Data Appendix

Measuring and understanding parties' anti-elite strategies

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A Included parliamentary configurations

Table S.1 reports the parliamentary configurations we have considered to construct our sample of parties. We based our selection on the *Parliaments and Government Database* (ParlGov) (Döring and Manow, 2019) as of November 26, 2019.

In each country-specific panel, Table S.1 reports the parliamentary configuration(s) that emerged from a given election, the parties with parliamentary representation in the given parliament, and their number of seats. Underlined parties were in cabinet Bold and underlined parties sponsored the prime minister in a given configuration. We report information on the tweets we have collected for parties in these parliamentary configurations in the last group of columns.

We have also collected the tweets of parties without parliamentary representation before their (re)entry into parliament. Table S.2 reports statistics for these cases.

Moreover, we compiled information on parliamentary configurations missing in the ParlGov database when we queried it in November 2019. These cases are listed in Table S.3.

Table S.1: Parties in parliamentary configurations by country and election. Part names listed only if (i) the party had at least one seat in parliament *and* (ii) it was tweeting at least once in the duration of the respective parliamentary configuration. Party marked bold if it sponsored the prime minister in the given configuration, underlined if it was in government.

			Recorded parties		**Parl. configuration**		**Tweets recorded**		
Country	Election date	Seats	*N*	Names (seats)	Start	End	*N*	First	Last
AUS	2007-11-24	150	2	**ALP** (83), LPA (55)	2007-12-03	2010-06-23	273	2009-06-14	2010-06-08
	2007-11-24	150	2	**ALP** (83), LPA (55)	2010-06-24	2010-08-20	155	2010-06-24	2010-08-19
	2010-08-21	150	3	**ALP** (72), LNPQ (21), AG (1)	2010-08-21	2010-09-13	45	2010-08-21	2010-09-13
	2010-08-21	150	6	**ALP** (72), LPA (44), LNPQ (21), NCP|NPA (7), AG (1), CouLP (1)	2010-09-14	2013-06-26	2321	2010-09-14	2013-06-26
	2010-08-21	150	6	**ALP** (72), LPA (44), LNPQ (21), NCP|NPA (7), AG (1), CouLP (1)	2013-06-27	2013-09-06	310	2013-06-27	2013-09-05
	2013-09-07	150	5	LNPQ (22), NCP|NPA (9), AG (1), Katter (1), PUP (1)	2013-09-07	2013-09-17	43	2013-09-07	2013-09-17
	2013-09-07	150	8	**LPA** (58), ALP (55), LNPQ (22), NCP|NPA (9), Katter (2), AG (1), CouLP (1), PUP (1)	2013-09-18	2015-09-14	2679	2013-09-19	2015-09-14
	2013-09-07	150	8	**LPA** (58), ALP (55), LNPQ (22), NCP|NPA (9), Katter (2), AG (1), CouLP (1), PUP (1)	2015-09-15	2016-07-01	1379	2015-09-15	2016-06-30
	2016-07-02	150	4	ALP (69), **LPA** (45), Katter (2), AG (1)	2016-07-02	2016-07-18	85	2016-07-02	2016-07-18
	2016-07-02	150	7	ALP (69), **LPA** (45), LNPQ (21), NCP|NPA (10), Katter (2), AG (1), NXT (1)	2016-07-19	2018-08-23	1610	2016-07-19	2018-08-23
	2016-07-02	150	7	ALP (69), **LPA** (45), LNPQ (21), NCP|NPA (10), Katter (2), AG (1), NXT (1)	2018-08-24	2018-11-04	185	2018-08-24	2018-11-04
	2016-07-02	150	7	ALP (69), **LPA** (45), LNPQ (21), NCP|NPA (10), Katter (2), AG (1), NXT (1)	2018-11-05	2019-05-17	734	2018-11-05	2019-05-17
	2019-05-18	151	6	ALP (68), **LPA** (44), LNPQ (23), NCP|NPA (10), AG (1), NXT (1)	2019-05-18	2019-05-25	34	2019-05-18	2019-05-24
	2019-05-18	151	7	ALP (68), **LPA** (44), LNPQ (23), NCP|NPA (10), Katter (2), AG (1), NXT (1)	2019-05-26		693	2019-05-27	2020-03-08

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Table S.1: Parties in parliamentary configurations by country and election. Part names listed only if (i) the party had at least one seat in parliament *and* (ii) it was tweeting at least once in the duration of the respective parliamentary configuration. Party marked bold if it sponsored the prime minister in the given configuration, underlined if it was in government. *(continued)*

Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
AUT	2008-09-28	183	3	**SPO** (57), FPO (34), Gruene (20)	2008-12-02	2013-02-23	2872	2010-02-24	2013-02-22
	2008-09-28	183	4	**SPO** (57), OVP (51), FPO (34), Gruene (20)	2013-02-24	2013-09-28	1212	2013-02-24	2013-09-28
	2013-09-29	183	5	**SPO** (52), OVP (47), FPO (40), Gruene (24), NEOS (9)	2013-09-29	2013-12-15	383	2013-09-29	2013-12-15
	2013-09-29	183	5	FPO (80), **SPO** (52), OVP (47), Gruene (24), NEOS (9)	2013-12-16	2016-05-16	8536	2013-12-16	2016-05-16
	2013-09-29	183	5	FPO (80), **SPO** (52), OVP (47), Gruene (24), NEOS (9)	2016-05-17	2017-10-14	4544	2016-05-17	2017-10-14
	2017-10-15	183	4	OVP (62), **SPO** (52), FPO (51), NEOS (10)	2017-10-15	2017-12-17	549	2017-10-15	2017-12-17
	2017-10-15	183	4	**OVP** (62), SPO (52), FPO (51), NEOS (10)	2017-12-18	2019-06-02	5074	2017-12-18	2019-06-02
	2017-10-15	183	4	OVP (62), SPO (52), FPO (51), NEOS (10)	2019-06-03	2019-09-28	1979	2019-06-03	2019-09-28
	2019-09-29	183	4	**OVP** (71), SPO (40), Gruene (26), NEOS (15)	2019-09-29	2020-01-06	672	2019-09-29	2020-01-06
	2019-09-29	183	5	**OVP** (71), SPO (40), FPO (31), Gruene (26), NEOS (15)	2020-01-07		1528	2020-01-07	2021-03-29

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
	2007-06-10	150	1	AGL-Gr (4)	2008-10-14	2008-12-29	1	2008-12-05	2008-12-05
	2007-06-10	150	6	**CVP** (23), PVV|VLD (18), VB (17), Ecolo (8), N-VA (7), AGL-Gr (4)	2008-12-30	2009-11-24	673	2009-02-07	2009-11-24
	2007-06-10	150	7	**CVP** (23), MR (23), PVV|VLD (18), VB (17), Ecolo (8), N-VA (7), AGL-Gr (4)	2009-11-25	2010-06-12	728	2009-11-25	2010-06-11
	2010-06-13	150	9	N-VA (27), MR (18), **CVP** (17), PVV|VLD (13), SP (13), VB (12), PSC-CDH (9), Ecolo (8), AGL-Gr (5)	2010-06-13	2011-09-24	1234	2010-06-13	2011-09-24
	2010-06-13	150	9	PS (26), **CVP** (17), MR (15), PVV|VLD (13), SP (13), VB (12), Ecolo (8), AGL-Gr (5), FDF (3)	2011-09-25	2011-12-05	426	2011-09-25	2011-12-05
	2010-06-13	150	12	N-VA (27), **PS** (26), CVP (17), MR (15), PVV|VLD (13), SP (13), VB (12), PSC-CDH (9), Ecolo (8), AGL-Gr (5), FDF (3), Pp (1)	2011-12-06	2014-05-24	5677	2011-12-06	2014-05-23
BEL	2014-05-25	150	13	N-VA (33), **PS** (23), MR (20), CVP (18), PVV|VLD (14), SP (13), PSC-CDH (9), AGL-Gr (6), Ecolo (6), PA-PTB (4), VB (3), FDF (2), Pp (1)	2014-05-25	2014-10-10	2083	2014-05-25	2014-10-10
	2014-05-25	150	13	N-VA (33), PS (23), **MR** (20), CVP (18), PVV|VLD (14), SP (13), PSC-CDH (9), AGL-Gr (6), Ecolo (6), PA-PTB (4), VB (3), FDF (2), Pp (1)	2014-10-11	2018-12-08	34987	2014-10-11	2018-12-08
	2014-05-25	150	13	N-VA (33), PS (23), **MR** (20), CVP (18), PVV|VLD (14), SP (13), PSC-CDH (9), AGL-Gr (6), Ecolo (6), PA-PTB (4), VB (3), FDF (2), Pp (1)	2018-12-09	2019-05-25	2737	2018-12-09	2019-05-25
	2019-05-26	150	11	N-VA (25), PA-PTB (24), PS (20), VB (18), **MR** (14), Ecolo (13), CVP (12), PVV|VLD (12), SP (9), AGL-Gr (8), PSC-CDH (5)	2019-05-26		3465	2019-05-26	2020-03-08

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
CAN	2008-10-14	308	3	LP (77), BQ (49), CCF|NDP (37)	2008-10-30	2011-05-01	612	2009-02-19	2011-05-01
	2011-05-02	308	5	**CPC** (332), CCF|NDP (103), LP (34), BQ (4), GPC (1)	2011-05-02	2015-10-18	7661	2011-05-02	2015-10-18
	2015-10-19	338	5	**CPC** (198), LP (184), CCF|NDP (44), BQ (10), GPC (1)	2015-10-19	2015-11-03	130	2015-10-19	2015-11-03
	2015-10-19	338	5	CPC (198), **LP** (184), CCF|NDP (44), BQ (10), GPC (1)	2015-11-04	2019-10-18	13446	2015-11-04	2019-10-18
	2019-10-19	338	3	CPC (121), BQ (32), CCF|NDP (24)	2019-10-19	2019-11-03	112	2019-10-19	2019-11-01
	2019-10-19	338	5	CPC (242), **LP** (157), BQ (32), CCF|NDP (24), GPC (3)	2019-11-04		2892	2019-11-04	2021-03-30
	2007-10-21	200	7	SP-PS (43), KK/CVP (31), Grue (20), BDP (4), GPL-PVL (3), EVP-PEP (2), EDU-UDF (1)	2008-12-10	2011-10-22	1156	2009-03-05	2011-10-21
	2011-10-23	200	5	SP-PS (46), KK/CVP (28), Grue (15), GPL-PVL (12), EVP-PEP (2)	2011-10-23	2011-12-13	114	2011-10-23	2011-12-13
	2011-10-23	200	9	SVP-UDC (54), SP-PS (46), KK/CVP (28), Grue (15), GPL-PVL (12), BDP (9), EVP-PEP (2), LdT (2), MCR (1)	2011-12-14	2015-10-17	4563	2011-12-14	2015-10-16
CHE	2015-10-18	200	8	SVP-UDC (65), SP-PS (43), KK/CVP (27), Grue (11), BDP (7), GPL-PVL (7), EVP-PEP (2), LdT (2)	2015-10-18	2015-12-08	316	2015-10-18	2015-12-08
	2015-10-18	200	8	SVP-UDC (65), SP-PS (43), KK/CVP (27), Grue (11), BDP (7), GPL-PVL (7), EVP-PEP (2), LdT (2)	2015-12-09	2019-10-19	8806	2015-12-09	2019-10-19
	2019-10-20	200	8	SVP-UDC (53), SP-PS (39), FDP (29), Grue (28), KK/CVP (25), GPL-PVL (16), BDP (3), EVP-PEP (3)	2019-10-20	2019-12-10	335	2019-10-20	2019-12-10
	2019-10-20	200	8	SVP-UDC (53), SP-PS (39), FDP (29), Grue (28), KK/CVP (25), GPL-PVL (16), BDP (3), EVP-PEP (3)	2019-12-11		544	2019-12-11	2020-03-08

