

Contributions to the computational processing of diachronic linguistic corpora

Cunha, E. Landulfo Teixeira Paradela

Citation

Cunha, E. L. T. P. (2020, March 19). Contributions to the computational processing of diachronic linguistic corpora. LOT dissertation series. LOT, Amsterdam. Retrieved from https://hdl.handle.net/1887/133504

Version: Publisher's Version

License: License agreement concerning inclusion of doctoral thesis in the

Institutional Repository of the University of Leiden

Downloaded from: https://hdl.handle.net/1887/133504

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle http://hdl.handle.net/1887/133504 holds various files of this Leiden University dissertation.

Author: Cunha, E. Landulfo Teixeira Paradela

Title: Contributions to the computational processing of diachronic linguistic corpora

Issue date: 2020-03-19

APPENDIX A

Lexical heritage from past decades (data)

In Section 3.4.3, we mention the most common words in decade 2000s that, according to the algorithm proposed, were established in the Corpus of Historical American English (COHA) in particular previous decades. In this appendix, we display the lists containing these words (+ PoS tags), which are ordered according to their frequency in decade 2000s.

COHA employs PoS tags from the UCREL CLAWS7 Tagset. The complete description of these tags, including examples, is available at http://ucrel.lancs.ac.uk/claws7tags.html. The tags that occur in this table and in the other tables at Chapter 3 are:

cc: coordinating conjunction;

cs: subordinating conjunction;

ii32: general preposition (as part of a sequence);

jj: general adjective;

jjr: general comparative adjective;

mc: cardinal number, neutral for number;

```
mc2: plural cardinal number;
nn: common noun, neutral for number;
nn1: singular common noun;
nn122: singular common noun (as part of a sequence);
nn2: plural common noun;
nna: following noun of title;
nno: noun, neutral for number;
nnt1: temporal noun, singular;
nnt2: temporal noun, plural;
nnu: unit of measurement, neutral for number;
nnu2: plural unit of measurement;
ra: adverb, after nominal head;
rl: locative adverb;
rr: general adverb;
rt: quasi-nominal adverb of time;
to: infinitive marker;
uh: interjection;
vv0: base form of lexical verb;
vvd: past tense of lexical verb;
vvg: -ing participle of lexical verb;
vvgk: -ing participle catenative;
vvi: infinitive;
vvn: past participle of lexical verb;
vvz: -s form of lexical verb.
```

1850s	1860s	1870s	1880s
$scientists_nn2$	$photo_nn1$	$phone_nn1$	radio_nn1
$experts_nn2$	baseball_nn1	$programs_nn2$	skills_nn2
bike_nn1	$photograph_vv0$	$photos_nn2$	$researchers_nn2$
regional_jj	$cigarette_nn1$	hallway_nn1	golf_nn1
$detective_nn1$	$options_nn2$	long-term_jj	parking_nn1
$focused_vvn$	$cops_nn2$	makeup_nn1	ceo_nn1
$tablespoons_nn2$	typically_rr	$downtown_{jj}$	$soviet_{jj}$
$strategies_nn2$	protein_nn1	focus_vvi	$networks_nn2$
$terrorists_nn2$	$telephone_nn1$	$classroom_nn1$	$techniques_nn2$
users $_nn2$	$concept_nn1$	$diabetes_nn1$	$ratings_nn2$
$shorts_nn2$	dna_nn1	bacteria_nn2	$nonetheless_rr$
$scientist_nn1$	genetic_jj	driveway_nn1	korean_jj
technique_nn1	$ethnic_{jj}$	racial_jj	$consultant_nn1$
ongoing_jj	$grabs_vvz$	immune_jj	hockey_nn1
$strategic_{jj}$	backyard_nn1	colorful_jj	viewers_nn2
grill_nn1	$cigarettes_nn2$	taxi_nn1	$olympics_nn2$
$aluminum_nn1$	$\operatorname{cd}_{-} \operatorname{nn} 1$	scenario_nn1	residential_jj
parked_vvn	$concepts_nn2$	$cultures_nn2$	toxic_jj
fake_jj	$spectacular_{jj}$	palestinian_jj	subway_nn1
$downtown_rl$	terrain_nn1	$diagnosed_vvn$	$meaningful_jj$
focusing_vvg	$focused_vvd$	pinta_nn1	$sneakers_nn2$
photographer_nn1	$specialist_nn1$	gasoline_nn1	predictable_jj
$treatments_nn2$	shotgun_nn1	$adolescents_nn2$	$championships_nn2$
$trailer_nn1$	$sensed_vvd$	$evaluation_nn1$	$binoculars_nn2$
bicycle_nn1	$worldwide_rl$	victorian_jj	foyer_nn1
$flipped_vvd$	$fingertips_nn2$	$semester_nn1$	$asset_nn1$
$gestured_vvd$	aging_jj	bartender_nn1	$dioxide_nn1$
canyon_nn1	$underwear_nn1$	$halloween_nnt1$	$initiatives_nn2$
biology_nn1	clarity_nn1	$\operatorname{cardboard}_{\ \ jj}$	coaching_nn1
$ambulance_nn1$	$optimistic_jj$	$collaboration_nn1$	heck_nn1
$variables_nn2$	$technological_{jj}$	$headlights_nn2$	$orientation_nn1$
$institutional_jj$	$emotionally_rr$	fingernails_nn2	overseas_rl
$slowed_vvd$	$yanked_vvd$	housing_vvg	$focuses_vvz$
$buses_nn2$	$specialists_nn2$	$starters_nn2$	$kilometers_nnu2$
$providers_nn2$	$obsession_nn1$	neon_nn1	interactive_jj
productivity_nn1	$starter_nn1$	ramp_nn1	penis_nn1
$businessman_nn1$	$headlines_nn2$	$output_nn1$	$unpredictable_{jj}$
$interactions_nn2$	lethal_jj	$interviewed_vvn$	technician_nn1
cosmic_jj	zoo_nn1	$overweight_jj$	$touchdown_nn1$
overly_rr	$raiders_nn2$	plasma_nn1	seasonal_jj
$vibrant_{jj}$	$motors_nn2$	$shortage_nn1$	shack_nn1
ironic_jj	peanut_nn1	$microphone_nn1$	$capitalism_nn1$
$livestock_nn$	$innings_nn$	$format_nn1$	$_{ m hmm_uh}$
yep_uh	broccoli_nn1	$developers_nn2$	arthritis_nn1
$heartbeat_nn1$	$awesome_{jj}$	$investor_nn1$	$sweetie_nn1$
$\operatorname{armored}_{\mathbf{jj}}$	$fictional_jj$	$outcomes_nn2$	$entrepreneur_nn1$
$detectives_nn2$	$aftermath_nn1$	$touch_ii32$	abs_{jj}
$toddler_nn1$	$\operatorname{canned}_{\mathbf{jj}}$	$finals_nn2$	scoring_nn1
eerie_jj	$evolutionary_jj$	${\rm developer_nn1}$	$backdrop_nn1$
$inning_nn1$	$vulnerability_nn1$	biologist_nn1	$comeback_nn1$

