Model	Topics	nss
lda	share revenue cents billion quarter earnings analysts net rose income	0.0011
	european greece europe billion debt country crisis minister french france	0.0023
	texas oklahoma perry execution houston dallas death austin tulsa lethal	0.0027
	rose economy fell market index growth investors economic stocks dow	0.0038
	coast boat island beach ship water guard port sea ocean	0.0038
	casino las vegas nevada gambling casinos ford vehicles cars car	0.0055
	guilty prison sentenced pleaded year-old judge sentence prosecutors plea charges	0.0065
	won lottery tickets game ticket numbers competition prize winning race	0.0081
ctm	space called shuttle center station atlantis family service community town	0.0001
	kelley family letter leave absence left united jay weeks director	0.0006
	team newton season green game yards lot bay brenda end	0.0019
	building lodge bauer buildings fee part stephens hall property council	0.007
	gop dem john singer michael robert actor james david actress	0.0071
	military army afghanistan killed soldiers forces troops iraq war attacks	0.0105
	republicans democrats vote session majority legislative lawmakers assembly democratic committee	0.0136
	parade holiday street puerto savannah downtown patrick saturday greens fischer	0.017
hca	shares earnings keywords insights profit thomson cents reuters premarket net	0.011
	upheld ruling appeals justices appellate supreme injunction plaintiffs unconstitutional rulings	0.0506
	autopsy foul deputies disappearance examiner coroner detectives autopsies sheriff booked	0.0828
	crash crashed collided suv driver collision accident southbound passenger northbound	0.0848
	islamic troops diplomatic militants syria terrorist regime arab terrorists civilians	0.0931
	candidate incumbent candidates mitt challenger gubernatorial election ballots incumbents candidacy	0.0932
	wrongdoing allegations inquiry improper unspecified investigations probe misconduct disciplinary alleges	0.0952
	soybeans corn wheat grains crop crops oats feeder hogs cattle	0.1015
ntm	rose shrank pct decliners quadrupled exhibitors parade spectrum index outperform	0.1103
	quarterly pretax dividend profit annualized earnings profits stockholders writedown premarket	0.1327
	arraigned burglarizing arrested bigamy detectives motorcyclist arraignment coroner accomplice fondled	0.1411
	fell tumbled slid rose plunged climbed skidded slumped slipped sank	0.1593
	refiner cyberattack survey petrochemical analyst spokesperson rankings spokeswoman faring uncertainties	0.1602
	zombies zombie vampires monsters minigames aliens vampire droid botnet superheroes	0.1737
	shipments shipment exports imports exported shipped shipping stockpiles export deliveries	0.176
	information info details disseminating updates data webcast databases accessed insights	0.1881
cluster	chu tai choi hua hong wu jong jin seng choy	0.0027
	soared plummeted climbed surged dipped tumbled dropped fell slipped rose	0.0055
	students teachers kindergarten tutors elementary coursework curriculum teaching tutoring education	0.0132
	cattle cows livestock sheep horses herd calves horse pasture herds	0.0192
	church priest congregation priests parishioners clergy congregations bishop theology saints	0.0198
	chilly temperatures humid windy balmy colder sunny rain wintry frigid	0.0397
	beer beers whiskey brandy vodka wine bourbon brew rum ale	0.0494
	soldiers troops insurgents military guerrillas army militants civilians commanders insurgent	0.0541

Table 1: Examples of top-8 topics as ranked by nss.

Model	Topics	nss
lda	york jersey bridge transportation train christie cuomo rail transit line	0.1549
	community grant foundation center local organization support grants programs fund	0.1562
	property land homes housing sale estate hotel owners real properties	0.1586
	wildlife animals horses species birds horse bird wild endangered fish	0.1686
	alaska anchorage ice site wood feet parnell fairbanks area miles	0.1703
	board chief director executive governor job gov chairman served announced	0.1897
	political issue called issues policy decision long change statement support	0.2707
	lot good things long put start number making kind place	0.2935
ctm	casino las vegas hotel gambling casinos nevada park resort tourism	0.1335
	service weather area storm miles airport snow river bridge emergency	0.1365
	lawsuit judge filed supreme legal case rights ruling decision justice	0.1392
	vehicles car cars drivers ford safety vehicle driving auto motor	0.1436
	china art chinese arts artist painting artists cuba world beijing	0.1595
	birds bird cemetery eagle trees tree fly nest eagles feathers	0.1975
	show music film movie won festival tickets game band play	0.2332
	online information internet book video media facebook phone computer technology	0.2634
hca	aloha zell champaign pelt purchaser steamboat fernando meager skate vander	0.3317
	app apps smartphone download tablet digital tablets technological computers remotely	0.338
	alerting pros hackers cons paperless hacker probability responses callers rectify	0.3434
	bain uno unaccredited vindicated reggie toledo sync zee swamps euthanizing	0.3587
	rouge baton ascension assesses liquidate advocate arnold caroline northernmost emancipation	0.3589
	deplorable interaction foresee envelope handwriting knot quickest scrambled alarmed mum	0.3677
	richter riverboat sheppard lander plazas tam mandarin amarillo colosseum nassau	0.3768
ntm	dna semen fingerprint fingerprints genetic sperm swabs ballistics craig sydney	0.312
	trader traders sander hoard snowplows microsoft bunker investors millers debts	0.3126
	nero misspellings stains buybacks placebo epinephrine snowmobilers shingles declassified interceptions	0.3141
	amex nero ibm powerpoint york prix singapore gb atlantic fx	0.317
	conditions climates uncertainties headwinds realities circumstances factors fluctuations climate environments	0.3233
	evacuated evacuations evacuate evacuating airlifted twisters aftershocks evacuation driest barricaded	0.3233
	aboard spacewalks bushels budget lifeboats flotilla lifeboat spacewalk millage spaceflight	0.3636
cluster	fabled legend legendary powerhouse revered savior darling pinnacle storied quintessential	0.2806
	poke rip hook shove stick scrape smack curl screw slam	0.2818
	reprehensible despicable disgraceful hypocritical disgusting outrageous shameful callous vile disrespectful	0.2856
	commitment endeavor excellence achievements dedication endeavors rewarding accomplishments innovative nurturing	0.2915
	fraudulent fraudulently defrauded defrauding bogus defraud misappropriating bribing bribed duped	0.2924
	meyers ritchie frazier jensen gallagher susie cynthia hoffman maxwell malcolm	0.3022
	summaries summary critiques excerpts articles responses quotes references descriptions critique	0.3093
	accord delegations accords cooperation consultations negotiators negotiation committees intergovernmental negotiations	0.3231

Table 2: Examples of bottom-8 topics as ranked by nss.