Supplementary Material - Following the trail of words: mapping trending topics of graduate research in Brazil's IR (1987-2018)

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Table 1: Topic Labels

Number	Topic Label	Highest Probabilities	FREX
1	N/A	proc, autonom, institut, procur, ide, diverg, term, relat, trad, pont, sent, vist, condicion, conteud, percepc	institut, proc, autonom, diverg, procur, trad, term, conteud, relat, ide, condicion, defend, pont, articul, alemanh
2	N/A	control, investig, inform, agenc, ativ, oportun, servic, camp, sistem, ferrament, envolv, possibil, import, prat, papel	control, agenc, oportun, inform, investig, servic, ativ, ferrament, sober, atribu, camp, tip, possibil, difus, noc
3	Industry, Technology, and Innovation	tecnolog, inov, industr, risc, sistem, nov, desafi, conhec, impact, transform, mold, enfrent, planej, agent, elev	tecnolog, inov, risc, industr, mold, desafi, planej, conhec, elev, enfrent, impact, produ, agent, transform, reduz
4	Foreign Policy Decision-Making	presid, particip, congress, execu, ade, legisl, mandat, decid, trat, deciso, int, acord, republ, tent, consequ	presid, congress, execu, decid, ade, mandat, legisl, particip, deciso, plen, deu, sen, tent, atenc, republ
5	Agricultural Negotiations	negoci, int, domest, comerc, grup, form, coaliz, pos, rod, prefer, agricol, atu, influenc, deci, nivel	negoci, coaliz, domest, rod, prefer, agricol, comerc, int, pos, minist, grup, protocol, reun, influenc, deciso
6	N/A	contribu, real, conhec, influ, cienc, bas, natur, levant, exerc, possibil, alcanc, encontr, dificuldad, vis, posi	real, contribu, cienc, conhec, levant, dificuldad, posi, exerc, influ, natur, alcanc, cientif, possibil, individ, encontr
7	Southern Cone States	argentin, inserc, urugu, paragu, mudanc, period, ocorr, moment, seri, desenvolvi, transform, lug, espec, cen, econom	inserc, argentin, urugu, paragu, desenvolvi, seri, perif, lug, men, configur, imper, profund, moment, mudanc, desempenh
8	Bi and Multilateral Relations	relacion, diplom, bilat, dec, period, inic, parc, aproxim, ano, estabelec, multilat, pass, marc, conjunt, long	diplom, bilat, relacion, parc, aproxim, dec, period, caract, inic, multilat, abrang, converg, conjunt, estabelec, long
9	Refugees	cond, refugi, pesso, protec, defin, desloc, migr, vis, franc, limit, consequ, atual, centr, relacion, intern	refugi, cond, pesso, desloc, protec, franc, migr, defin, limit, posteri, fornec, consequ, crite, vis, categor
10	Strategic Studies	estrateg, mar, marit, atual, capac, defe, nacion, cen, domini, form, mod, convenc, import, espec, nov	mar, estrateg, marit, domini, capac, atual, convenc, projec, potenc, aqui, disput, contest, mod, cen, defe
11	Environment and Climate Change	mudanc, ambi, domest, clim, ambient, nivel, regim, implement, alter, deci, ambit, confer, compromiss, impact, envolv	mudanc, ambi, clim, ambient, domest, nivel, alter, implement, compromiss, confer, regim, deci, indic, reduc, impact
12	Health and Education Policies	cooper, tecn, sulsul, camp, acord, coorden, ambit, ano, dimen, forum, conjunt, ult, emerg, estabelec, parc	cooper, sulsul, tecn, coorden, forum, camp, transfer, combin, modal, parc, dimen, benefici, ate, prov, acord
13	International Cooperation	nacion, plan, institu, banc, mund, educ, saud, elabor, human, ref, instituc, administr, cri, form, import	banc, plan, educ, saud, institu, elabor, administr, nacion, basic, promoc, mund, profiss, instituc, human, especi
14	European Studies	europ, uni, institu, trat, comunidad, comum, subsidi, constitu, instituc, sistem, intergoverna, alemanh, nece, bas, cri	europ, uni, subsidi, institu, comum, intergoverna, comunidad, alemanh, trat, equilib, instituc, constitu, reform, condicion, regr
15	History	histor, secul, pen, temp, pass, moment, final, dec, long, xxi, imperi, form, ideolog, period, muit	secul, histor, pen, temp, imperi, xxi, xix, ideolog, moment, long, final, continu, metad, pass, estev