1890s	1900s	1910s	1920s
movie_nn1	computer_nn1	gon_vvgk	okay_rr
na_to	global_jj	electronic_jj	video_nn1
television_nn1	shit_nn1	aids_nn1	iraqi_jj
environmental_jj	movies_nn2	servings_nn2	airport_nn1
nuclear_jj	$weekend_nnt1$	sox_nn2	boyfriend_nn1
$basketball_nn1$	soccer_nn1	pickup_nn1	$sexy_jj$
garage_nn1	calories_nnu2	agenda_nn1	$robot_nn1$
ta_to	jazz_nn1	$helicopter_nn1$	$cholesterol_nn1$
overall_jj	coverage_nn1	fuck_nn1	workout_nn1
$the rapy_nn1$	genes_nn2	kidding_vvg	bikes_nn2
terrorist_jj	$muslim_{jj}$	featuring_vvg	airlines_nn2
clinic_nn1	$aircraft_nn$	$lipstick_nn1$	$antibiotics_nn2$
$mommy_nn1$	$someday_rt$	$goddamn_{jj}$	$\mathrm{and/or_cc}$
wireless_nn1	quarterback_nn1	$teammates_nn2$	nonprofit_jj
gym_nn1	$technologies_nn2$	$windshield_nn1$	vitamin_nn1
islamic_jj	pm_ra	$someplace_rl$	$hometown_nn1$
phones_nn2	rookie_nn1	lineup_nn1	$activist_nn1$
basically_rr	$emissions_nn2$	$parked_vvd$	airline_nn1
$scheduled_vvn$	$suitcase_nn1$	$nationwide_rl$	briefcase_nn1
$awareness_nn1$	buddy_nn1	$part-time_jj$	playoffs_nn2
initially_rr	$activists_nn2$	cafeteria_nn1	wheelchair $_nn1$
$analysts_nn2$	hispanic_jj	$backseat_nn1$	yoga_nn1
$tablespoon_nn1$	$muslims_nn2$	prestigious_jj	allegedly_rr
sector_nn1	$regulatory_jj$	$helicopters_nn2$	$coordinator_nn1$
$sweater_nn1$	$expertise_nn1$	dick_nn1	footage_nn1
coastal_jj	airplane_nn1	$motivated_vvn$	insulin_nn1
$full-time_jj$	$jeep_nn1$	$vitamins_nn2$	$columnist_nn1$
locals_nn2	$routinely_rr$	$sponsored_vvn$	creativity_nn1
homework_nn1	diesel_nn1	podium_nn1	feedback_nn1
flashlight_nn1	skiing_nn1	$\lim_{n \to 1}$	processing_nn1
$weekends_nnt2$	grid_nn1	$overseas_{jj}$	$c'm_vv0$
$homeland_nn1$	$researcher_nn1$	$recordings_nn2$	ecological_jj
ok_{jj}	$\min[jj]$	$airplanes_nn2$	$hormone_nn1$
behaviors_nn2	$feminist_{jj}$	$consultants_nn2$	$onstage_jj$
hiking_vvg	$robots_nn2$	postwar_jj	firefighters_nn2
$sexually_rr$	$syndrome_nn1$	$planners_nn2$	pipeline_nn1
bombing_nn1	carbohydrate_nn1	viruses_nn2	$implementation_nn1$
$deadline_nn1$	priorities_nn2	$lightweight_jj$	highlights_nn2
$motel_nn1$	$all-star_jj$	$protesters_nn2$	nazi_jj
$motivation_nn1$	coconut_nn1	$touchdowns_nn2$	audio_jj
unemployment_nn1	prostate_nn1	flips_vvz	airports_nn2
hike_nn1	nutrients_nn2	artwork_nn1	operational_jj
trauma_nn1	buddies_nn2	campuses_nn2	slacks_nn2
catalog_nn1	containers_nn2	cleanup_nn1	stairwell_nn1
motorcycle_nn1	entrepreneurs_nn2	paranoid_jj	nylon_nn1
kinda_rr	trillion_nno	highlight_nn1	input_nn1
payroll_nn1	hormones_nn2	breathtaking_jj	aerobic_jj
spotlight_nn1	artifacts_nn2	aspirin_nn	teammate_nn1
vodka_nn1	featured_vvd	small-town_jj	receptionist_nn1
short-term_jj	psychiatrist_nn1	comics_nn2	workouts_nn2