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
DEU	2005-09-18	614	5	**CDU+CSU** (226), SPD (222), FDP (61), Li/PDS (54), B90/Gru (51)	2005-11-22	2009-09-26	536	2008-05-01	2009-09-25
	2009-09-27	622	4	**CDU+CSU** (239), SPD (146), Li/PDS (76), B90/Gru (68)	2009-09-27	2009-10-27	68	2009-09-27	2009-10-25
	2009-09-27	622	5	**CDU+CSU** (239), SPD (146), FDP (93), Li/PDS (76), B90/Gru (68)	2009-10-28	2011-03-02	1249	2009-10-28	2011-02-28
	2009-09-27	622	5	**CDU+CSU** (238), SPD (146), FDP (93), Li/PDS (76), B90/Gru (68)	2011-03-03	2011-05-26	261	2011-03-03	2011-05-25
	2009-09-27	622	5	**CDU+CSU** (237), SPD (146), FDP (93), Li/PDS (76), B90/Gru (68)	2011-05-27	2013-09-21	2703	2011-05-27	2013-09-20
	2013-09-22	631	4	**CDU+CSU** (311), SPD (193), Li/PDS (64), B90/Gru (63)	2013-09-22	2013-10-21	80	2013-09-22	2013-10-20
	2013-09-22	631	4	**CDU+CSU** (311), SPD (193), Li/PDS (64), B90/Gru (63)	2013-10-22	2013-12-16	132	2013-10-22	2013-12-16
	2013-09-22	631	4	**CDU+CSU** (311), SPD (193), Li/PDS (64), B90/Gru (63)	2013-12-17	2017-09-23	3917	2013-12-17	2017-09-22
	2017-09-24	709	6	**CDU+CSU** (246), SPD (153), AfD (94), FDP (80), Li/PDS (69), B90/Gru (67)	2017-09-24	2018-03-13	1913	2017-09-24	2018-03-13
	2017-09-24	709	6	**CDU+CSU** (246), SPD (153), AfD (94), FDP (80), Li/PDS (69), B90/Gru (67)	2018-03-14		10362	2018-03-14	2020-03-08

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
	2005-02-08	179	1	KF (18)	2005-02-18	2007-11-12	38	2007-08-21	2007-11-11
	2007-11-13	179	1	KF (18)	2007-11-13	2007-11-22	6	2007-11-13	2007-11-14
	2007-11-13	179	1	RV (9)	2008-02-08	2009-04-04	103	2008-04-22	2009-04-04
	2007-11-13	179	8	**V** (47), Sd (45), SF (23), KF (18), RV (9), En-O (4), NLA (4), Sbf (1)	2009-04-05	2011-09-14	1904	2009-04-05	2011-09-14
DNK	2011-09-15	179	7	**V** (47), Sd (44), SF (16), En-O (12), NLA (9), KF (8), Sbf (1)	2011-09-15	2011-10-01	45	2011-09-15	2011-10-01
	2011-09-15	179	10	V (47), **Sd** (44), DF (22), RV (17), SF (16), En-O (12), NLA (9), KF (8), Sbf (1), Si (1)	2011-10-02	2014-02-02	2223	2011-10-02	2014-02-02
	2011-09-15	179	9	V (47), **Sd** (44), DF (22), RV (17), SF (16), En-O (12), NLA (9), KF (8), Si (1)	2014-02-03	2015-06-17	1866	2014-02-03	2015-06-16
	2015-06-18	179	9	**Sd** (47), DF (37), V (34), En-O (14), NLA (13), A (9), RV (8), SF (7), KF (6)	2015-06-18	2015-06-27	158	2015-06-18	2015-06-27
	2015-06-18	179	11	Sd (47), DF (37), **V** (34), En-O (14), NLA (13), A (9), RV (8), SF (7), KF (6), IA (1), Si (1)	2015-06-28	2016-11-27	5143	2015-06-28	2016-11-27
	2015-06-18	179	11	Sd (47), DF (37), **V** (34), En-O (14), NLA (13), A (9), RV (8), SF (7), KF (6), IA (1), Si (1)	2016-11-28		9582	2016-11-28	2020-03-08

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
ESP	2004-03-14	350	1	CA (1)	2004-04-17	2008-03-08	40	2008-01-17	2008-03-06
	2008-03-09	350	9	**PSOE** (169), AP-P (154), PNV (6), ERC (3), BNG (2), CC (2), PCE|IU (2), Bai (1), UPyD (1)	2008-04-12	2011-11-19	9735	2008-05-18	2011-11-18
	2011-11-20	350	9	AP-P (186), **PSOE** (110), PCE|IU (11), PNV (5), UPyD (5), ERC (3), BNG (2), CC (2), Bai (1)	2011-11-20	2011-12-20	316	2011-11-20	2011-12-20
	2011-11-20	350	10	**AP-P** (186), PSOE (110), PCE|IU (11), EA (7), PNV (5), UPyD (5), ERC (3), BNG (2), CC (2), Bai (1)	2011-12-21	2015-12-19	30082	2011-12-21	2015-12-19
	2015-12-20	350	12	**AP-P** (123), PSOE (90), P (42), C-PC (40), ECP (12), C|AV (9), ERC (9), EM (6), PNV (6), EHB (2), PCE|IU (2), CC (1)	2015-12-20	2016-06-25	27740	2015-12-20	2016-06-25
	2016-06-26	350	11	**AP-P** (137), PSOE (85), P (45), C-PC (32), ECP (12), C|AV (9), ERC (9), EM (5), PNV (5), EHB (2), CC (1)	2016-06-26	2016-10-28	16084	2016-06-26	2016-10-28
	2016-06-26	350	11	**AP-P** (137), PSOE (85), P (45), C-PC (32), ECP (12), C|AV (9), ERC (9), EM (5), PNV (5), EHB (2), CC (1)	2016-10-29	2018-06-01	70197	2016-10-29	2018-06-01
	2016-06-26	350	11	AP-P (137), **PSOE** (85), P (45), C-PC (32), ECP (12), C|AV (9), ERC (9), EM (5), PNV (5), EHB (2), CC (1)	2018-06-02	2019-04-27	33316	2018-06-02	2019-04-27
	2019-04-28	350	11	**PSOE** (123), AP-P (66), C-PC (57), Vox (24), ERC (15), ECP (7), JxCat (7), PNV (6), EHB (4), CC (2), NA+ (2)	2019-04-28	2019-11-09	13618	2019-04-28	2019-11-09
	2019-11-10	350	14	AP-P (89), Vox (52), ERC (13), C-PC (10), JxCat (8), PNV (6), EHB (5), MP (3), CC (2), CUP (2), NA+ (2), BNG (1), PRC (1), TE (1)	2019-11-10	2020-01-06	3427	2019-11-10	2020-01-06
	2019-11-10	350	15	**PSOE** (120), AP-P (89), Vox (52), ERC (13), C-PC (10), JxCat (8), PNV (6), EHB (5), MP (3), CC (2), CUP (2), NA+ (2), BNG (1), PRC (1), TE (1)	2020-01-07		14934	2020-01-07	2021-03-30

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
FIN	2007-03-18	200	6	**KESK** (51), KOK (50), SSDP (45), DL|VAS (17), VIHR (15), KD (7)	2007-04-19	2010-06-21	1237	2009-02-19	2010-06-21
	2007-03-18	200	7	**KESK** (51), KOK (50), SSDP (45), DL|VAS (17), VIHR (15), RKP-SFP (9), KD (7)	2010-06-22	2011-04-16	1084	2010-06-22	2011-04-15
	2011-04-17	200	7	KOK (44), SSDP (42), **KESK** (35), DL|VAS (14), VIHR (10), RKP-SFP (9), KD (6)	2011-04-17	2011-06-21	224	2011-04-17	2011-06-21
	2011-04-17	200	4	**KOK** (44), SSDP (42), RKP-SFP (9), KD (6)	2011-06-22	2011-09-07	116	2011-06-22	2011-09-07
	2011-04-17	200	8	**KOK** (44), SSDP (42), SP|P (39), KESK (35), DL|VAS (12), VIHR (10), RKP-SFP (9), KD (6)	2011-09-08	2014-03-24	3188	2011-09-08	2014-03-24
	2011-04-17	200	8	**KOK** (44), SSDP (42), SP|P (39), KESK (35), DL|VAS (12), VIHR (10), RKP-SFP (9), KD (6)	2014-03-25	2014-06-23	469	2014-03-26	2014-06-23
	2011-04-17	200	8	**KOK** (44), SSDP (42), SP|P (39), KESK (35), DL|VAS (12), VIHR (10), RKP-SFP (9), KD (6)	2014-06-24	2014-09-19	374	2014-06-24	2014-09-19
	2011-04-17	200	8	**KOK** (44), SSDP (42), SP|P (39), KESK (35), DL|VAS (12), VIHR (10), RKP-SFP (9), KD (6)	2014-09-20	2015-04-18	1300	2014-09-22	2015-04-17
	2015-04-19	200	8	KESK (49), SP|P (38), **KOK** (37), SSDP (34), VIHR (15), DL|VAS (12), RKP-SFP (9), KD (5)	2015-04-19	2015-05-28	263	2015-04-19	2015-05-28
	2015-04-19	200	8	**KESK** (49), SP|P (38), KOK (37), SSDP (34), VIHR (15), DL|VAS (12), RKP-SFP (9), KD (5)	2015-05-29	2017-06-12	6373	2015-05-29	2017-06-12
	2015-04-19	200	9	**KESK** (49), KOK (37), SSDP (34), UV|SIN (20), SP|P (18), VIHR (15), DL|VAS (12), RKP-SFP (9), KD (5)	2017-06-13	2019-04-13	8473	2017-06-13	2019-04-13
	2019-04-14	200	8	SSDP (40), SP|P (39), KOK (38), **KESK** (31), VIHR (20), DL|VAS (16), RKP-SFP (9), KD (5)	2019-04-14		3288	2019-04-14	2020-03-08

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Table S.1: Parties in parliamentary configurations by country and election. Part names listed only if (i) the party had at least one seat in parliament *and* (ii) it was tweeting at least once in the duration of the respective parliamentary configuration. Party marked bold if it sponsored the prime minister in the given configuration, underlined if it was in government. *(continued)*

Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
	2007-06-17	577	3	**UMP|LR** (320), PS (204), NC (23)	2007-06-26	2010-11-13	688	2009-03-19	2010-11-10
FRA	2007-06-17	577	3	**UMP|LR** (320), PS (204), NC (23)	2010-11-14	2012-05-14	1156	2010-11-14	2012-05-11
	2007-06-17	577	3	UMP|LR (320), **PS** (204), NC (23)	2012-05-15	2012-06-16	101	2012-05-15	2012-06-15
	2012-06-17	577	2	AC (2), UDF|MD (2)	2012-06-17	2012-06-17	10	2012-06-17	2012-06-17
	2012-06-17	577	4	V (17), NC (12), FN (2), UDF|MD (2)	2012-06-18	2012-06-25	25	2012-06-18	2012-06-25
	2012-06-17	577	4	**PS** (292), UMP|LR (199), UDI (30), V (17)	2012-06-26	2014-03-30	1941	2012-06-26	2014-03-30
	2012-06-17	577	4	**PS** (292), UMP|LR (199), UDI (30), V (17)	2014-03-31	2014-08-25	450	2014-04-01	2014-08-25
	2012-06-17	577	4	PS (292), UMP|LR (199), UDI (30), V (17)	2014-08-26	2016-02-10	1658	2014-08-26	2016-02-10
	2012-06-17	577	4	**PS** (292), UMP|LR (199), UDI (30), V (17)	2016-02-11	2016-12-05	1311	2016-02-11	2016-12-05
	2012-06-17	577	4	**PS** (292), UMP|LR (199), UDI (30), V (17)	2016-12-06	2017-06-13	843	2016-12-07	2017-06-13
	2012-06-17	577	3	PS (292), **UMP|LR** (199), UDI (30)	2017-06-14	2017-06-17	11	2017-06-14	2017-06-16
	2017-06-18	577	8	**UMP|LR** (112), UDF|MD (42), PS (30), UDI (18), FI (17), PCF (10), FN (8), V (1)	2017-06-18	2017-06-20	129	2017-06-18	2017-06-20
	2017-06-18	577	11	REM (308), **UMP|LR** (112), UDF|MD (42), PS (30), UDI (18), FI (17), PCF (10), FN (8), PRG (3), DLR|DLF (1), V (1)	2017-06-21		20529	2017-06-21	2020-03-08

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Table S.1: Parties in parliamentary configurations by country and election. Part names listed only if (i) the party had at least one seat in parliament *and* (ii) it was tweeting at least once in the duration of the respective parliamentary configuration. Party marked bold if it sponsored the prime minister in the given configuration, underlined if it was in government. *(continued)*

Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
	2005-05-05	646	1	Lib (62)	2005-05-06	2007-06-26	20	2007-05-04	2007-05-04
	2005-05-05	646	9	**Lab** (355), Con (198), Lib (62), DUP (9), SNP (6), SF (5), Plaid (3), SDLP (3), UUP (1)	2007-06-27	2010-05-05	3062	2007-11-08	2010-05-04
	2010-05-06	650	5	Con (307), Lib (57), DUP (8), SF (5), Plaid (3)	2010-05-06	2010-05-10	21	2010-05-06	2010-05-10
GBR	2010-05-06	650	9	**Con** (307), Lab (258), Lib (57), DUP (8), SNP (6), SF (5), Plaid (3), SDLP (3), GP (1)	2010-05-11	2015-05-06	11569	2010-05-11	2015-05-05
	2015-05-07	650	1	DUP (8)	2015-05-07	2015-05-07	2	2015-05-07	2015-05-07
	2015-05-07	650	11	**Con** (331), Lab (232), SNP (56), DUP (8), Lib (8), SF (4), Plaid (3), SDLP (3), UUP (2), GP (1), UKIP (1)	2015-05-08	2016-07-12	3708	2015-05-08	2016-07-12
	2015-05-07	650	11	**Con** (331), Lab (232), SNP (56), DUP (8), Lib (8), SF (4), Plaid (3), SDLP (3), UUP (2), GP (1), UKIP (1)	2016-07-13	2017-06-07	3009	2016-07-13	2017-06-06
	2017-06-08	650	4	**Con** (318), Lab (262), DUP (10), Plaid (4)	2017-06-08	2017-06-10	49	2017-06-08	2017-06-10
	2017-06-08	650	8	**Con** (318), Lab (262), SNP (35), Lib (12), DUP (10), SF (7), Plaid (4), GP (1)	2017-06-11		13316	2017-06-12	2020-03-08

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
GRC	2007-09-16	300	4	**ND** (152), PASOK (102), SYRIZA (14), LAOS (10)	2007-10-01	2009-10-03	437	2007-11-29	2009-10-02
	2009-10-04	300	2	PASOK (160), **ND** (91)	2009-10-04	2009-10-05	4	2009-10-04	2009-10-05
	2009-10-04	300	4	**PASOK** (160), ND (91), LAOS (15), SYRIZA (13)	2009-10-06	2011-11-10	676	2009-10-06	2011-11-02
	2009-10-04	300	3	PASOK (160), ND (91), LAOS (15)	2011-11-11	2012-05-05	359	2011-11-14	2012-05-04
	2012-05-06	300	5	ND (108), SYRIZA (52), PASOK (41), ANEL (33), DIMAR (19)	2012-05-16	2012-06-16	200	2012-05-30	2012-06-15
	2012-06-17	300	2	SYRIZA (71), DIMAR (17)	2012-06-17	2012-06-19	5	2012-06-17	2012-06-19
	2012-06-17	300	5	**ND** (129), SYRIZA (71), PASOK (33), ANEL (20), DIMAR (17)	2012-06-20	2013-06-24	850	2012-06-20	2013-06-15
	2012-06-17	300	5	**ND** (129), SYRIZA (71), PASOK (33), ANEL (20), DIMAR (17)	2013-06-25	2015-01-24	1481	2013-06-25	2015-01-23
	2015-01-25	300	1	SYRIZA (149)	2015-01-25	2015-01-26	4	2015-01-25	2015-01-26
	2015-01-25	300	5	**SYRIZA** (149), ND (76), TP (17), ANEL (13), PASOK (13)	2015-01-27	2015-08-20	630	2015-01-27	2015-08-20
	2015-01-25	300	6	**SYRIZA** (124), ND (76), LE (25), TP (17), ANEL (13), PASOK (13)	2015-08-21	2015-09-19	141	2015-08-21	2015-09-18
	2015-09-20	300	5	**SYRIZA** (145), ND (75), TP (11), ANEL (10), EK (9)	2015-09-20	2015-09-20	29	2015-09-20	2015-09-20
	2015-09-20	300	6	**SYRIZA** (145), ND (75), PASOK (17), TP (11), ANEL (10), EK (9)	2015-09-21	2019-01-12	11633	2015-09-21	2019-01-12
	2015-09-20	300	7	**SYRIZA** (145), ND (75), PASOK (17), KKE (15), TP (10), EK (8), ANEL (5)	2019-01-13		3957	2019-01-13	2021-03-30
	2007-05-24	166	1	Lab (20)	2007-05-24	2007-06-13	1	2007-06-11	2007-06-11
IRL	2007-05-24	166	1	Lab (20)	2007-06-14	2008-05-06	58	2007-10-12	2008-04-23
	2007-05-24	166	5	**FF** (78), FG (51), Lab (20), Green (6), SF (4)	2008-05-07	2011-02-24	2527	2008-05-07	2011-02-23
	2011-02-25	166	4	FG (76), **FF** (20), SF (14), PBPA (2)	2011-02-25	2011-03-08	62	2011-02-25	2011-03-08
	2011-02-25	166	6	**FG** (76), Lab (37), FF (20), SF (14), PBPA (2), SP (2)	2011-03-09	2016-02-25	5862	2011-03-09	2016-02-24
	2016-02-26	158	9	**FG** (50), FF (44), SF (23), Lab (7), IA (6), SP (6), IC (4), DS (3), Green (2)	2016-02-26	2016-05-05	377	2016-02-26	2016-05-05
	2016-02-26	158	8	**FG** (50), FF (44), SF (23), Lab (7), IA (6), SP (6), DS (3), Green (2)	2016-05-06	2017-06-13	2701	2016-05-06	2017-06-13
	2016-02-26	158	8	**FG** (50), FF (44), SF (23), Lab (7), IA (6), SP (6), DS (3), Green (2)	2017-06-14		8633	2017-06-14	2020-03-08

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
ITA	2006-04-09	630	1	LN (26)	2007-05-16	2008-04-12	40	2008-02-21	2008-04-05
	2008-04-13	630	2	PD (217), LN (60)	2008-04-13	2008-05-07	9	2008-04-13	2008-04-24
	2008-04-13	630	2	PD (217), LN (60)	2008-05-08	2010-07-29	472	2008-05-15	2010-07-28
	2008-04-13	630	2	PD (217), SVP (2)	2010-07-30	2011-11-15	320	2010-08-01	2011-11-15
	2008-04-13	630	3	PD (217), LN (60), SVP (2)	2011-11-16	2013-02-24	778	2011-11-19	2013-02-23
	2013-02-25	630	8	PD (297), M5S (109), FI-PdL (98), SC (39), LN (18), FdI-CN (9), CD (6), SVP (5)	2013-02-25	2013-04-26	322	2013-02-25	2013-04-25
	2013-02-25	630	9	**PD** (297), M5S (109), FI-PdL (98), SC (39), LN (18), FdI-CN (9), CD (6), SVP (5), UV (1)	2013-04-27	2013-11-17	974	2013-04-28	2013-11-16
	2013-02-25	630	9	**PD** (297), M5S (109), FI-PdL (69), SC (39), LN (18), FdI-CN (9), CD (6), SVP (5), UV (1)	2013-11-18	2014-02-21	570	2013-11-18	2014-02-21
	2013-02-25	630	10	**PD** (297), M5S (109), FI-PdL (69), SC (39), LN (18), FdI-CN (9), UC (8), CD (6), SVP (5), UV (1)	2014-02-22	2016-12-11	5391	2014-02-22	2016-12-09
	2013-02-25	630	12	**PD** (297), M5S (109), FI-PdL (69), SC (39), LN (18), FdI-CN (9), UC (8), CD (6), SVP (5), AIE (2), USEI (1), UV (1)	2016-12-12	2018-03-03	3854	2016-12-12	2018-03-02
	2018-03-04	630	11	M5S (227), LN (124), **PD** (112), FI-PdL (106), FdI-CN (31), SVP (4), UC (4), R (2), AIE (1), CD (1), USEI (1)	2018-03-04	2018-05-31	1607	2018-03-04	2018-05-31
	2018-03-04	630	11	M5S (227), LN (124), PD (112), FI-PdL (106), FdI-CN (31), SVP (4), UC (4), R (2), AIE (1), CD (1), USEI (1)	2018-06-01		14993	2018-06-01	2020-03-08

