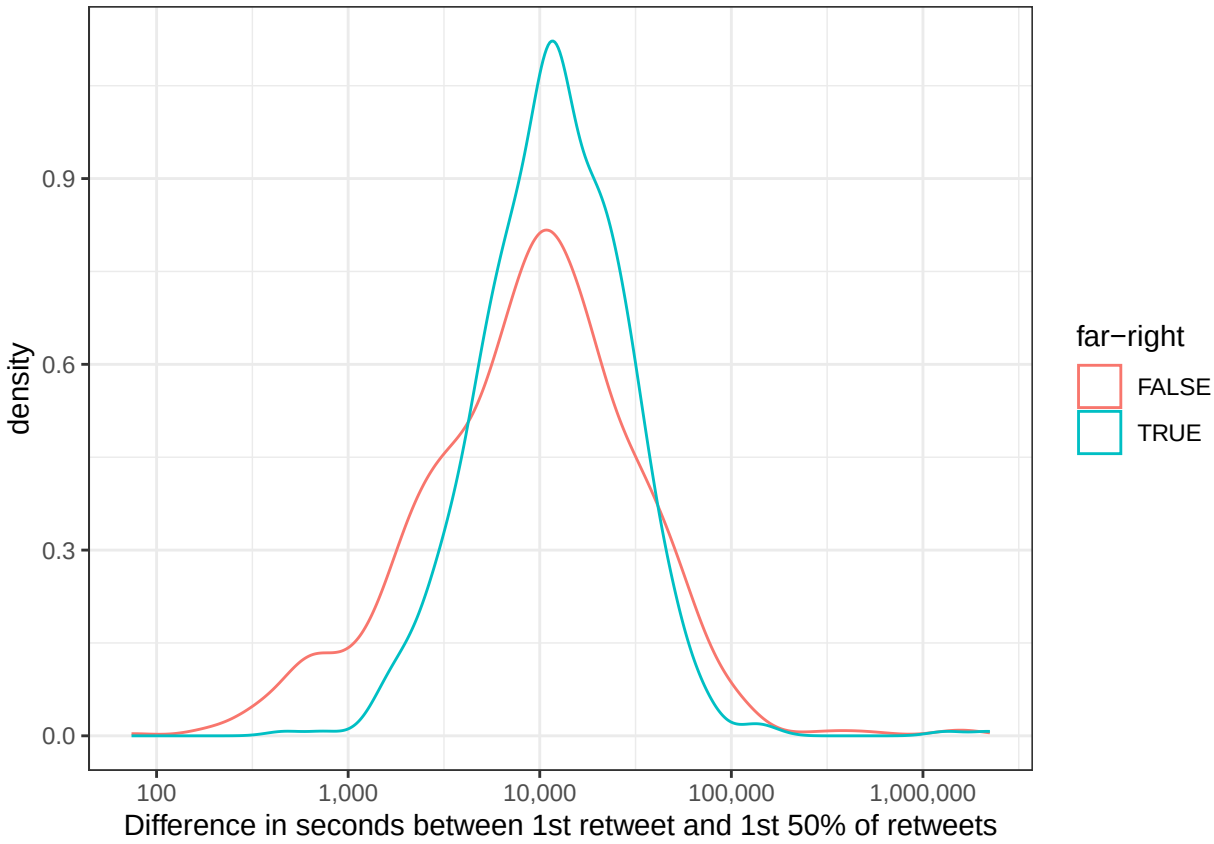
For each period, we observe:

1. The number of retweets of far-right tweets.
2. The distribution of differences in seconds between the first and the second retweet.
3. The distribution of differences in seconds between the time of the first retweet and the time of the first 50% of retweets.