1930s	1940s	1950s
okay_jj	sidebar_nn1	backpack_nn1
$computers_nn2$	girlfriend_nn1	$infrastructure_nn1$
pizza_nn1	t -shirt_nn1	fuckin_rr
fucking_jj	online_rr	ncaa_nn1
israeli_jj	pc_nn1	backup_nn1
$wildlife_nn1$	$teenage_{jj}$	freeway_nn1
$fuck_vv0$	$teenager_nn1$	t -shirts_nn2
nba_nn1	teenagers_nn2	ponytail_nn1
sunglasses_nn2	mainstream_jj	girlfriends_nn2
guidelines_nn2	radar_nn1	salsa_nn1
$siblings_nn2$	upcoming_jj	linebacker_nn1
reportedly_rr	supermarket_nn1	spokeswoman_nn1
laser nn1	innovative jj	sunni nn1
playoff nn1	asshole nn1	steroids nn2
electronics_nn1	workplace nn1	excerpted_vvd
therapist_nn1	microwave_nn1	pakistani_jj
bullshit_nn1	palestinians_nn2	robotic_jj
racism nn1	fridge nn1	pesticides nn2
mph nnu	stereo nn1	superstar_nn1
paperwork nn1	supportive jj	hosting vvg
processor nn1	desktop nn1	interface nn1
fucking_rr	postseason nn1	parameters nn2
programming nn1	sensors nn2	spacecraft nn
labs nn2	monitor vvi	recycling nn1
tourism nn1	israelis nn2	award-winning jj
cds nn2	iraqis nn1	offseason_nn1
medications nn2	basics nn2	surfing_vvg
gop_nn1	breakthrough_nn1	venues_nn2
demographic_jj	fda_nn1	nightstand_nn1
seafood_nn1	irs_nn1	environmentally_rr
condo nn1	estrogen nn1	automated jj
rearview nn1	predators nn2	high-risk jj
saudi_jj	vietnamese_jj	antioxidants_nn2
integrator nn1	monitoring vvg	charismatic jj
behavioral_jj	bikini nn1	oregano_nn1
low-income_jj	monitoring nn1	nascar nn1
adrenaline nn1	airborne jj	life-threatening_jj
bam_vv0	cardiovascular jj	on-site jj
condom nn1	antibiotic nn1	geek nn1
hp_nn1	graffiti_nn	surreal_jj
homeowners nn2	staffers nn2	upbeat_jj
commercials nn2	health-care nn1	module_nn1
$-$ vinyl_nn1	late-night_jj	weaponry_nn1
plywood nn1	thai_jj	chiles_nn2
dj_nn1	viewer nn1	$\stackrel{-}{\text{pollutants}}$ nn2
marijuana_nn1	burgers_nn2	addictive_jj
implemented_vvn	predator nn1	aerospace nn1
boutique_nn1	yogurt nn1	clueless jj
skiers_nn2	targeting_vvg	retro_jj
condoms_nn2	paperback nn1	multimedia nn
	ı -r	