Table 1: Topic Labels *(continued)*

Number	Topic Label	Highest Probabilities	FREX
16	Amazon and Borders	fronteir, recur, amazon, reg, sustent, trat, territo, ambient, prat, natur, bac, conflit, gest, int, compartilh	fronteir, amazon, recur, sustent, bac, territo, reg, ambient, gest, compartilh, natur, rio, prat, territor, reserv
17	International Economy	econom, financ, sistem, capit, glob, cris, emerg, hegemon, mund, estrut, form, reform, ord, nov, centr	financ, capit, hegemon, econom, emerg, monet, cris, glob, sistem, reform, neolib, expan, acumul, liber, ord
18	Multilateral Trade Regimes	acord, comerci, multilat, propriedad, intelect, omc, organiz, soluc, mund, regim, controv, sistem, mecan, med, contenc	propriedad, comerci, omc, acord, multilat, intelect, controv, soluc, contenc, regr, mecan, acess, restr, declar, favor
19	Terrorism	terr, grup, combat, contr, setembr, atent, ameac, segu, jog, govern, uso, ataqu, bas, defin, mund	terr, combat, atent, setembr, grup, contr, jog, ataqu, ameac, segu, abrang, administr, uso, lanc, confront
20	Gender Studies	mulh, gener, traf, viol, explor, contr, vid, hom, enfrent, repres, desafi, lid, atu, difer, crim	mulh, gener, traf, viol, hom, vid, explor, enfrent, crim, lut, corp, resist, ocup, lid, contr
21	Portuguese Africa	independ, angol, afric, portugu, mocambiqu, conflit, colon, mov, portug, frent, apo, revoluc, contin, dur, ano	angol, independ, portugu, mocambiqu, colon, portug, afric, revoluc, frent, lingu, mov, ocup, antig, social, contin
22	Inter-American HR System	direitoshumano, interamer, cort, protec, sistem, confer, comiss, direit, cumpr, deci, institu, instrument, med, respeit, evoluc	interamer, direitoshumano, cort, comiss, protec, confer, cumpr, org, direit, deci, justic, respeit, individu, carat, convenc
23	National Defense	defe, milit, forc, arm, aer, nacion, empreg, exercit, oper, capac, aeron, form, operac, civil, nece	milit, aer, defe, forc, exercit, aeron, arm, empreg, operac, capac, oper, civil, cur, prepar, gest
24	Migration Flows	soc, imigr, nacion, migr, desigualdad, form, flux, comunidad, pertenc, indic, nivel, impact, fronteir, mobil, influenc	imigr, soc, desigualdad, migr, pertenc, flux, mobil, indic, pobr, interi, nacion, provoc, comunidad, diminu, logic
25	Peace Operations	paz, oper, onu, conflit, mis, organiz, manutenc, parec, resoluc, naca, atu, unid, reconstruc, particip, estabelec	paz, onu, oper, parec, mis, conflit, manutenc, resoluc, reconstruc, pacif, liber, soluc, organiz, naca, republ
26	UN Security Council	unid, naca, conselh, organiz, membr, comport, org, aprov, reform, vot, resoluc, perman, verif, geral, deci	unid, conselh, naca, vot, membr, aprov, org, comport, perman, resoluc, reform, organiz, lig, lei, verif
27	Traditional Communities	crit, modern, escol, indigen, pov, ingl, contemporan, religi, mov, sab, viv, corr, sociedad, moral, ano	indigen, escol, modern, crit, ingl, religi, pov, sab, viv, moral, corr, contemporan, express, contrad, logic
28	Energy Resources	energ, petrol, venezuel, chav, recur, natur, econom, boliv, reg, set, font, import, nacion, ano, reserv	energ, petrol, venezuel, chav, boliv, recur, natur, reserv, matriz, font, disput, renov, set, geopoli, produt
29	US Foreign Policy	guerr, eua, norteamer, unid, mund, conflit, medi, apo, iraqu, estadunid, orient, guerrafria, milit, doutrin, influ	eua, norteamer, guerr, iraqu, medi, estadunid, bush, conflit, guerrafria, doutrin, apo, unid, orient, mund, georg
30	South American Integration	region, sul, amer, sulamer, defe, reg, integr, infraestrut, unasul, integracaoregion, inic, agend, complex, form, mecan	region, sulamer, sul, unasul, infraestrut, amer, integracaoregion, defe, reg, lideranc, agend, fisic, complex, integr, mecan
31	Humanitarian Intervention	intervenc, human, humanitar, respon, prat, viol, norm, uso, forc, proteg, legitim, ocorr, organiz, soberan, nov	intervenc, humanitar, respon, human, proteg, viol, legitim, uso, norm, prat, posguerrafria, assist, soberan, forc, legit