Period 1

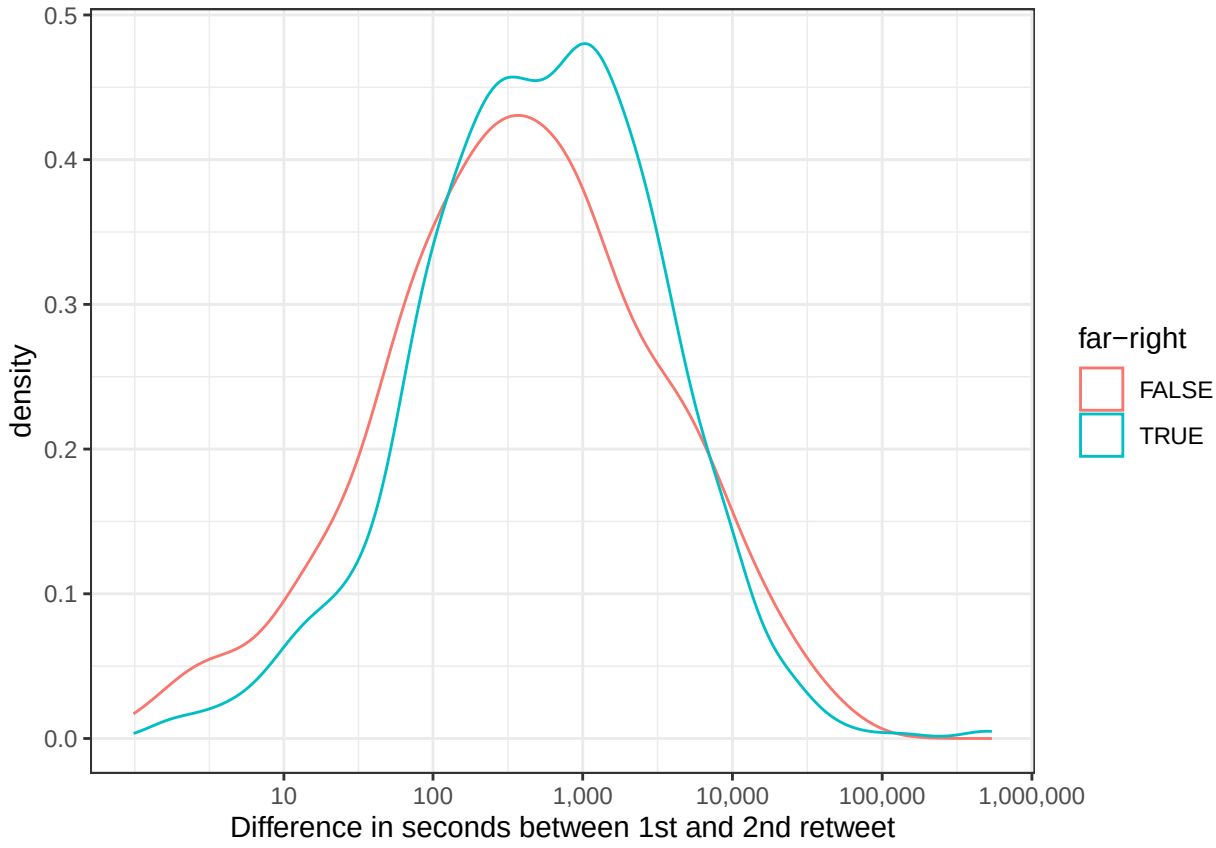
1. The number of retweets of far-right tweets: 7398