ecosystem_nn1 nonstick_nn1 hip-hop_jj rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	mets_nn2 sustainable_jj ecosystems_nn2 upscale_nn1 medium-high_jj activism_nn1 arguably_rr healthcare_nn1	lifestyle_nn1 african-american_jj suv_nn1 parenting_nn1 genome_nn1	high-tech_jj laptop_nn1 videos_nn2 globalization_nn1
sustainable_jj african-american_jj laptop_nn1 ecosystems_nn2 suv_nn1 videos_nn2 upscale_nn1 parenting_nn1 globalization_nn1 medium-high_jj genome_nn1 database_nn1 activism_nn1 high-profile_jj booker_nn1 arguably_rr workforce_nn1 pcs_nn2 healthcare_nn1 preheat_vv0 cilantro_nn1 mantra_nn1 ceos_nn2 african-americans_nn2 ecosystem_nn1 nonstick_nn1 hip-hop_jj rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	sustainable_jj ecosystems_nn2 upscale_nn1 medium-high_jj activism_nn1 arguably_rr healthcare_nn1	african-american_jj suv_nn1 parenting_nn1 genome_nn1	laptop_nn1 videos_nn2 globalization_nn1
ecosystems_nn2 suv_nn1 videos_nn2 upscale_nn1 parenting_nn1 globalization_nn1 medium-high_jj genome_nn1 database_nn1 activism_nn1 high-profile_jj booker_nn1 arguably_rr workforce_nn1 pcs_nn2 healthcare_nn1 preheat_vv0 cilantro_nn1 mantra_nn1 ceos_nn2 african-americans_nn2 ecosystem_nn1 nonstick_nn1 hip-hop_jj rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	ecosystems_nn2 upscale_nn1 medium-high_jj activism_nn1 arguably_rr healthcare_nn1	suv_nn1 parenting_nn1 genome_nn1	videos_nn2 globalization_nn1
upscale_nn1 parenting_nn1 globalization_nn1 medium-high_jj genome_nn1 database_nn1 activism_nn1 high-profile_jj booker_nn1 arguably_rr workforce_nn1 pcs_nn2 healthcare_nn1 preheat_vv0 cilantro_nn1 mantra_nn1 ceos_nn2 african-americans_nn2 ecosystem_nn1 nonstick_nn1 high-end_jj trehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	upscale_nn1 medium-high_jj activism_nn1 arguably_rr healthcare_nn1	parenting_nn1 genome_nn1	globalization_nn1
medium-high_jjj genome_nn1 database_nn1 activism_nn1 high-profile_jj booker_nn1 arguably_rr workforce_nn1 pcs_nn2 healthcare_nn1 preheat_vv0 cilantro_nn1 mantra_nn1 ceos_nn2 african-americans_nn2 ecosystem_nn1 nonstick_nn1 high-hop_jj rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	medium-high_jj activism_nn1 arguably_rr healthcare_nn1	genome_nn1	_
activism_nn1 high-profile_jj booker_nn1 arguably_rr workforce_nn1 pcs_nn2 healthcare_nn1 preheat_vv0 cilantro_nn1 mantra_nn1 ceos_nn2 african-americans_nn2 ecosystem_nn1 nonstick_nn1 high-hop_jj rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	activism_nn1 arguably_rr healthcare_nn1	-	database nn1
activism_nn1 high-profile_jj booker_nn1 arguably_rr workforce_nn1 pcs_nn2 healthcare_nn1 preheat_vv0 cilantro_nn1 mantra_nn1 ceos_nn2 african-americans_nn2 ecosystem_nn1 nonstick_nn1 high-hop_jj rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	activism_nn1 arguably_rr healthcare_nn1	high-profile ii	aasassass IIII
arguably_rr workforce_nn1 pcs_nn2 healthcare_nn1 preheat_vv0 cilantro_nn1 mantra_nn1 ceos_nn2 african-americans_nn2 ecosystem_nn1 nonstick_nn1 hip-hop_jj rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	healthcare_nn1	mgm-promic JJ	booker nn1
healthcare_nn1 preheat_vv0 cilantro_nn1 mantra_nn1 ceos_nn2 african-americans_nn2 ecosystem_nn1 nonstick_nn1 hip-hop_jj rehab_nn1 sitcom_nn1 high-end_jj ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 bioted_ljj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 pesto_nn1	healthcare_nn1	_	pcs nn2
mantra_nn1 ceos_nn2 african-americans_nn2 ecosystem_nn1 nonstick_nn1 hip-hop_jj rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	_	preheat vv0	_
rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	mantra nn1	ceos nn2	african-americans nn2
rehab_nn1 sitcom_nn1 high-end_jj trendy_jj jihad_nn1 ppg_nnu wetlands_nn2 tsp_nnu sustainability_nn1 lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	ecosystem_nn1	nonstick_nn1	hip-hop_jj
wetlands_nn2tsp_nnusustainability_nn1lasers_nn2dumpster_nn1phd_nnafilmmakers_nn2recycled_jjcondos_nn2filmmaker_nn1networking_nn1counterterrorism_nn1autism_nn1pricey_jjrapper_nn1hosted_vvdcarb_nn1databases_nn2videotape_nn1handheld_jjgdp_nn1disco_nn1world-class_jjbiotech_nn1gays_nn2tofu_nn1state-of-the-art_jjmakeover_vv0sunscreen_nn1catwoman_nn1multicultural_jjderegulation_nn1mid-level_jjbroadband_jjfast-food_jjsame-sex_jjmarina_nn1gurney_nn1buyout_nn1attendees_nn2mid-1990s_mc2algorithms_nn2hosted_vvnethnicity_nn1pesto_nn1	rehab nn1	sitcom nn1	