Table 1: Topic Labels *(continued)*

Number	Topic Label	Highest Probabilities	FREX
32	Nuclear Regime	regim, nucl, arm, trat, convenc, assinat, acord, form, pos, papel, deci, lev, inic, revi, verif	nucl, regim, arm, assinat, convenc, complet, avanc, revi, trat, pos, pacif, comport, perm, continu, examin
33	Intl. Security and Drug Trafficking	seguranc, ameac, colomb, securi, guerrafria, drog, med, agend, defe, nov, nacion, reg, traf, intern, conflit	seguranc, securi, colomb, ameac, drog, guerrafria, traf, agend, med, assunt, preocup, respost, defe, hemisf, implic
34	Diplomacy	cult, val, instrument, form, diver, art, lingu, import, diplomac, examin, popul, ferrament, ident, fundament, dimen	cult, val, art, lingu, instrument, ferrament, manifest, popul, ident, examin, diver, pov, intercambi, diplomac, dimen
35	International Economic Crises	extern, intern, cris, econom, ano, ajud, inic, period, condicion, pobr, div, diret, lad, int, receb	extern, cris, intern, ajud, div, pobr, condicion, receb, met, macroeconom, perfil, diret, ano, lad, econom
36	Post-Positivism	discur, construc, ident, form, prat, repres, estat, narr, constitu, ide, constru, torn, sent, camp, fal	discur, ident, construc, narr, fal, estat, constru, leit, repres, imagin, diferenc, categor, prat, concepc, ide
37	Subnational Actors	espac, local, nov, cidad, rio, torn, urban, govern, jan, vez, form, atu, centr, dinam, ond	espac, cidad, local, urban, rio, jan, torn, habit, nov, traz, ond, pouc, unidad, dinam, vez
38	Southern Cone Integration	integr, mercosul, bloc, integracaoregion, cri, comum, econom, membr, region, livr, merc, assimetr, direcion, avanc, instrument	mercosul, integr, bloc, integracaoregion, comum, direcion, membr, livr, assimetr, avanc, cri, protocol, eix, merc, sup
39	Asian Powers	chin, russ, pot, geopoli, grand, jap, asi, ocid, reg, sovi, asia, ascen, nov, centr, sistem	chin, russ, pot, asi, jap, geopoli, asia, ocid, sovi, ascen, grand, lest, rival, compet, republ
40	Foreign Investment	empr, invest, set, regul, priv, merc, estrang, nacion, internacion, grand, estat, atr, contrat, cri, mecan	empr, invest, priv, regul, set, estrang, contrat, internacion, merc, atr, estat, efici, regula, efet, diret
41	Natl. Perception and Public Opinion	public, comun, diplomac, grand, jorn, nov, inter, opin, exteri, man, camp, percepc, mid, veicul, empreend	comun, public, jorn, opin, diplomac, mid, inter, veicul, man, exteri, empreend, mape, grand, inclusiv, event
42	Political Regime	democr, democrac, ord, pass, tran, nov, ide, institucion, cri, instituc, consolid, verdad, repres, construtiv, papel	democrac, democr, tran, ord, verdad, institucion, construtiv, pass, ide, cole, consolid, epoc, inspir, instituc, interpret
43	International Law	direit, norm, jurid, principi, tribun, sistem, nacion, fundament, crim, jurisd, human, orden, intern, espec, legal	jurid, direit, tribun, principi, norm, jurisd, orden, crim, legal, justic, obrig, constituc, fundament, regr, lei
44	International Trade	econom, comerc, cresc, comerci, export, produt, merc, set, mund, import, industr, aument, indic, med, alt	comerc, export, cresc, produt, econom, comerci, balanc, merc, produ, set, alt, aument, industr, cust, indic
45	Non-state Actors	organiz, sociedad, glob, civil, red, mov, transnac, global, governanc, atu, particip, nov, mund, transform, papel	sociedad, red, civil, glob, transnac, governanc, organiz, global, mov, ong, aliment, transform, governa, particip, atu
46	Geopolitics in the Atlantic	sul, afric, nort, ind, contin, atlan, document, revi, delimit, limit, organiz, import, reg, alianc, ambit	nort, afric, ind, atlan, sul, contin, delimit, document, revi, alianc, projec, enquadr, dia, naquel, mant
47	Brazilian Foreign Policy	govern, politicaexterna, peb, period, lul, exteri, atu, nacion, dur, formul, diplomac, papel, ano, pos, minist	politicaexterna, govern, peb, lul, exteri, formul, itamarati, fhc, atu, dur, minist, period, diplomac, conduc, abert