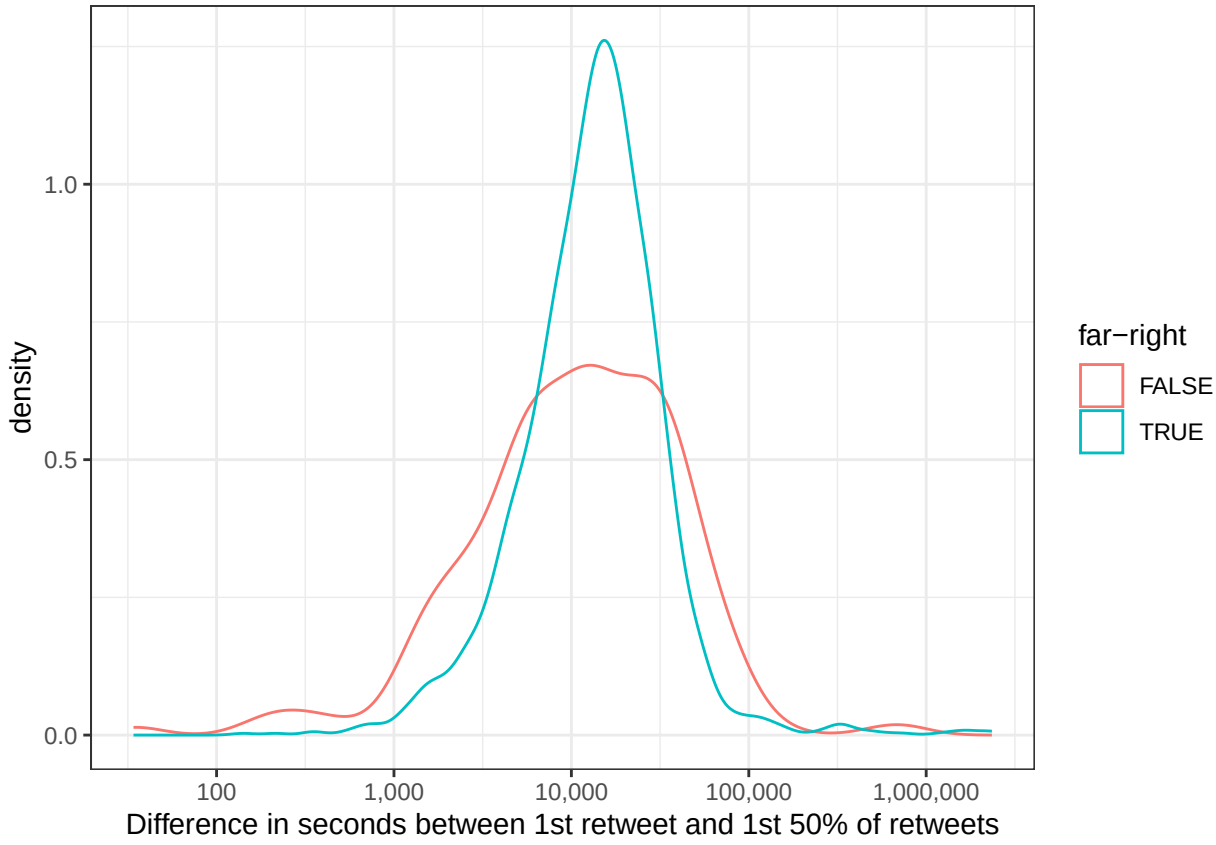




Period 2

1. The number of retweets of far-right tweets: 16052


0.5
0.4
0.3
0.2
0.1
0.0
density
10
100
1,000
10,000
100,000
1,000,000
Difference in seconds between 1st and 2nd retweet
far−right
FALSE
TRUE


1.0
0.5
0.0
density
100
1,000
10,000
100,000
1,000,000
Difference in seconds between 1st retweet and 1st 50% of retweets
far−right
FALSE
TRUE

Programmatic tweet coordination: Same text coordination

We calculate the number of tweets containing the exact same text published by far-right accounts. We observe,

1. How many times same-text messages were posted by far-right accounts;
2. How many unique same-text messages were posted by far-right accounts

Period 1

1. Same-text messages were posted by far-right accounts: 55 (1.1866%).
2. Unique same-text messages were posted by far-right accounts: 19.

Period 2

1. Same-text messages were posted by far-right accounts: 123 (0.9291%).
2. Unique same-text messages were posted by far-right accounts: 51.

Manual coding of far right accounts

Table 42: Codebook for manual coding

	question	mean (excluding NAs)
Q1	Is there a mismatch between the account ‘name‘ and ‘screen_name‘?	26.00
Q2	Is there a mismatch between the account ‘name‘ and ‘url‘?	38.89
Q3	Does the account ‘description‘ provides any biographical information?	4.35
Q4	Is there a mismatch between the account description and the ‘location‘?	4.00
Q5	Does the account has been tweeting about only a single topic (if more than one tweet it available)?	10.64
Q6	Does the account ‘profile_image‘ (https://twitter.com/BarackObama/photo) is found anywhere else on the web (excluding when linked to the same identity/person)?	39.13
Q7	Does the account ‘profile_banner‘ (https://twitter.com/BarackObama/header_photo) is found anywhere else on the web?	26.09

The inauthenticity scores are calculated summing the responses indicating potential inauthenticity and then dividing by the number of features in the codebook (seven) or the number of responses that could be answered (because information was available).