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
	2004-06-13	60	1	Greng (7)	2004-07-31	2009-06-06	12	2009-03-12	2009-04-22
LUX	2009-06-07	60	1	Greng (7)	2009-06-07	2009-07-22	5	2009-06-07	2009-06-15
	2009-06-07	60	5	LSAP (13), DP (9), Greng (7), AR|ADR (4), DL (1)	2009-07-23	2013-07-10	1189	2009-10-17	2013-07-10
	2009-06-07	60	6	**CSV** (26), LSAP (13), DP (9), Greng (7), AR|ADR (4), DL (1)	2013-07-11	2013-10-19	265	2013-07-11	2013-10-18
	2013-10-20	60	5	**CSV** (23), DP (13), Greng (6), AR|ADR (3), DL (2)	2013-10-20	2013-12-03	36	2013-10-20	2013-12-03
	2013-10-20	60	6	CSV (23), **DP** (13), LSAP (13), Greng (6), AR|ADR (3), DL (2)	2013-12-04	2018-10-13	3652	2013-12-04	2018-10-12
	2018-10-14	60	7	CSV (21), **DP** (12), LSAP (10), Greng (9), AR|ADR (4), DL (2), Pi (2)	2018-10-14	2018-12-04	70	2018-10-14	2018-12-04
	2018-10-14	60	7	CSV (21), **DP** (12), LSAP (10), Greng (9), AR|ADR (4), DL (2), Pi (2)	2018-12-05		1152	2018-12-05	2020-03-08

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
NLD	2006-11-22	150	8	**CDA** (41), PvdA (33), SP (25), VVD (22), GL (7), CU (6), D66 (3), PvdD (2)	2007-02-22	2010-02-22	1652	2007-07-09	2010-02-22
	2006-11-22	150	9	**CDA** (41), PvdA (33), SP (25), VVD (22), GL (7), CU (6), D66 (3), PvdD (2), SGP (2)	2010-02-23	2010-06-08	617	2010-02-23	2010-06-08
	2010-06-09	150	9	VVD (31), PvdA (30), **CDA** (21), SP (15), D66 (10), GL (10), CU (5), PvdD (2), SGP (2)	2010-06-09	2010-10-13	852	2010-06-09	2010-10-13
	2010-06-09	150	10	**VVD** (31), PvdA (30), PVV (24), CDA (21), SP (15), D66 (10), GL (10), CU (5), PvdD (2), SGP (2)	2010-10-14	2012-03-19	4184	2010-10-14	2012-03-19
	2010-06-09	150	10	**VVD** (31), PvdA (30), PVV (23), CDA (21), SP (15), D66 (10), GL (10), CU (5), PvdD (2), SGP (2)	2012-03-20	2012-04-22	273	2012-03-20	2012-04-22
	2010-06-09	150	10	**VVD** (31), PvdA (30), PVV (23), CDA (21), SP (15), D66 (10), GL (10), CU (5), PvdD (2), SGP (2)	2012-04-23	2012-09-11	1906	2012-04-23	2012-09-11
	2012-09-12	150	10	**VVD** (41), PvdA (38), PVV (15), SP (15), CDA (13), D66 (12), CU (5), GL (4), SGP (3), PvdD (2)	2012-09-12	2012-11-04	569	2012-09-12	2012-11-04
	2012-09-12	150	11	**VVD** (41), PvdA (38), PVV (30), SP (15), CDA (13), D66 (12), CU (5), GL (4), SGP (3), 50+ (2), PvdD (2)	2012-11-05	2017-03-14	20745	2012-11-05	2017-03-14
	2017-03-15	150	13	**VVD** (33), PVV (20), CDA (19), D66 (19), GL (14), SP (14), PvdA (9), CU (5), PvdD (5), 50+ (4), DENK (3), SGP (3), FvD (2)	2017-03-15	2017-10-25	5032	2017-03-15	2017-10-25
	2017-03-15	150	13	PVV (40), **VVD** (33), CDA (19), D66 (19), GL (14), SP (14), PvdA (9), CU (5), PvdD (5), 50+ (4), DENK (3), SGP (3), FvD (2)	2017-10-26		20997	2017-10-26	2021-03-30

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
NOR	2005-09-12	169	5	**DNA** (61), SV (15), KrF (11), Sp (11), V (10)	2005-10-17	2009-09-13	811	2008-10-02	2009-09-12
	2009-09-14	169	6	**DNA** (64), H (30), SV (11), Sp (11), KrF (10), V (2)	2009-09-14	2009-10-19	104	2009-09-14	2009-10-19
	2009-09-14	169	7	**DNA** (64), Fr (41), H (30), SV (11), Sp (11), KrF (10), V (2)	2009-10-20	2013-09-08	5264	2009-10-20	2013-09-07
	2013-09-09	169	8	**DNA** (55), H (48), Fr (29), KrF (10), Sp (10), V (9), SV (7), MDG (1)	2013-09-09	2013-10-15	153	2013-09-09	2013-10-14
	2013-09-09	169	8	DNA (55), **H** (48), Fr (29), KrF (10), Sp (10), V (9), SV (7), MDG (1)	2013-10-16	2017-09-10	6318	2013-10-16	2017-09-09
	2017-09-11	169	9	DNA (49), **H** (45), Fr (27), Sp (19), SV (11), KrF (8), V (8), MDG (1), RV (1)	2017-09-11	2018-01-16	478	2017-09-11	2018-01-16
	2017-09-11	169	9	DNA (49), **H** (45), Fr (27), Sp (19), SV (11), KrF (8), V (8), MDG (1), RV (1)	2018-01-17	2019-01-21	2168	2018-01-17	2019-01-21
	2017-09-11	169	7	DNA (49), **H** (45), Sp (19), SV (11), V (8), MDG (1), RV (1)	2019-01-22		2056	2019-01-22	2020-03-08
NZL	2008-11-08	122	6	**NP** (58), LP (43), Greens (9), ACT (5), MP (5), UFNZ (1)	2008-11-19	2011-02-22	1492	2009-02-05	2011-02-22
	2008-11-08	122	5	**NP** (58), LP (43), Greens (9), ACT (5), MP (4)	2011-02-23	2011-11-25	949	2011-02-23	2011-11-24
	2011-11-26	121	4	**NP** (59), LP (34), Greens (14), ACT (1)	2011-11-26	2011-12-13	16	2011-11-27	2011-12-13
	2011-11-26	121	5	**NP** (59), LP (34), Greens (14), MP (3), ACT (1)	2011-12-14	2014-09-19	2666	2011-12-14	2014-09-18
	2014-09-20	121	4	**NP** (60), LP (32), Greens (14), MP (2)	2014-09-20	2014-10-07	38	2014-09-20	2014-10-07
	2014-09-20	121	5	**NP** (60), LP (32), Greens (14), MP (2), ACT (1)	2014-10-08	2016-12-11	2585	2014-10-08	2016-12-11
	2014-09-20	121	5	**NP** (60), LP (32), Greens (14), MP (2), ACT (1)	2016-12-12	2017-09-22	1084	2016-12-12	2017-09-21
	2017-09-23	120	4	**NP** (56), LP (46), Greens (8), ACT (1)	2017-09-23	2017-10-25	75	2017-09-23	2017-10-25
	2017-09-23	120	5	NP (56), **LP** (46), NZFP (9), Greens (8), ACT (1)	2017-10-26		2966	2017-10-26	2020-10-18

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Country	Election date	Seats	N	Names (seats)	Start	End	N	First	Last
PRT	2005-02-20	230	2	PSD (75), CDS-PP (12)	2005-03-12	2009-09-26	287	2009-02-11	2009-09-25
	2009-09-27	230	2	PSD (81), CDS-PP (21)	2009-09-27	2009-10-25	40	2009-09-27	2009-10-24
	2009-09-27	230	2	PSD (81), CDS-PP (21)	2009-10-26	2011-06-04	730	2009-10-30	2011-06-03
	2011-06-05	230	1	PSD (108)	2011-06-05	2011-06-14	2	2011-06-05	2011-06-05
	2011-06-05	230	4	**PSD** (108), PS (74), CDS-PP (24), CDU (16)	2011-06-15	2015-10-03	2245	2011-06-29	2015-10-02
	2015-10-04	230	4	**PSD** (107), PS (86), CDU (17), PAN (1)	2015-10-04	2015-10-29	253	2015-10-04	2015-10-29
	2015-10-04	230	3	**PSD** (107), PS (86), PAN (1)	2015-10-30	2015-11-25	277	2015-10-30	2015-11-25
	2015-10-04	230	4	PSD (107), **PS** (86), CDU (17), PAN (1)	2015-11-26	2019-10-05	7859	2015-11-26	2019-10-04
	2019-10-06	230	6	**PS** (108), PSD (79), CDU (12), PAN (4), IL (1), L (1)	2019-10-06	2019-10-25	94	2019-10-06	2019-10-25
	2019-10-06	230	8	**PS** (108), PSD (79), BE (19), CDS-PP (5), PAN (4), CH (1), IL (1), L (1)	2019-10-26		1253	2019-10-26	2021-03-30
SWE	2006-09-17	349	7	SAP (130), **M** (97), C (29), FP (28), KD (24), V (22), MP (19)	2006-10-05	2010-09-18	3271	2008-11-13	2010-09-17
	2010-09-19	349	8	SAP (112), **M** (107), MP (25), FP (24), C (23), SD (20), KD (19), V (19)	2010-09-19	2011-09-25	1963	2010-09-19	2011-09-25
	2010-09-19	349	8	SAP (112), **M** (107), MP (25), FP (24), C (23), KD (19), SD (19), V (19)	2011-09-26	2014-09-13	7109	2011-09-26	2014-09-12
	2014-09-14	349	6	**M** (84), SD (49), MP (25), C (22), V (21), FP (19)	2014-09-14	2014-10-01	67	2014-09-14	2014-10-01
	2014-09-14	349	8	**SAP** (113), M (84), SD (49), MP (25), C (22), V (21), FP (19), KD (16)	2014-10-02	2018-09-08	9815	2014-10-02	2018-09-07
	2018-09-09	349	8	**SAP** (100), M (70), SD (62), C (31), V (28), KD (22), FP (20), MP (16)	2018-09-09	2019-01-17	739	2018-09-09	2019-01-17
	2018-09-09	349	8	**SAP** (100), M (70), SD (62), C (31), V (28), KD (22), FP (20), MP (16)	2019-01-18		3934	2019-01-18	2020-03-08

\end{landscape}

Table S.2: Tweet tracking periods for parties entering parliament in an upcoming election.