Table 1: Topic Labels *(continued)*

Number	Topic Label	Highest Probabilities	FREX
48	Latin American Integration	amer, latin, latinoamer, reg, nov, sul, mexic, econom, con, vis, ano, grand, form, hegemon, dec	latin, latinoamer, amer, con, mexic, reg, hegemon, neolib, rio, livr, vis, frent, sul, entret, alc
49	MINUSTAH	hait, naca, unid, estabil, oper, mis, organiz, manutenc, cont, engaj, empreg, lest, paz, estabelec, envolv	hait, estabil, mis, manutenc, engaj, naca, lest, oper, cont, empreg, eficac, unid, obstacul, conselh, obt

Table 2: Summary Statistics

	N	Mean	SD	Min	Q1	Median	Q3	Max
Topic1	2417	0.016	0.037	0.000	0.003	0.006	0.013	0.653
Topic2	2417	0.012	0.026	0.000	0.003	0.005	0.010	0.452
Topic3	2417	0.014	0.042	0.000	0.003	0.005	0.009	0.750
Topic4	2417	0.011	0.038	0.000	0.001	0.003	0.007	0.935
Topic5	2417	0.021	0.072	0.000	0.002	0.004	0.010	0.944
Topic6	2417	0.025	0.041	0.001	0.009	0.014	0.024	0.782
Topic7	2417	0.016	0.038	0.000	0.003	0.005	0.011	0.650
Topic8	2417	0.024	0.054	0.000	0.003	0.008	0.019	0.667
Topic9	2417	0.014	0.049	0.000	0.002	0.003	0.007	0.704
Topic10	2417	0.016	0.043	0.000	0.004	0.006	0.012	0.740
Topic11	2417	0.025	0.065	0.000	0.005	0.008	0.017	0.855
Topic12	2417	0.018	0.053	0.000	0.003	0.005	0.010	0.816
Topic13	2417	0.021	0.050	0.000	0.005	0.008	0.016	0.824
Topic14	2417	0.016	0.049	0.000	0.003	0.005	0.009	0.946
Topic15	2417	0.037	0.055	0.001	0.010	0.017	0.037	0.565
Topic16	2417	0.020	0.058	0.000	0.003	0.006	0.011	0.817
Topic17	2417	0.037	0.086	0.000	0.005	0.010	0.024	0.906
Topic18	2417	0.021	0.072	0.000	0.002	0.003	0.008	0.842
Topic19	2417	0.013	0.042	0.000	0.003	0.004	0.008	0.887
Topic20	2417	0.012	0.058	0.000	0.001	0.002	0.004	0.854
Topic21	2417	0.016	0.061	0.000	0.002	0.003	0.006	0.833
Topic22	2417	0.015	0.064	0.000	0.001	0.003	0.006	0.895
Topic23	2417	0.032	0.095	0.000	0.003	0.005	0.010	0.912
Topic24	2417	0.015	0.048	0.000	0.002	0.004	0.009	0.632
Topic25	2417	0.021	0.068	0.000	0.002	0.004	0.010	0.830
Topic26	2417	0.022	0.049	0.000	0.005	0.008	0.016	0.679
Topic27	2417	0.020	0.064	0.000	0.002	0.005	0.012	0.884
Topic28	2417	0.013	0.056	0.000	0.001	0.002	0.004	0.731
Topic29	2417	0.027	0.061	0.000	0.004	0.008	0.018	0.786
Topic30	2417	0.024	0.068	0.000	0.002	0.005	0.011	0.750
Topic31	2417	0.018	0.069	0.000	0.001	0.003	0.008	0.863