wetlands_nn2tsp_nnusustainability_nn1lasers_nn2dumpster_nn1phd_nnafilmmakers_nn2recycled_jjcondos_nn2filmmaker_nn1networking_nn1counterterrorism_nn1autism_nn1pricey_jjrapper_nn1hosted_vvdcarb_nn1databases_nn2videotape_nn1handheld_jjgdp_nn1disco_nn1world-class_jjbiotech_nn1gays_nn2tofu_nn1state-of-the-art_jjmakeover_vv0sunscreen_nn1catwoman_nn1multicultural_jjderegulation_nn1mid-level_jjbroadband_jjfast-food_jjsame-sex_jjmarina_nn1gurney_nn1buyout_nn1attendees_nn2mid-1990s_mc2algorithms_nn2hosted_vvnethnicity_nn1pesto_nn1	trendy jj	jihad nn1	ppg nnu
lasers_nn2 dumpster_nn1 phd_nna filmmakers_nn2 recycled_jj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1		tsp nnu	-
filmmakers_nn2 recycled_jjj condos_nn2 filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 hosted_vvn ethnicity_nn1 pesto_nn1	-		· · ·
filmmaker_nn1 networking_nn1 counterterrorism_nn1 autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	filmmakers nn2		_
autism_nn1 pricey_jj rapper_nn1 hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	_	-	_
hosted_vvd carb_nn1 databases_nn2 videotape_nn1 handheld_jj gdp_nn1 disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	_	pricey jj	rapper nn1
videotape_nn1handheld_jjgdp_nn1disco_nn1world-class_jjbiotech_nn1gays_nn2tofu_nn1state-of-the-art_jjmakeover_vv0sunscreen_nn1catwoman_nn1multicultural_jjderegulation_nn1mid-level_jjbroadband_jjfast-food_jjsame-sex_jjmarina_nn1gurney_nn1buyout_nn1attendees_nn2mid-1990s_mc2algorithms_nn2hosted_vvnethnicity_nn1pesto_nn1	hosted vvd	_	
disco_nn1 world-class_jj biotech_nn1 gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	videotape nn1	handheld jj	-
gays_nn2 tofu_nn1 state-of-the-art_jj makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	disco nn1		_
makeover_vv0 sunscreen_nn1 catwoman_nn1 multicultural_jj deregulation_nn1 mid-level_jj broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	_	-	state-of-the-art jj
broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	-	sunscreen nn1	catwoman nn1
broadband_jj fast-food_jj same-sex_jj marina_nn1 gurney_nn1 buyout_nn1 attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	multicultural jj	deregulation nn1	mid-level jj
attendees_nn2 mid-1990s_mc2 algorithms_nn2 hosted_vvn ethnicity_nn1 pesto_nn1	broadband jj	fast-food jj	-
hosted_vvn ethnicity_nn1 pesto_nn1	marina nn1	gurney nn1	buyout nn1
hosted_vvn ethnicity_nn1 pesto_nn1	attendees nn2	mid-1990s mc2	algorithms nn2
	hosted_vvn	ethnicity_nn1	
boutiques_nn2 updates_nn2 biotechnology_nn1	boutiques_nn2	updates_nn2	biotechnology_nn1
one-on-one_mc cardio_nn1 preservice_nn1	one-on-one_mc	cardio_nn1	preservice_nn1
entitlement nn1 shiites nn2 glynnis nn1	entitlement nn1	shiites nn2	glynnis nn1
benchmark nn1 countertop nn1 download vvi	benchmark nn1	countertop nn1	download vvi
scheer_vv0 sushi_nn2 mentoring_vvg	scheer_vv0	sushi_nn2	mentoring_vvg
hologram nn1 magisterium nn1 tugger nn1	hologram nn1	magisterium nn1	tugger nn1
fucked vvn transnational jj laptops nn2	fucked vvn	transnational jj	laptops nn2
debuted_vvd cloning_nn1 stakeholders_nn2	debuted vvd	cloning nn1	stakeholders nn2
real-time_jj groundwater_nn1 sweatpants_nn2	-	_	
dismissive_jj spokesperson_nn1 wastewater_nn1	-	spokesperson nn1	—
fucked vvd trailhead nn1 starbucks nn2	-	trailhead nn1	starbucks nn2
restructuring_nn1 antidepressants_nn2 wetland_nn1	restructuring_nn1	antidepressants_nn2	wetland_nn1
on-line_jj hispanics_nn2 minivan_nn1		hispanics nn2	—
postmodern_jj meds_nn2 pager_nn1		$meds_nn2$	pager_nn1
real-world_jj bikers_nn2 gawain_nn1	real-world_jj	bikers_nn2	gawain_nn1
cuz_nn1 mid-1980s_nn2 basher_nn1	cuz nn1	mid-1980s nn2	basher nn1
lasagna_nn1 biking_vvg creationism_nn1		biking_vvg	
simulations_nn2 recycling_vvg feel-good_jj	simulations nn2	_	feel-good jj
deco_nn122 veggies_nn2 firewall_nn1	<u>—</u>	-	_
cornerback_nn1 midlife_nn1 ipo_nn1	_	_	ipo_nn1
surfers_nn2 superhero_nn1 camcorder_nn1	_	superhero_nn1	camcorder_nn1
batmobile_nn1 lifestyles_nn2 downtime_nnt1	$surfers_nn2$		