		Entering parties		Tracked		Tweets recorded		
Country	Upcoming election	*N*	Names	From	Until	*N*	First	Last
AUS	2010-08-21	1	AG	2007-11-24	2010-08-20	152	2009-02-26	2010-05-15
		2	AG, LNPQ	2007-11-24	2010-08-20	51	2010-08-04	2010-08-19
	2013-09-07	2	Katter, PUP	2010-08-21	2013-09-06	537	2011-09-07	2013-06-26
		2	Katter, PUP	2010-08-21	2013-09-06	111	2013-07-07	2013-09-05
	2016-07-02	1	NXT	2013-09-07	2016-07-01	56	2015-12-04	2016-06-29
AUT	2013-09-29	1	NEOS	2008-09-28	2013-09-28	621	2012-10-22	2013-02-22
		1	NEOS	2008-09-28	2013-09-28	1500	2013-02-25	2013-09-27
	2019-09-29	1	Gruene	2017-10-15	2019-09-28	228	2017-09-29	2017-12-17
		1	Gruene	2017-10-15	2019-09-28	743	2017-12-18	2019-06-01
		1	Gruene	2017-10-15	2019-09-28	186	2019-06-05	2019-09-28
BEL	2010-06-13	1	SP	2007-06-10	2010-06-12	447	2009-04-07	2009-11-24
		1	SP	2007-06-10	2010-06-12	767	2009-11-25	2010-06-11
	2014-05-25	1	PA-PTB	2010-06-13	2014-05-24	3082	2012-05-25	2014-05-23
CAN	2011-05-02	1	GPC	2008-10-14	2011-05-01	191	2009-05-06	2011-04-30
CHE	2019-10-20	2	EDU-UDF, FDP	2015-10-18	2019-10-19	1029	2017-10-21	2019-10-19
DEU	2017-09-24	2	AfD, FDP	2013-09-22	2017-09-23	2011	2015-09-24	2017-09-22
DNK	2015-06-18	1	A	2011-09-15	2015-06-17	36	2013-11-27	2014-01-31
		1	A	2011-09-15	2015-06-17	846	2014-02-03	2015-06-16
ESP	2011-11-20	1	EA	2008-03-09	2011-11-19	1	2010-09-02	2010-09-02
	2015-12-20	6	C-PC, C|AV, ECP, EHB, EM, P	2011-11-20	2015-12-19	56168	2013-12-20	2015-12-19
	2019-04-28	2	JxCat, Vox	2016-06-26	2019-04-27	1077	2017-07-13	2018-06-01
		3	JxCat, NA+, Vox	2016-06-26	2019-04-27	3518	2018-06-02	2019-04-26
	2019-11-10	5	BNG, CUP, MP, PRC, TE	2019-04-28	2019-11-09	3819	2017-11-10	2019-11-08

(Continued on next page...)

Table S.2: Tweet tracking periods for parties entering parliament in an upcoming election. *(continued)*

Country	Upcoming election	*N*	Names	From	Until	*N*	First	Last
FRA	2012-06-17	2	AC, FN	2007-06-17	2012-06-16	236	2010-06-17	2010-11-13
		2	AC, FN	2007-06-17	2012-06-16	908	2010-11-16	2012-05-14
		2	AC, FN	2007-06-17	2012-06-16	57	2012-05-15	2012-06-14
	2017-06-18	1	DLR|DLF	2012-06-17	2017-06-17	1407	2015-06-18	2016-02-10
		3	DLR|DLF, FI, REM	2012-06-17	2017-06-17	2134	2016-02-11	2016-12-05
		3	DLR|DLF, FI, REM	2012-06-17	2017-06-17	2482	2016-12-06	2017-06-13
		3	DLR|DLF, FI, REM	2012-06-17	2017-06-17	60	2017-06-14	2017-06-16
GBR	2010-05-06	1	GP	2005-05-05	2010-05-05	481	2008-07-22	2010-05-04
	2015-05-07	2	UKIP, UUP	2010-05-06	2015-05-06	1206	2013-07-29	2015-05-05
GRC	2012-05-06	2	ANEL, DIMAR	2009-10-04	2012-05-05	334	2011-12-01	2012-05-04
	2015-01-25	1	TP	2012-06-17	2015-01-24	1244	2014-02-26	2015-01-23
	2015-09-20	1	EK	2015-01-25	2015-09-19	10	2014-11-19	2015-01-21
		1	EK	2015-01-25	2015-09-19	179	2015-01-28	2015-08-20
		1	EK	2015-01-25	2015-09-19	66	2015-08-22	2015-09-18
IRL	2011-02-25	2	PBPA, SP	2007-05-24	2011-02-24	224	2009-03-19	2011-02-23
	2016-02-26	3	DS, Green, IA	2011-02-25	2016-02-25	597	2014-05-23	2016-02-24
ITA	2008-04-13	1	PD	2006-04-09	2008-04-12	96	2008-02-09	2008-04-10
	2013-02-25	2	FI-PdL, M5S	2008-04-13	2013-02-24	577	2011-04-28	2011-11-15
		5	CD, FI-PdL, FdI-CN, M5S, SC	2008-04-13	2013-02-24	4003	2011-11-16	2013-02-23
	2018-03-04	1	R	2013-02-25	2018-03-03	341	2016-03-05	2016-12-09
		1	R	2013-02-25	2018-03-03	471	2016-12-15	2018-02-10
LUX	2018-10-14	1	Pi	2013-10-20	2018-10-13	151	2016-10-18	2018-10-12

(Continued on next page...)

Table S.2: Tweet tracking periods for parties entering parliament in an upcoming election. *(continued)*

Country	Upcoming election	*N*	Names	From	Until	*N*	First	Last
NLD	2012-09-12	1	50+	2010-06-09	2012-09-11	62	2010-12-06	2011-03-07
		1	50+	2010-06-09	2012-09-11	8	2012-04-29	2012-08-24
	2017-03-15	2	DENK, FvD	2012-09-12	2017-03-14	1814	2015-03-15	2017-03-13
NOR	2013-09-09	1	MDG	2009-09-14	2013-09-08	1952	2011-09-09	2013-09-07
	2017-09-11	1	RV	2013-09-09	2017-09-10	252	2015-09-11	2017-09-09
PRT	2015-10-04	1	PAN	2011-06-05	2015-10-03	901	2013-10-04	2015-10-02
	2019-10-06	4	CDS-PP, CH, IL, L	2015-10-04	2019-10-05	2519	2017-10-06	2019-10-04
SWE	2010-09-19	1	SD	2006-09-17	2010-09-18	120	2009-12-19	2010-09-17

\end{landscape}

Table S.3: Parties in manually added parliamentary configurations by country and election. Party marked bold if it sponsored the prime minister in the given configuration, underlined if it was in government.

		Parl. configuration			
Country	Election date	Start	End	Seats	Parties (seats)
AUS	2019-05-18	2019-05-18	2019-05-25	151	ALP (68), **LPA** (44), LNPQ (23), NCP|NPA (10), AG (1), Katter (1), NXT (1)
		2019-05-26		151	ALP (68), **LPA** (44), LNPQ (23), NCP|NPA (10), AG (1), Katter (1), NXT (1)
AUT	2017-10-15	2019-06-03	2019-09-28	183	OVP (62), SPO (52), FPO (51), NEOS (10), PILZ (8)
	2019-09-29	2019-09-29	2020-01-06	183	**OVP** (71), SPO (40), FPO (31), Gruene (26), NEOS (15), PILZ (0)
		2020-01-07		183	**OVP** (71), SPO (40), FPO (31), Gruene (26), NEOS (15), PILZ (0)
CAN	2019-10-19	2019-10-19	2019-11-03	338	**LP** (157), CPC (121), BQ (32), CCF|NDP (24), GPC (3)
		2019-11-04		338	**LP** (157), CPC (121), BQ (32), CCF|NDP (24), GPC (3)
CHE	2019-10-20	2019-10-20	2019-12-10	200	SVP-UDC (53), SP-PS (39), FDP (29), Grue (28), KK/CVP (25), GPL-PVL (16), BDP (3), EVP-PEP (3), PdA (1), EDU-UDF (1), LdT (1)
		2019-12-11		200	SVP-UDC (53), SP-PS (39), FDP (29), Grue (28), KK/CVP (25), GPL-PVL (16), BDP (3), EVP-PEP (3), PdA (1), EDU-UDF (1), LdT (1)
ESP	2019-11-10	2019-11-10	2020-01-06	350	**PSOE** (120), AP-P (89), Vox (52), UP (35), ERC (13), C-PC (10), JxCat (8), PNV (6), EHB (5), MP (3), CUP (2), CC (2), NA+ (2), BNG (1), PRC (1), TE (1)
		2020-01-07		350	**PSOE** (120), AP-P (89), Vox (52), UP (35), ERC (13), C-PC (10), JxCat (8), PNV (6), EHB (5), MP (3), CUP (2), CC (2), NA+ (2), BNG (1), PRC (1), TE (1)
PRT	2019-10-06	2019-10-06	2019-10-25	230	**PS** (108), PSD (79), BE (19), CDU (12), CDS-PP (5), PAN (4), CH (1), IL (1), L (1)
		2019-10-26		230	**PS** (108), PSD (79), BE (19), CDU (12), CDS-PP (5), PAN (4), CH (1), IL (1), L (1)

\end{landscape}

B Computing anti-elite emphasis estimates

Table S.4 reports the proportion of tweets per country predicted to feature general elite criticism depending on whether a tweet is predicted to contain political content. It shows that the prevalence of general elite criticism is very low in non-political tweets. This supports our decision to analyze the prevalence of general elite criticism only in political tweets.

Table S.4: Numbers and (row) percentages of tweets in outcome classes per country by whether or not their content is likely political.

		General elite criticism			
		"Yes"		"No"	
	"Political"	*N*	%	*N*	%
AUS	yes	1706	21.9	6070	78.1
	no	410	11.2	3262	88.8
AUT	yes	4678	24.8	14193	75.2
	no	594	4.7	11916	95.3
BEL	yes	5910	17.2	28538	82.8
	no	916	4.2	20943	95.8
CAN	yes	3005	15.4	16457	84.6
	no	184	3.3	5334	96.7
CHE	yes	2728	21.2	10153	78.8
	no	221	5.5	3761	94.5
DEU	yes	3209	20.5	12455	79.5
	no	219	2.9	7329	97.1
DNK	yes	2470	17.3	11786	82.7
	no	174	2.3	7520	97.7
ESP	yes	47088	18.5	208004	81.5
	no	622	2.2	27785	97.8
FIN	yes	4566	23.8	14588	76.2
	no	249	3.4	6986	96.6
FRA	yes	6091	21.9	21723	78.1
	no	294	3.5	8028	96.5
GBR	yes	5647	21.5	20652	78.5
	no	441	4.3	9703	95.7
GRC	yes	3480	24.5	10718	75.5
	no	256	3.2	7785	96.8
IRL	yes	2378	17.7	11060	82.3
	no	273	3.6	7331	96.4
ITA	yes	4947	20.1	19611	79.9
	no	738	7.2	9522	92.8
LUX	yes	359	13.6	2276	86.4
	no	308	7.9	3589	92.1
NLD	yes	5233	13.4	33799	86.6
	no	369	1.9	19227	98.1
NOR	yes	2416	19.0	10321	81.0
	no	161	2.4	6658	97.6
NZL	yes	1304	18.3	5808	81.7
	no	221	4.7	4511	95.3
PRT	yes	1864	16.8	9251	83.2
	no	269	5.0	5067	95.0
SWE	yes	4917	25.7	14214	74.3
	no	348	4.4	7539	95.6

B.1 Missingness and level of aggregation

Once tweets are labeled, the question arises for what time intervals post-level predictions can be aggregated to obtain reliable time-series estimates. While Twitter data generally promises temporally far more fine-grained measurement than other types of political text data, Figure S.1 shows that parties' Twitter activity patterns imply practical limits. Specifically, it shows in panel (a) that different proportions of zero-tweet data points result when aggregating at different temporal units (half years, quarters, months, or weeks). Moreover, panel (b) shows that aggregating at more granular temporal units generally implies aggregating from fewer observations.