Topic32	2417	0.017	0.063	0.000	0.002	0.004	0.008	0.868
Topic33	2417	0.021	0.054	0.000	0.003	0.006	0.012	0.638
Topic34	2417	0.017	0.059	0.000	0.002	0.005	0.009	0.884
Topic35	2417	0.023	0.058	0.000	0.004	0.008	0.017	0.941
Topic36	2417	0.029	0.070	0.000	0.004	0.008	0.018	0.837
Topic37	2417	0.022	0.058	0.000	0.004	0.007	0.015	0.849
Topic38	2417	0.020	0.054	0.000	0.003	0.005	0.011	0.830
Topic39	2417	0.023	0.064	0.000	0.002	0.005	0.011	0.682
Topic40	2417	0.019	0.051	0.000	0.003	0.005	0.010	0.629
Topic41	2417	0.018	0.047	0.000	0.004	0.007	0.013	0.673
Topic42	2417	0.019	0.047	0.000	0.003	0.007	0.014	0.772
Topic43	2417	0.023	0.070	0.000	0.003	0.005	0.011	0.910
Topic44	2417	0.028	0.069	0.000	0.004	0.008	0.019	0.750
Topic45	2417	0.029	0.058	0.000	0.006	0.011	0.023	0.690
Topic46	2417	0.014	0.045	0.000	0.002	0.004	0.008	0.821
Topic47	2417	0.041	0.068	0.000	0.007	0.014	0.043	0.640
Topic48	2417	0.018	0.051	0.000	0.002	0.005	0.010	0.764
Topic49	2417	0.006	0.038	0.000	0.002	0.003	0.004	0.908
year	2417	2010.763	6.287	1987.000	2007.000	2012.000	2016.000	2018.000

Table 3: Polynomial Models (1)

	Dependent variable:								
	Topic3	Topic4	Topic5	Topic7	Topic8	Topic9	Topic10	Topic11	Topic12
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
poly(year, 5)1	0.104^{**}	-0.007	-0.263^{***}	-0.088^{**}	-0.364^{***}	0.121^{**}	0.279^{***}	-0.185^{***}	0.204^{***}
	(0.042)	(0.038)	(0.072)	(0.038)	(0.054)	(0.049)	(0.043)	(0.065)	(0.053)
poly(year, 5)2	0.172^{***}	-0.070^{*}	-0.326^{***}	-0.071^{*}	0.049	0.002	0.143^{***}	0.019	-0.009
	(0.042)	(0.038)	(0.072)	(0.038)	(0.054)	(0.049)	(0.043)	(0.065)	(0.053)
poly(year, 5)3	0.061	0.020	0.026	0.058	-0.162^{***}	0.056	0.005	0.124^{*}	-0.118^{**}
	(0.042)	(0.038)	(0.072)	(0.038)	(0.054)	(0.049)	(0.043)	(0.065)	(0.053)
poly(year, 5)4	0.013	0.020	0.116	0.054	-0.114^{**}	0.054	-0.078^{*}	-0.080	-0.107^{**}
	(0.042)	(0.038)	(0.072)	(0.038)	(0.054)	(0.049)	(0.043)	(0.065)	(0.053)
poly(year, 5)5	0.004	-0.038	0.052	0.036	0.140^{***}	0.006	-0.079^{*}	0.057	-0.017
	(0.042)	(0.038)	(0.072)	(0.038)	(0.054)	(0.049)	(0.043)	(0.065)	(0.053)
Constant	0.014^{***}	0.011^{***}	0.021^{***}	0.016^{***}	0.024^{***}	0.014^{***}	0.016^{***}	0.025^{***}	0.018^{***}
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Observations	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417