APPENDIX B

Empath categories

In Section 4.3.3, we mention that we used lists of words provided by the tool Empath in order to classify the lemmatized words according to categories that represent different semantic fields. We also say that, due to the high number of categories predefined by Empath (194 in total), we selected eight that showed interesting results and are relevant for our discussion: government, internet, journalism, leader, negative emotion, politics, social media and technology. In this appendix, we list the words that comprise each category used in this dissertation.

Government (113 words): abolish, accordance, accounting, activist, administration, administrative, administrator, advisor, agency, allied, ambassador, amendment, applicable, association, authorities, campaign, capitalist, citizenship, civil, civilian, coalition, commission, communist, congress, consensus, conservation, constitution, contribution, cooperation, cultural, decree, democracy, democratic, dictatorship, economy, elect, election, embassy, empire,

employ, enforce, enforcement, ethical, facility, federal, finance, financial, fund, funding, global, govern, government, homeland, illegally, immigration, implementation, independence, international, involvement, jurisdiction, law, liability, mandate, monetary, nation, negotiate, negotiation, obligation, opposition, organization, organization, parliament, partnership, petition, policy, politician, politics, populace, poverty, program, propaganda, protocol, province, recruiting, regime, regional, regulation, representative, republic, republican, resource, revolution, rule, ruling, safeguard, sector, senate, senator, socialist, societal, society, tax, terrorism, treason, treasury, tyranny, unethical, unified, united, unjust, unlawful, utopian, welfare.

Internet (79 words): access, account, application, archive, article, broadcast, browser, celebrity, chat, chrome, click, coding, compute, computer, cursor, cyber, data, dating, document, download, edit, editing, editorial, edits, email, explorer, facebook, firewall, forum, gamer, gaming, glitch, google, hack, hacker, hacking, header, homepage, icon, info, information, interface, internet, keyword, laptop, link, mobile, multiplayer, networking, online, page, post, posted, profile, program, programming, publish, reporting, research, router, scam, screen, search, segment, server, site, spam, spreadsheet, subscriber, surf, tab, trend, updated, virtual, web, website, wireless, worldwide, www.

Journalism (69 words): administration, analysis, article, assignment, biography, booklet, bookstore, bulletin, campaign, cite, column, composition, copy, corporate, credential, documentary, edition, editor, editorial, essay, excerpt, freelance, gazette, guidebook, handbook, headline, history, homepage, informational, inked, jot, journal, journalism, journalist, leaflet, literary, literature, magazine, newsletter, newspaper, notebook, obituary, outdated, paper, paperwork, paragraph, photo, photographer, photography, print, printed,

printing, printout, publicist, publish, publishing, report, reporter, research, scribbling, showbiz, site, subscription, summarize, tabloid, thesis, typewriter, write, writing.

Leader (98 words): administrative, administrator, admiral, adviser, advisor, agent, ambassador, assist, association, authority, battalion, bishop, boss, briefing, campaign, candidate, captain, chairman, chancellor, chief, command, commandant, commander, commanding, committee, competent, corporate, corporation, council, crew, dictatorship, diplomat, diplomatic, directive, director, duty, elect, election, elite, emperor, employer, enforcer, executive, father, federation, founder, general, government, governor, headquarters, hotshot, in-command, informed, join, leader, leadership, leading, member, mission, negotiator, obey, operation, order, organization, organization, oversee, overthrow, parliament, peacemaker, politician, president, promote, qualified, rank, ranking, rebel, renowned, representative, responsibility, rule, ruler, ruling, senate, senator, sergeant, sir, specifically, strategist, strongest, successor, superior, supervise, supervisor, supreme, syndicate, treasurer, trusted, veteran.