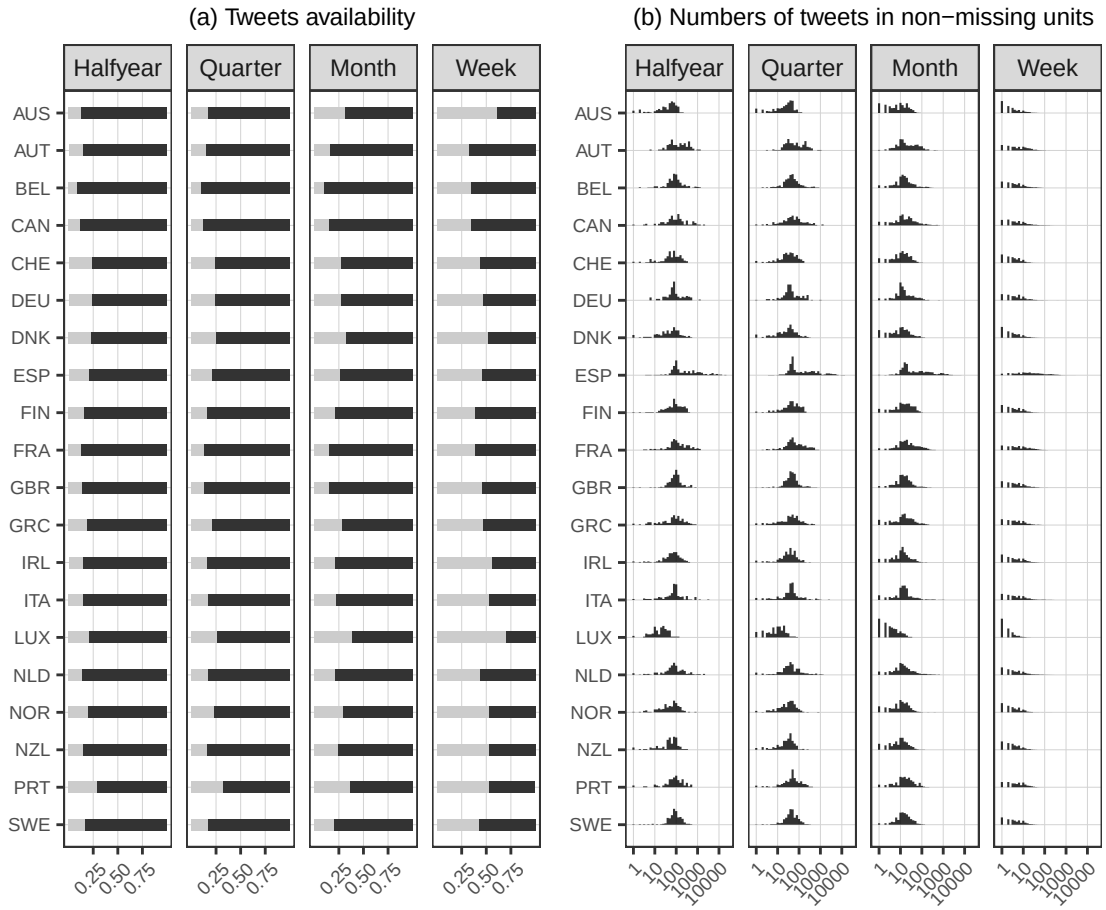

Figure S.1: Proportion of party-time units with at least one tweet (left) and distribution of numbers of tweets per time unit on $\log_{10}$-scale in subset of units with non-zero numbers of tweets (right) by country. Dark gray shading indicates units with non-zero numbers of tweets.

If not stated otherwise, we have thus used quarters (three-month periods) as temporal units of aggregation in our analyses. Aggregating at quarter units allows striking a balance between temporally granular and reliable measurement. Figure S.2 shows the missingness patterns resulting from this decision.

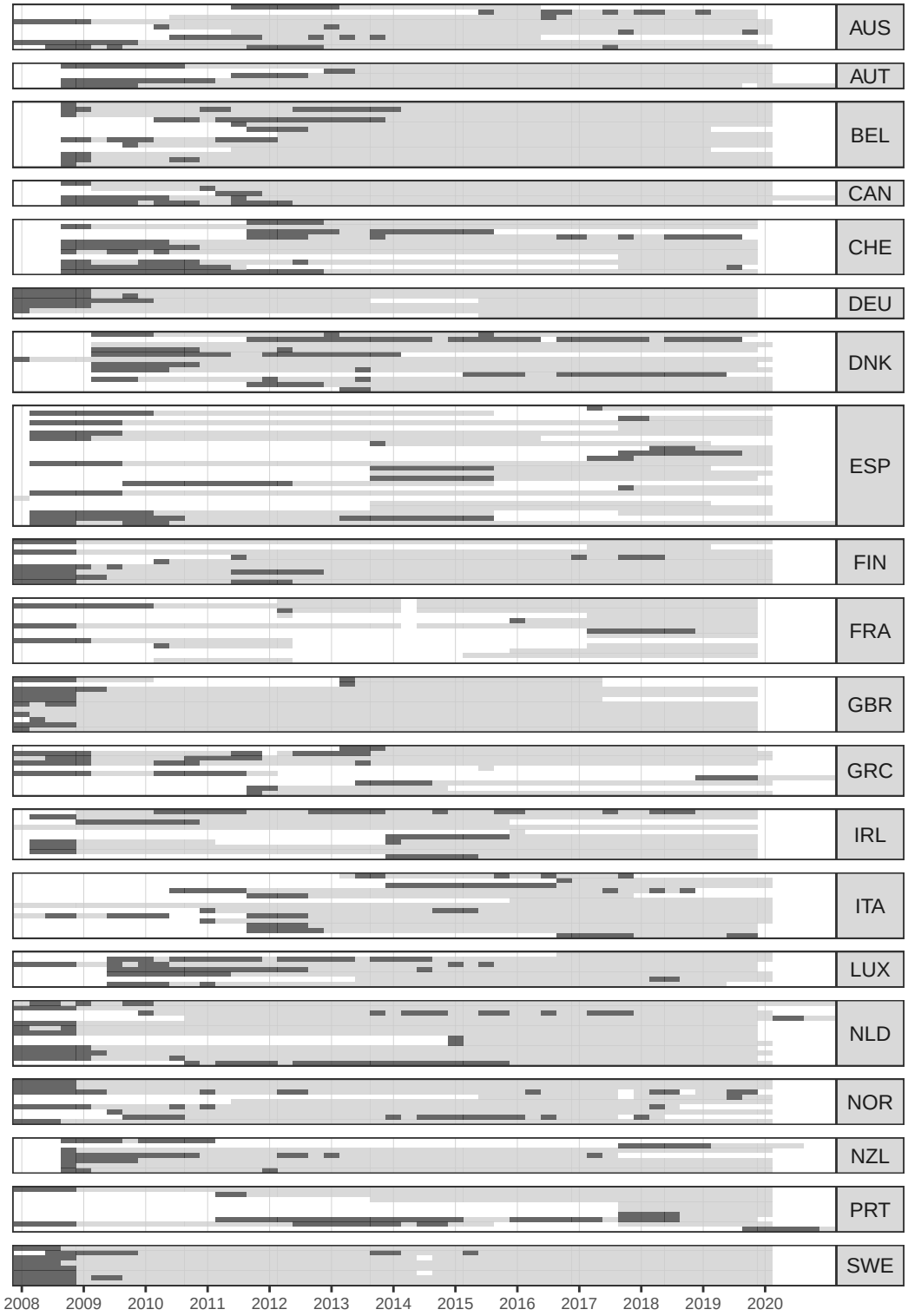

Figure S.2: Missingness in party-quarter timeseries. Shaded areas mark quarters for which parties' tweets have been recorded either because the party was in parliament or it was about to enter parliament in an upcoming election. Dark shaded areas mark quarters for which no tweets were available and hence party-quarter estimates are missing.

B.2 Time-series for all parties in our dataset

Figures S.8 plots time-series estimates for all countries and parties included in our study.

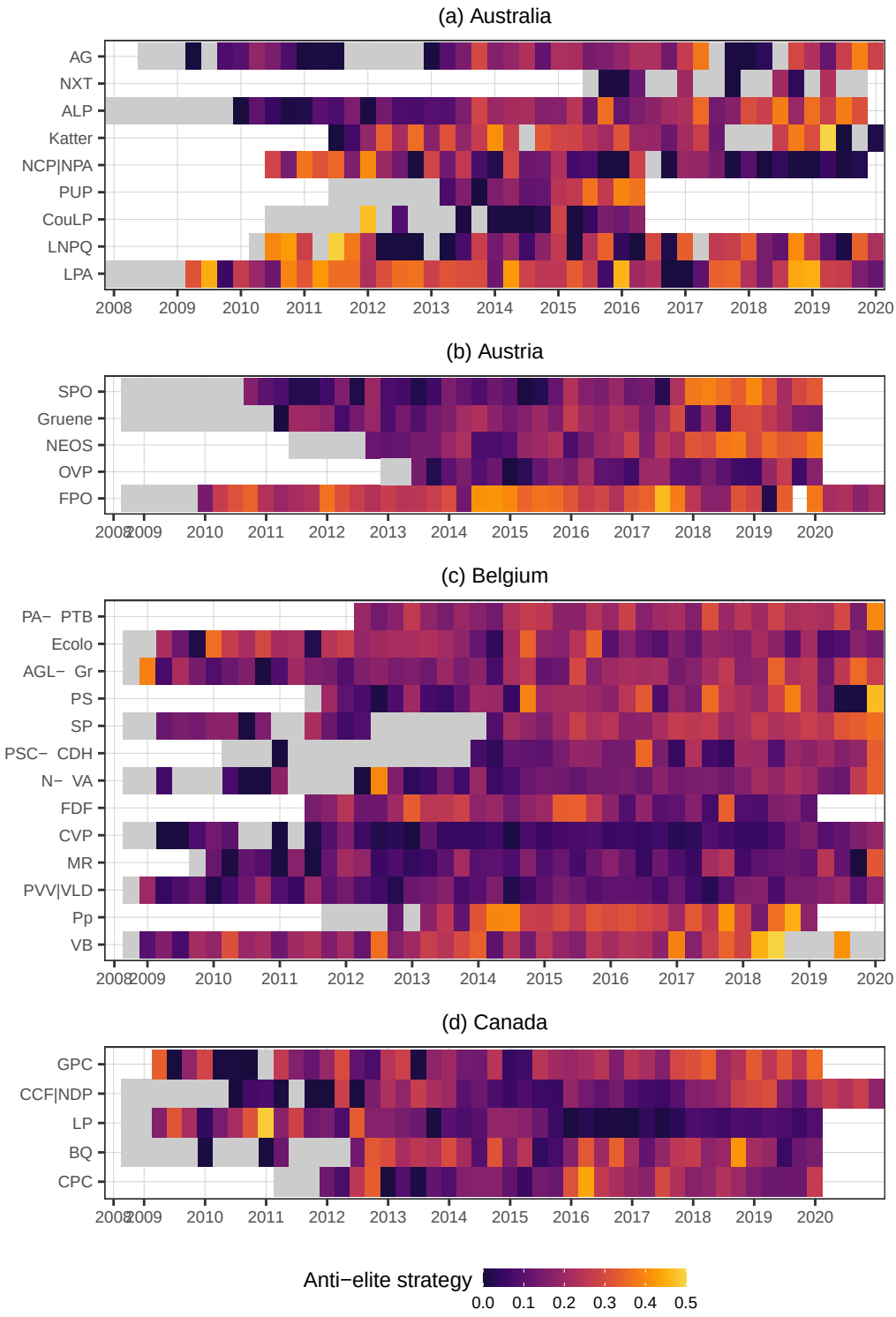

Figure S.3: Probability-based estimates of parties' anti-elite strategies computed at party-quarters. One square plotted per party-quarter estimate. Coloring of squares indicates the estimated salience of anti-elite rhetoric according to the proportion of "general" elite criticism instances. Lighter values correspond to higher salience. Grey-shaded squares mark party-quarters for which no tweets are available to compute an estimate although the party was included in our dataset in this quarter. Squares left blank (white) mark periods for which a given party was not included in our dataset in this quarter.