- Mean inauthenticity score: 16.834 %
- Mean inauthenticity score (weighted excluding NAs): 23.448 %

Table 43: Results from manual coding a sample of 50 far-right accounts

q1	q2	q3	q4	q5	q6	q7	Answered %	Score %	Weigh. score %
Yes	There’s no ‘url‘ information	No	No	No	Account is not online anymore	Account in not online anymore	57.14	50.00	87.50
Yes	There’s no ‘url‘ information	Yes	No	Yes	Account is not online anymore	Account in not online anymore	57.14	50.00	87.50
No	There’s no ‘url‘ information	NA	Yes	No	Yes	Yes	71.43	60.00	84.00
Yes	There’s no ‘url‘ information	Yes	No	Yes	Yes	Yes	85.71	66.67	77.79
Yes	There’s no ‘url‘ information	Yes	No	No	Yes	Yes	85.71	50.00	58.34
Yes	Yes	Yes	No	No	Account is not online anymore	Account in not online anymore	71.43	40.00	56.00

Table 43: Results from manual coding a sample of 50 far-right accounts *(continued)*

q1	q2	q3	q4	q5	q6	q7	Answered %	Score %	Weigh. score %
No	Yes	No	No	No	Account is not online anymore	Account in not online anymore	71.43	40.00	56.00
Yes	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	25.00	43.75
Yes	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	25.00	43.75
No	There's no 'url' information	Yes	No	Yes	Account is not online anymore	Account in not online anymore	57.14	25.00	43.75
Yes	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	25.00	43.75
Yes	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	25.00	43.75
Yes	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	25.00	43.75
Yes	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	25.00	43.75
No	No	Yes	No	Yes	Yes	Yes	100.00	42.86	42.86
No	There's no 'url' information	Yes	No	No	Yes	Yes	85.71	33.33	38.89
No	Yes	NA	Yes	No	No	No	85.71	33.33	38.89
Yes	There's no 'url' information	Yes	No	No	No	Yes	85.71	33.33	38.89
No	Yes	Yes	No	No	Yes	No	100.00	28.57	28.57
No	Yes	Yes	No	No	Account is not online anymore	Account in not online anymore	71.43	20.00	28.00
No	Yes	Yes	No	No	Account is not online anymore	Account in not online anymore	71.43	20.00	28.00
No	Yes	Yes	No	No	Account is not online anymore	Account in not online anymore	71.43	20.00	28.00
Yes	No	Yes	No	Only one tweet available	No	No	85.71	16.67	19.45

Table 43: Results from manual coding a sample of 50 far-right accounts *(continued)*

q1	q2	q3	q4	q5	q6	q7	Answered %	Score %	Weigh. score %
No	There's no 'url' information	Yes	No	No	Yes	No	85.71	16.67	19.45
No	There's no 'url' information	Yes	No	No	Yes	No	85.71	16.67	19.45
No	No	Yes	No	No	Yes	No	100.00	14.29	14.29
No	No	Yes	No	Yes	No	No	100.00	14.29	14.29
No	There's no 'url' information	Yes	No	No	No	No	85.71	0.00	0.00
No	There's no 'url' information	NA	No	No	No	No	71.43	0.00	0.00
No	No	Yes	No	No	Account is not online anymore	Account in not online anymore	71.43	0.00	0.00
No	There's no 'url' information	Yes	No	No	No	No	85.71	0.00	0.00
No	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	0.00	0.00
No	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	0.00	0.00
No	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	0.00	0.00
No	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	0.00	0.00
No	No	Yes	No	No	No	No	100.00	0.00	0.00
No	There's no 'url' information	Yes	No	Only one tweet available	No	No	71.43	0.00	0.00
No	No	NA	No	No	No	No	85.71	0.00	0.00
No	There's no 'url' information	Yes	No	Only one tweet available	No	No	71.43	0.00	0.00
No	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	0.00	0.00
No	No	Yes	No	No	No	No	100.00	0.00	0.00
No	There's no 'url' information	Yes	No	No	No	No	85.71	0.00	0.00
No	There's no 'url' information	Yes	No	No	No	No	85.71	0.00	0.00

Table 43: Results from manual coding a sample of 50 far-right accounts *(continued)*

q1	q2	q3	q4	q5	q6	q7	Answered %	Score %	Weigh. score %
No	No	Yes	No	No	Account is not online anymore	Account in not online anymore	71.43	0.00	0.00
No	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	0.00	0.00
No	No	Yes	No	No	Account is not online anymore	Account in not online anymore	71.43	0.00	0.00
No	No	Yes	No	No	Account is not online anymore	Account in not online anymore	71.43	0.00	0.00
No	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	0.00	0.00
No	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	0.00	0.00
No	There's no 'url' information	Yes	No	No	Account is not online anymore	Account in not online anymore	57.14	0.00	0.00