Negative emotion (94 words): accident, afraid, alone, angered, angry, ashamed, bad, badly, beat, beaten, blame, break, care, confused, crazy, crushed, cry, crying, dead, death, depressed, die, dieing, disappointed, drunk, dying, either, fault, fight, fighting, freaked, frightened, fucking, furious, guilty, hard, hate, hated, heartbroken, hell, hit, horrible, hurt, hurting, hurts, insane, kill, killed, killing, last straw, lie, loose, lose, losing, lost, mad, mean, monster, pain, pissed, poor girl, poor guy, punch, raped, react, reason, sad, scare, scared, scary, seeing, shocked, sick, so much pain, stop, stupid, surprised, swear, terrible, terrified, thinking, threatened, tortured, trouble, unthinkable, upset, violent, wanted, weak, worried, worse, worst, worst part, wrong.

Politics (78 words): activist, advisor, advocate, ambassador, amendment, aristocracy, campaign, candidate, citizen, citizenship, committee, communist, community, congress, consensus, conservative, conspiracy, constitution, controversial, controversy, corruption, council, declaration, decree, delegate, democracy, democratic, dictatorship, diplomacy, diplomat, dispute, divided, division, doctrine, elect, election, extremist, federation, fundraising, govern, governor, ideology, influential, involvement, jurisdiction, leadership, liberal, liberation, loyalist, monarch, monarchy, nation, national, nationwide, negotiation, overthrow, parliament, philosophy, policy, politically, politician, politics, presidential, province, provincial, regime, representative, republican, revolutionary, ruling, senate, senator, socialist, society, sovereign, spokesperson, tyranny, unify.

Social media (51 words): bio, browser, camera, chat, comment, computer, contact, delete, email, facebook, fan, follow, followed, follower, following, follows, format, forum, friends, hashtag, homepage, icon, instagram, interaction, message, messaging, messenger, multimedia, network, notification, online, onscreen, password, post, posting, profile, site, snapshot, status, tablet, texts, trend, tweet, twitter, typed, update, video, vine, viral, web, www.

Technology (118 words): 3d, advanced, android, audio, automate, battery, binary, browser, cable, camcorder, cellphone, cellular, cloning, coding, communication, compute, computer, computerized, connector, console, cyber, data, database, desktop, developer, device, digital, download, electronics, engineer, engineering, experimental, firewall, format, futuristic, gadget, gaming, generator, glitch, grid, hack, hacker, hacking, handheld, innovative, install, integrate, interactive, interface, intergalactic, internet, invention, inventor, ipad, keyboard, laboratory, laptop, machinery, mainframe, malfunction, manufacture, messaging, microchip, mo-

bile, module, monitoring, multiplayer, navigation, network, nexus, nuclear, online, operational, optical, outdated, portable, powered, processor, program, programmer, programming, projector, prototype, quantum, radar, research, researcher, robot, router, satellite, scanner, scanning, scientific, scientist, screen, sensor, server, simulator, site, software, solar, spacecraft, spaceship, system, tablet, tech, technical, technician, technological, technology, transmitter, typing, upgrade, virtual, virus, web, website, wireless.

APPENDIX C

Papers and presentations

Papers included in this dissertation

The research presented in this dissertation comprises the following five papers – all published, accepted or submitted for publication at the time of the dissertation defense –, which are reproduced here with minor changes and with consent from co-authors.

Chapter 2: Building a diachronic corpus of comments extracted from news portals and websites

Paper I:

Cunha, E. L. T. P., Magno, G., and Almeida, V. (2017). A elaboração de um coletor e de um corpus de comentários extraídos de portais de notícias. In *Anais do X Congresso Internacional da ABRALIN*, pages 764–771. Associação Brasileira de Linguística (ABRALIN).

Paper II:

Cunha, E. L. T. P., Magno, G., and Almeida, V. (under review). Xereta: A Brazilian corpus of online news comments. Manuscript submitted for publication.

Chapter 3: Establishment and obsolescence of linguistic items in a diachronic corpus

Paper III:

Cunha, E. L. T. P. and Wichmann, S. (in press). An algorithm to identify periods of establishment and obsolescence of linguistic items in a diachronic corpus. *Corpora*.

Chapter 4: Diachronic corpora and quantitative approaches to the lexicon: the case of the term fake news

Paper IV:

Cunha, E. L. T. P., Magno, G., Caetano, J., Teixeira, D., and Almeida, V. (2018). Fake news as we feel it: Perception and conceptualization of the term "fake news" in the media. In Staab, S., Koltsova, O., and Ignatov, D., editors, Social informatics, volume 11185 of Lecture Notes in Computer Science, pages 151–166. Springer, Cham.