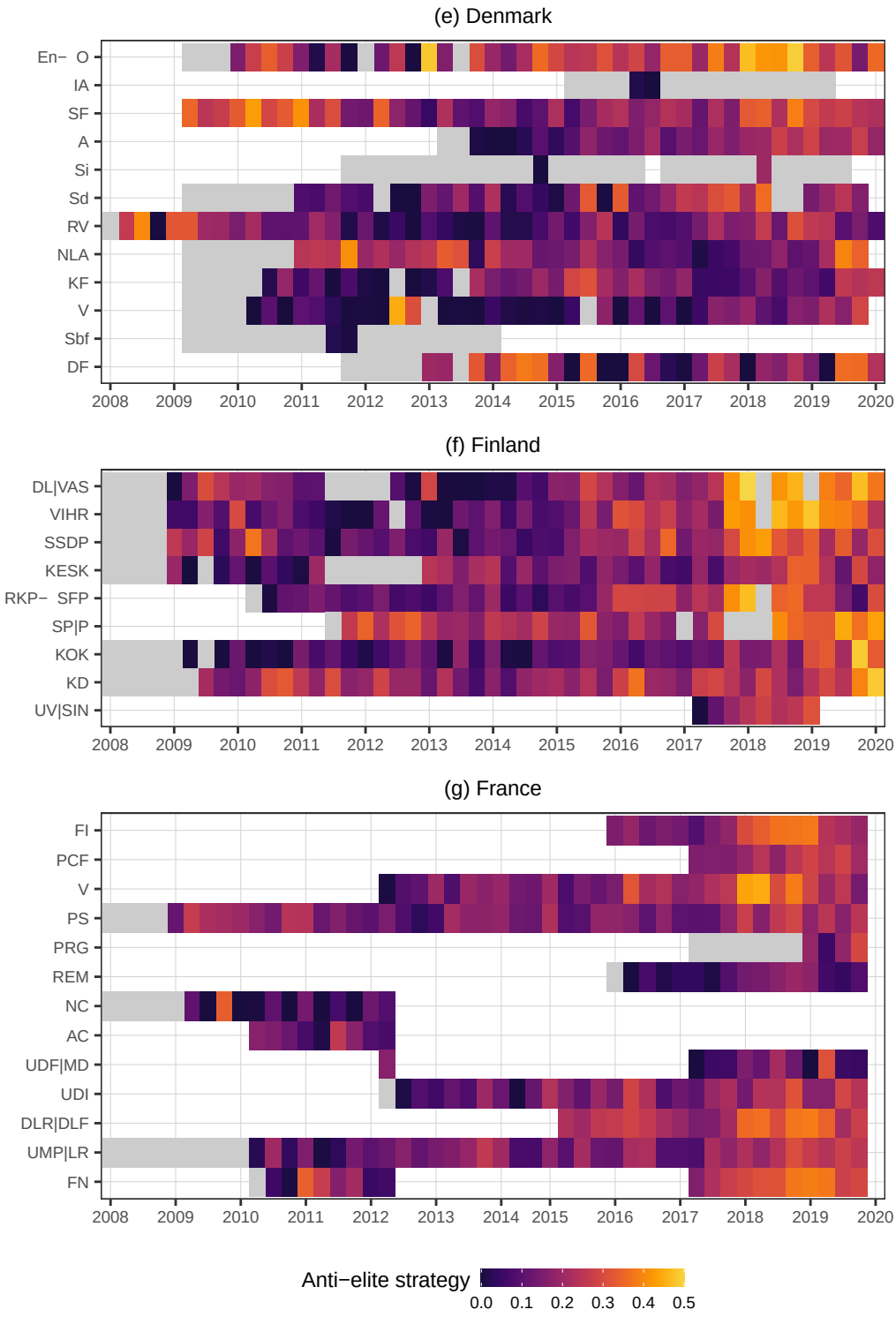

Figure S.4: Probability-based estimates of parties' anti-elite strategies computed at party-quarters. One square plotted per party-quarter estimate. Coloring of squares indicates the estimated salience of anti-elite rhetoric according to the proportion of "general" elite criticism instances. Lighter values correspond to higher salience. Grey-shaded squares mark party-quarters for which no tweets are available to compute an estimate although the party was included in our dataset in this quarter. Squares left blank (white) mark periods for which a given party was not included in our dataset in this quarter.

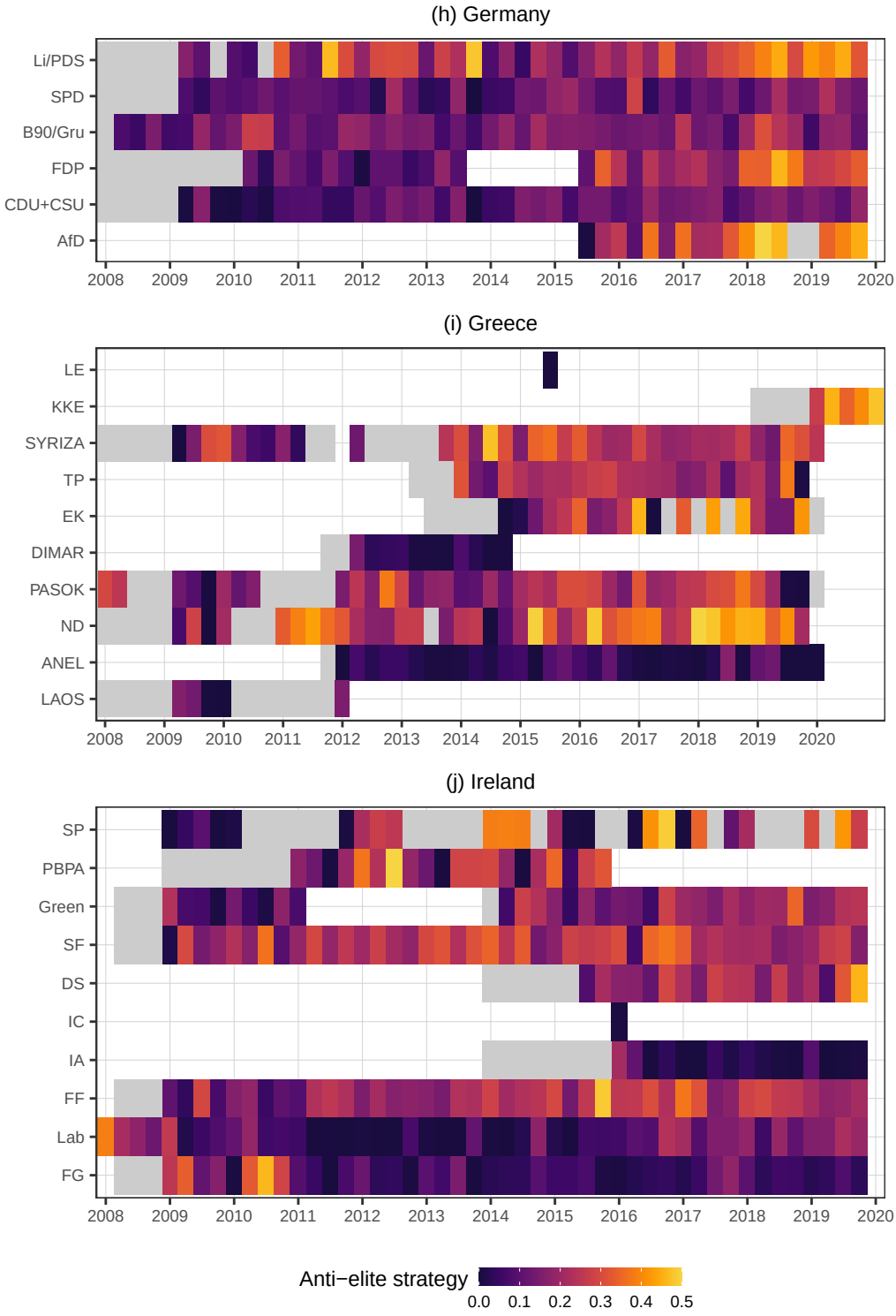

Figure S.5: Probability-based estimates of parties' anti-elite strategies computed at party-quarters. One square plotted per party-quarter estimate. Coloring of squares indicates the estimated salience of anti-elite rhetoric according to the proportion of "general" elite criticism instances. Lighter values correspond to higher salience. Grey-shaded squares mark party-quarters for which no tweets are available to compute an estimate although the party was included in our dataset in this quarter. Squares left blank (white) mark periods for which a given party was not included in our dataset in this quarter.