Note: *p<0.1; **p<0.05; ***p<0.01

Table 4: Polynomial Models (2)

	Dependent variable:							
	Topic13	Topic14	Topic15	Topic16	Topic17	Topic18	Topic19	Topic20
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
poly(year, 5)1	−0.080	−0.105**	0.032	−0.074	0.314***	−0.388***	0.024	0.133**
	(0.050)	(0.049)	(0.055)	(0.058)	(0.086)	(0.072)	(0.042)	(0.058)
poly(year, 5)2	0.008	−0.006	−0.056	−0.032	0.297***	−0.297***	−0.027	0.121**
	(0.050)	(0.049)	(0.055)	(0.058)	(0.086)	(0.072)	(0.042)	(0.058)
poly(year, 5)3	0.062	0.103**	−0.065	−0.017	0.065	0.051	0.077*	0.140**
	(0.050)	(0.049)	(0.055)	(0.058)	(0.086)	(0.072)	(0.042)	(0.058)
poly(year, 5)4	−0.039	0.100**	−0.014	0.026	−0.303***	0.047	0.094**	0.040
	(0.050)	(0.049)	(0.055)	(0.058)	(0.086)	(0.072)	(0.042)	(0.058)
poly(year, 5)5	−0.065	0.081*	−0.052	0.154***	−0.092	−0.026	0.084**	0.014
	(0.050)	(0.049)	(0.055)	(0.058)	(0.086)	(0.072)	(0.042)	(0.058)
Constant	0.021***	0.016***	0.037***	0.020***	0.037***	0.021***	0.013***	0.012***
	(0.001)	(0.001)	(0.001)	(0.001)	(0.002)	(0.001)	(0.001)	(0.001)
Observations	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417

Note: *p<0.1; **p<0.05; ***p<0.01

Table 5: Polynomial Models (3)

	Dependent variable:							
	Topic21	Topic22	Topic23	Topic24	Topic25	Topic26	Topic27	Topic28
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
poly(year, 5)1	−0.085	−0.238***	0.968***	0.053	0.028	−0.038	0.073	0.133**
	(0.061)	(0.063)	(0.092)	(0.048)	(0.068)	(0.049)	(0.064)	(0.056)
poly(year, 5)2	0.007	0.013	0.623***	−0.068	0.012	−0.095*	0.016	−0.031
	(0.061)	(0.063)	(0.092)	(0.048)	(0.068)	(0.049)	(0.064)	(0.056)
poly(year, 5)3	0.087	0.029	0.257***	−0.010	0.098	−0.043	−0.008	−0.095*
	(0.061)	(0.063)	(0.092)	(0.048)	(0.068)	(0.049)	(0.064)	(0.056)
poly(year, 5)4	−0.130**	0.139**	0.070	−0.021	0.016	−0.101**	0.040	−0.061
	(0.061)	(0.063)	(0.092)	(0.048)	(0.068)	(0.049)	(0.064)	(0.056)
poly(year, 5)5	−0.099	−0.181***	0.040	−0.086*	0.028	−0.057	0.00000	0.002
	(0.061)	(0.063)	(0.092)	(0.048)	(0.068)	(0.049)	(0.064)	(0.056)
Constant	0.016***	0.015***	0.032***	0.015***	0.021***	0.022***	0.020***	0.013***
	(0.001)	(0.001)	(0.002)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Observations	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417

Note: *p<0.1; **p<0.05; ***p<0.01

Table 6: Polynomial Models (4)