Paper V:

Cunha, E. L. T. P., Magno, G., Caetano, J., Teixeira, D., and Almeida, V. (under review). Quantifying the conceptualization of the term "fake news" in Brazilian and English-speaking media sources. Manuscript submitted for publication.

Papers not included in this dissertation

Besides the previously mentioned papers, the author of this dissertation contributed to the writing of the following articles published, accepted or submitted for publication during his PhD studies:

- Cunha, E. L. T. P. and Cambraia, C. N. (in press). A linguagem de uma fraude: Análise das confissões forjadas em nome dos irmãos Naves. Fórum Linguístico.
- Cunha, E. L. T. P. and Lourenço, L. "Letteratura di immigrati": Composições poéticas publicadas na imprensa italiana belo-horizontina no início do século XX. In *Revista da Imigração Italiana em Minas Gerais*, 2019.
- Caetano, J. A., Magno, G., Cunha, E. L. T. P., Meira Jr., W., Marques-Neto, H. T., and Almeida, V. (2018). Characterizing the public perception of WhatsApp through the lens of media. In Proceedings of the 2nd International Workshop on Rumours and Deception in Social Media (RDSM 2018).
- Ottoni, R., Cunha, E. L. T. P., Magno, G., Bernardina, P., Meira Jr., W., and Almeida, V. (2018). Analyzing right-wing YouTube channels: Hate, violence and discrimination. In *Proceedings of the 10th ACM Conference on Web Science (WebSci'18)*, pages 323–332. Association for Computing Machinery (ACM). [Best student paper award]
- Xue, M., Magno, G., Cunha, E. L. T. P., Almeida, V., and Ross, K. W. (2016). The Right to be Forgotten in the media: A data-driven study. In *Proceedings on Privacy Enhancing Technologies* (PoPETs), 2016(4):389–402. [Also presented at the 16th Privacy Enhancing Technologies Symposium (PETS 2016), Darmstadt, Germany, 2016]

Lourenço, L. and **Cunha, E. L. T. P.**. (under review). *Toponímia de influência indígena nos bairros de Belo Horizonte*. Manuscript submitted for publication.

Oral and poster presentations in conferences (as presenting author only)

During his PhD studies, the author of this dissertation presented the following communications and posters in conferences:

- Contribuições para a coleta e a compilação de um corpus de comentários de portais de notícias. 11th International Congress of the Brazilian Linguistics Association (ABRALIN), Maceió, Brazil, 2019. [Oral communication]
- Fake news as we feel it: Perception and conceptualization of the term "fake news" in the media. 10th International Conference on Social Informatics (SocInfo 2018), Saint Petersburg, Russia, 2018. [Oral communication]
- A elaboração de um coletor e de um corpus de comentários extraídos de portais de notícias. 10th International Congress of the Brazilian Linguistics Association (ABRALIN), Niterói, Brazil, 2017. [Oral communication]
- Toponímia de influência indígena nos bairros de Belo Horizonte (with Lorenza Lourenço). 11th International Congress of the Brazilian Linguistics Association (ABRALIN), Maceió, Brazil, 2019. [Poster presentation]

Talks as an invited speaker

Finally, the author of this dissertation was invited to give the following academic talks during his PhD track:

- Linguística computacional: Uma área entre dois mundos [Computational linguistics: An area between two worlds]. Federal Institute Southeastern of Minas Gerais (IF Sudeste MG), Barbacena, MG, Brazil, 2018.
- I dialetti sul Web: Possibilità di preservazione e rivitalizzazione linguistica? [Dialects on the Web: Possibility of linguistic preservation and revitalization?]. Settimana della Lingua Italiana nel Mondo. Faculty of Letters of the Federal University of Minas Gerais (FALE/UFMG), Belo Horizonte, MG, Brazil, 2018.
- Linguística forense: O linguista como investigador e perito [Forensic linguistics: The linguist as investigator and expert witness]. Faculty of Letters of the Federal University of Minas Gerais (FALE/UFMG), Belo Horizonte, MG, Brazil, 2018.
- Computadores e sociedade: Novos desafios na era digital [Computers and society: New challenges in the digital era]. Federal Institute Southeastern of Minas Gerais (IF Sudeste MG), Barbacena, MG, Brazil, 2017.
- Linguística computacional: Problemas, tendências e desafios [Computational linguistics: Problems, trends and challenges]. Una University Center, Betim, MG, Brazil, 2015.
- Generalizations regarding 200 years of lexical evolution of English (with Søren Wichmann). Work in Progress Series, Max Planck Institute for Evolutionary Anthropology (MPI-EVA), Dept. of Linguistics, Leipzig, Germany, 2015.