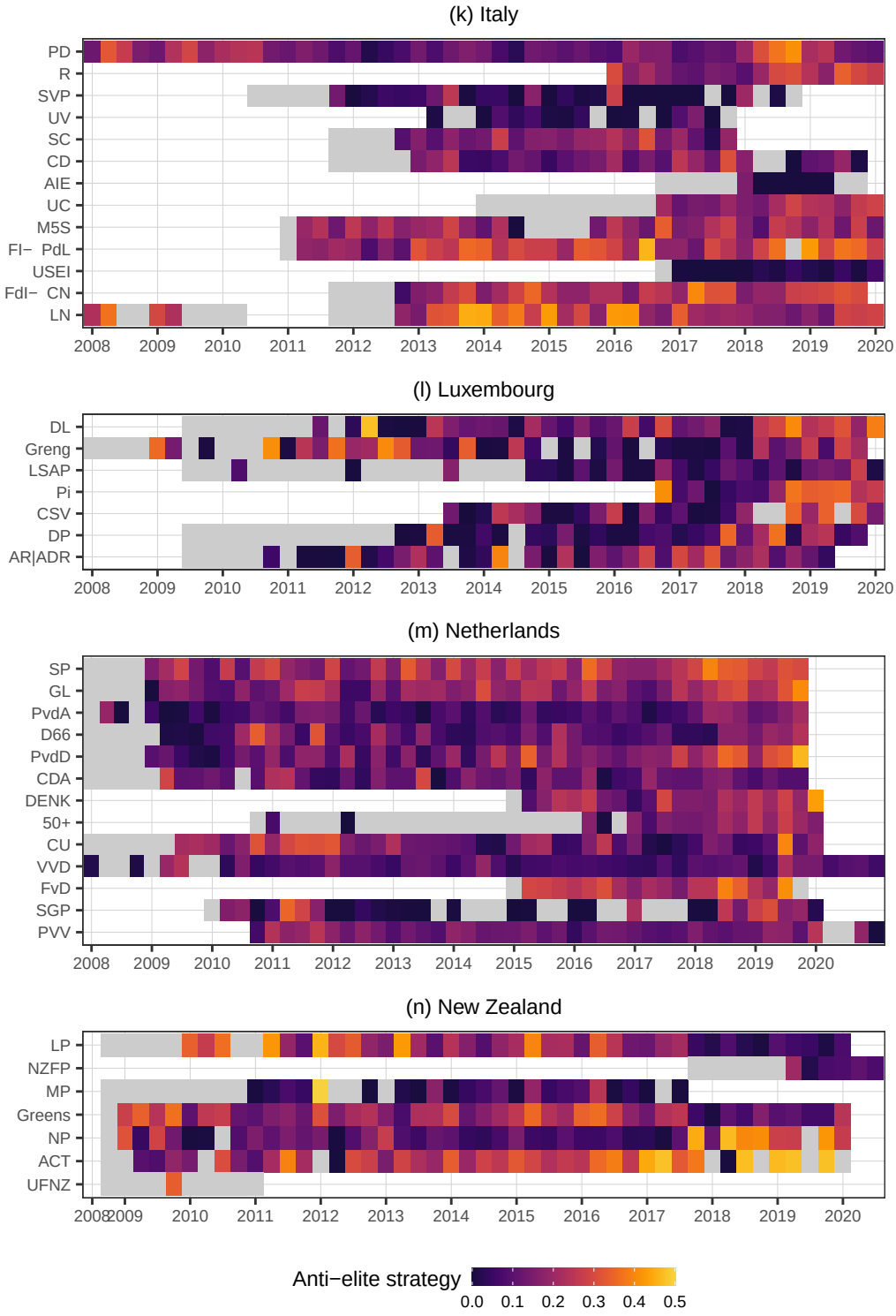

Figure S.6: Probability-based estimates of parties' anti-elite strategies computed at party-quarters. One square plotted per party-quarter estimate. Coloring of squares indicates the estimated salience of anti-elite rhetoric according to the proportion of "general" elite criticism instances. Lighter values correspond to higher salience. Grey-shaded squares mark party-quarters for which no tweets are available to compute an estimate although the party was included in our dataset in this quarter. Squares left blank (white) mark periods for which a given party was not included in our dataset in this quarter.

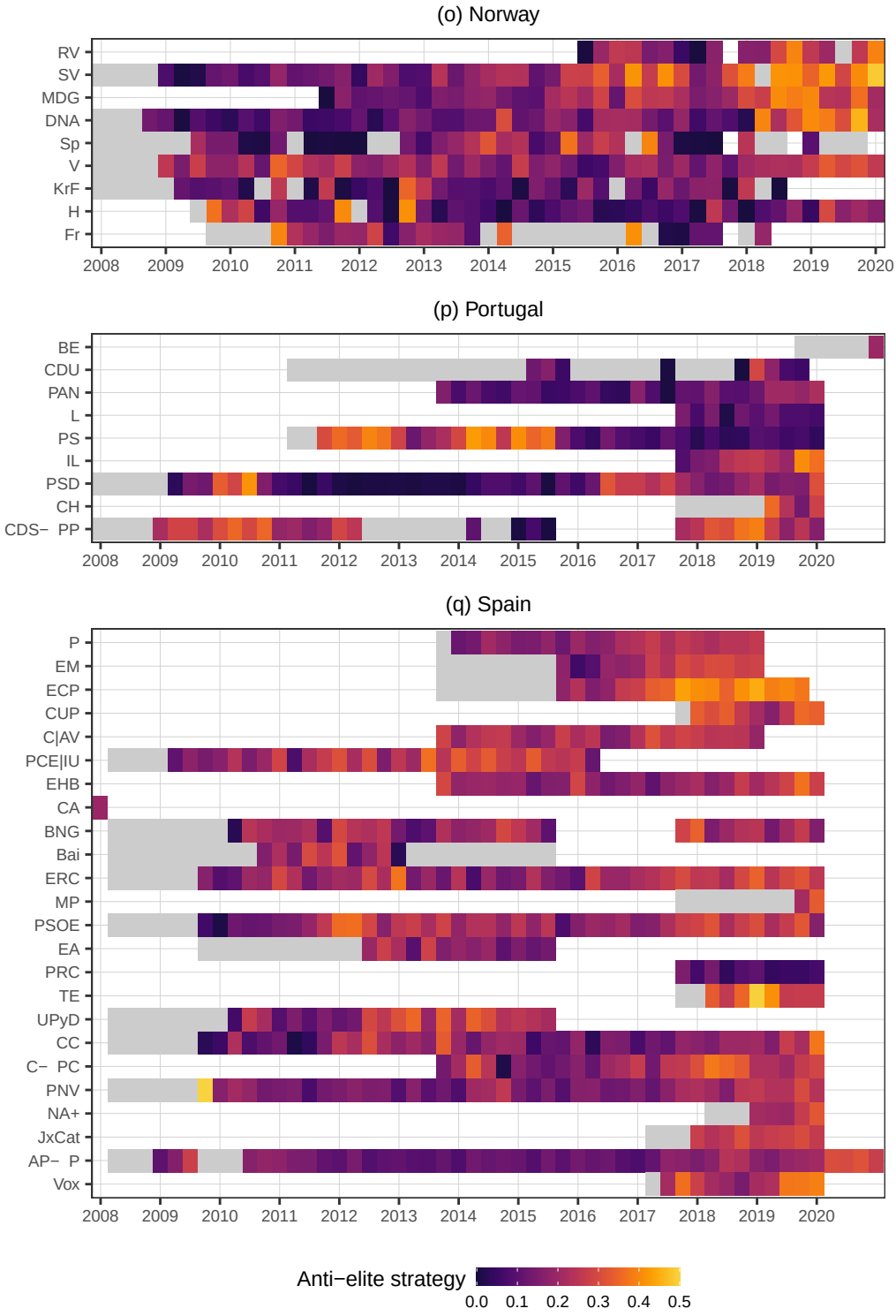

Figure S.7: Probability-based estimates of parties' anti-elite strategies computed at party-quarters. One square plotted per party-quarter estimate. Coloring of squares indicates the estimated salience of anti-elite rhetoric according to the proportion of "general" elite criticism instances. Lighter values correspond to higher salience. Grey-shaded squares mark party-quarters for which no tweets are available to compute an estimate although the party was included in our dataset in this quarter. Squares left blank (white) mark periods for which a given party was not included in our dataset in this quarter.

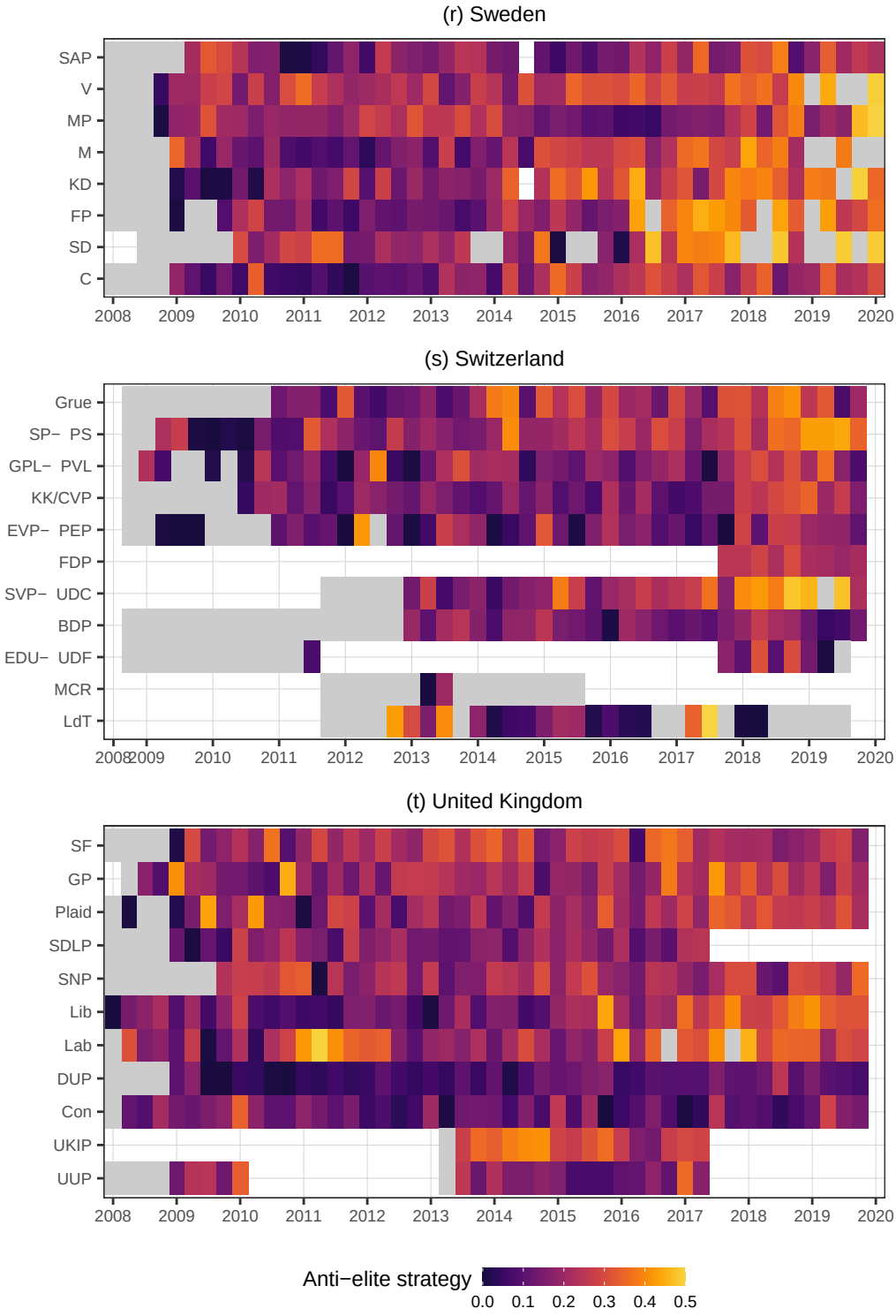

Figure S.8: Probability-based estimates of parties' anti-elite strategies computed at party-quarters. One square plotted per party-quarter estimate. Coloring of squares indicates the estimated salience of anti-elite rhetoric according to the proportion of "general" elite criticism instances. Lighter values correspond to higher salience. Grey-shaded squares mark party-quarters for which no tweets are available to compute an estimate although the party was included in our dataset in this quarter. Squares left blank (white) mark periods for which a given party was not included in our dataset in this quarter.

C References

Döring, Holger and Philip Manow (2019). *Parliaments and Governments Database (ParlGov): Information on Parties, Elections and Cabinets in Modern Democracies.*