	Dependent variable:							
	Topic29	Topic30	Topic31	Topic32	Topic33	Topic34	Topic35	Topic36
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
poly(year, 5)1	−0.084	0.228***	0.001	−0.173***	0.125**	−0.150**	−0.422***	0.311***
	(0.061)	(0.067)	(0.069)	(0.063)	(0.054)	(0.058)	(0.057)	(0.070)
poly(year, 5)2	−0.059	−0.144**	−0.134*	−0.036	−0.099*	0.106*	0.194***	−0.034
	(0.061)	(0.067)	(0.069)	(0.063)	(0.054)	(0.058)	(0.057)	(0.070)
poly(year, 5)3	−0.005	−0.284***	−0.046	0.025	−0.074	−0.142**	−0.060	−0.113
	(0.061)	(0.067)	(0.069)	(0.063)	(0.054)	(0.058)	(0.057)	(0.070)
poly(year, 5)4	0.181***	−0.174***	−0.021	−0.062	−0.064	0.159***	0.100*	−0.035
	(0.061)	(0.067)	(0.069)	(0.063)	(0.054)	(0.058)	(0.057)	(0.070)
poly(year, 5)5	−0.003	−0.035	0.051	−0.069	−0.030	−0.066	0.063	0.075
	(0.061)	(0.067)	(0.069)	(0.063)	(0.054)	(0.058)	(0.057)	(0.070)
Constant	0.027***	0.024***	0.018***	0.017***	0.021***	0.017***	0.023***	0.029***
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Observations	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417

Note: *p<0.1; **p<0.05; ***p<0.01

Table 7: Polynomial Models (5)

	Dependent variable:							
	Topic37	Topic38	Topic39	Topic40	Topic41	Topic42	Topic43	Topic44
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
poly(year, 5)1	0.249^{***}	-0.163^{***}	0.350^{***}	-0.004	0.162^{***}	-0.102^{**}	-0.286^{***}	-0.219^{***}
	(0.058)	(0.054)	(0.064)	(0.051)	(0.047)	(0.047)	(0.069)	(0.069)
poly(year, 5)2	0.042	-0.152^{***}	0.056	0.025	-0.032	-0.138^{***}	-0.192^{***}	-0.049
	(0.058)	(0.054)	(0.064)	(0.051)	(0.047)	(0.047)	(0.069)	(0.069)
poly(year, 5)3	-0.088	0.105^{*}	-0.141^{**}	0.140^{***}	-0.077	0.053	0.073	-0.120^{*}
	(0.058)	(0.054)	(0.064)	(0.051)	(0.047)	(0.047)	(0.069)	(0.069)
poly(year, 5)4	-0.119^{**}	0.045	-0.145^{**}	0.049	-0.019	0.036	0.155^{**}	0.123^{*}
	(0.058)	(0.054)	(0.064)	(0.051)	(0.047)	(0.047)	(0.069)	(0.069)
poly(year, 5)5	0.019	-0.100^{*}	-0.070	0.009	0.061	-0.045	-0.069	-0.046
	(0.058)	(0.054)	(0.064)	(0.051)	(0.047)	(0.047)	(0.069)	(0.069)
Constant	0.022^{***}	0.020^{***}	0.023^{***}	0.019^{***}	0.018^{***}	0.019^{***}	0.023^{***}	0.028^{***}
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Observations	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417

Note: *p<0.1; **p<0.05; ***p<0.01

Table 8: Polynomial Models (6)

	Dependent variable:				
	Topic45	Topic46	Topic47	Topic48	Topic49
	(1)	(2)	(3)	(4)	(5)
poly(year, 5)1	−0.082	0.245***	0.006	−0.181***	0.014
	(0.058)	(0.045)	(0.067)	(0.051)	(0.037)
poly(year, 5)2	−0.060	0.137***	−0.155**	0.041	−0.078**
	(0.058)	(0.045)	(0.067)	(0.051)	(0.037)
poly(year, 5)3	0.022	−0.043	−0.063	0.013	−0.105***
	(0.058)	(0.045)	(0.067)	(0.051)	(0.037)
poly(year, 5)4	−0.018	−0.029	−0.120*	0.198***	−0.028
	(0.058)	(0.045)	(0.067)	(0.051)	(0.037)
poly(year, 5)5	0.117**	0.078*	−0.091	−0.045	0.063*
	(0.058)	(0.045)	(0.067)	(0.051)	(0.037)
Constant	0.029***	0.014***	0.041***	0.018***	0.006***
	(0.001)	(0.001)	(0.001)	(0.001)	(0.001)
Observations	2,417	2,417	2,417	2,417	2,417
Note:	*p<0.1; **p<0.05; ***p<0.01				