

Table 1.1 - CGLDA Top-20 Word Stems per Topic (words in descending topic-word probability, topics in descending number of tokens assigned after 12,000 steps (shown in parentheses))

1 (8866):	fire, fbi, batf, koresh, govern, gun, compound, start, warrant, davidian, claim, attempt, gas, place, set, knock, polic, hallam, atf, agent
2 (8386):	car, drive, brake, tire, engin, manual, shift, gear, problem, wheel, clutch, transmiss, speed, road, rear, oil, feel, auto, ford, chang
3 (7734):	g9v, b8f, a86, 1d9, 2di, 2tm, bxn, 75u, 34u, giz, 7ey, bhj, okz, nrhj, b4q, b8e, 1eq, b8g, 7kn, 7ex
4 (7127):	max, bhj, giz, 7ey, 6ei, qax, 1d9l, nuy, biz, ghj, 2tct, f9d, bhjn, 1z6e, yf9, 0qax, 9f8, 9l3, r8f, bs0t
5 (6742):	presid, myer, meet, option, press, packag, today, hous, secretari, group, senat, morn, job, talk, discuss, decis, brief, continu, action, specif
6 (6661):	car, price, buy, dealer, saturn, sell, money, door, pay, insur, mile, sale, compani, cost, problem, model, bought, rate, quot, expens
7 (6473):	file, window, dos, program, run, directori, screen, command, set, bmp, manag, system, zip, rle, copi, sea, memori, gwu, icon, batch
8 (6314):	homosexu, men, cramer, optilink, sex, sexual, clayton, male, kinsey, number, show, survey, partner, promiscu, popul, report, studi, heterosexu, opinion, consent
9 (6026):	space, project, satellit, vehicl, group, system, earth, interest, journal, commerci, part, includ, small, design, unit, addit, base, intern, experi, communic
10 (6011):	orbit, venus, mission, probe, mar, planet, comet, soviet, moon, solar, jupit, observ, atmospher, degre, mile, pluto, lander, explor, craft, object
11 (5917):	hit, player, clutch, bat, hitter, netcom, leagu, season, lopez, mark, lot, bond, major, singer, reason, mss, giant, abil, point, william
12 (5717):	file, window, disk, system, dos, user, drive, directori, network, instal, microsoft, size, space, swap, hard, format, creat, notebook, compress, problem
13 (5708):	govern, law, right, case, protect, constitut, person, feder, legal, equal, issu, individu, live, gun, violat, amend, state, public, anti, polic
14 (5666):	game, pitch, win, team, play, basebal, start, ball, season, player, run, day, hit, sox, pitcher, leagu, lot, staff, fan, dodger
15 (5534):	launch, cost, orbit, space, market, satellit, moon, project, program, develop, base, larg, rocket, billion, commerci, system, earth, nasa, flight, ventur
16 (5416):	mail, post, list, ftp, sci, space, address, email, send, program, sourc, comput, archiv, refer, request, interest, server, internet, news, anonym
17 (5356):	unit, state, support, question, presid, import, give, hope, general, public, american, countri, answer, leader, care, provid, polit, govern, program, fact
18 (5345):	nasa, gov, space, orbit, shuttl, jpl, mission, baalk, hst, propuls, jsc, ron, part, gif, kelvin, scienc, design, station, flight, lab
19 (5314):	religi, religion, children, happen, order, kill, histori, fact, illeg, mormon, god, part, found, exist, arm, day, gun, world, die, murder
20 (4849):	program, part, state, fund, billion, support, administr, congress, continu, presid, pay, privat, govern, point, propos, budget, busi, project, offici, dollar
21 (4821):	govern, nation, countri, power, system, fact, world, european, societi, health, elect, book, desi, phill, hallam, forc, end, europ, presid, insur
22 (4735):	space, sky, light, earth, moon, orbit, billboard, night, alaska, access, digex, field, pat, nasa, aurora, man, astronom, pollut, base, day
23 (4735):	hit, run, game, pitch, base, ball, hitter, alloc, cross, unit, play, walk, inning, give, start, link, team, pinch, bat, win
24 (4722):	question, day, control, oper, show, militari, vehicl, rang, gas, servic, exist, call, effect, answer, case, launch, distribut, cost, place, fuel

25 (4636): space, launch, nasa, imag, orbit, satellit, planetari, map, faq, mercuri, voyag, inform, report, lunar, probe, gov, astronomi, shuttl, bodi, moon

26 (4609): window, driver, card, version, dos, mode, modem, run, problem, port, support, fax, ftp, connect, load, univers, mail, phone, cwru, packet

27 (4550): won, win, jay, morri, team, red, yanke, blue, toronto, boston, seri, lost, season, give, sign, run, finish, pitch, young, era

28 (4447): system, canada, money, american, tax, cost, canadian, govern, spend, health, gld, fund, basic, public, columbia, problem, list, dare, industri, news

29 (4418): parti, polit, libertarian, right, govern, vote, busi, freedom, elect, free, state, present, price, rule, israel, candid, democrat, hess, act, sept

30 (4320): space, nasa, engin, program, shuttl, technolog, scienc, astronaut, oper, select, launch, applic, stage, develop, mission, center, facil, requir, centaur, proton

31 (4256): black, tax, state, opinion, netcom, live, employ, money, man, support, friend, mine, hand, countri, day, call, disast, local, magnus, liber

32 (4244): star, burst, laron, univers, physic, oort, ray, gamma, energi, distribut, cloud, matter, theori, motion, sourc, space, book, galaxi, black, umd

33 (4221): job, school, educ, lot, young, program, learn, summer, countri, communiti, money, million, american, import, creat, experi, idea, opportun, econom, agre

34 (4209): stephanopoulo, general, question, dee, georg, yesterday, decis, attorney, talk, tax, number, convers, statement, didn, vat, chang, presid, kind, diesel, respons

35 (4041): team, player, alomar, play, baerga, roger, basebal, clemen, maynard, read, game, defens, obp, point, uiuc, steph, contribut, ramsey, individu, stephenson

36 (4023): russia, russian, money, congress, administr, offic, issu, term, american, move, war, white, aid, govern, presid, initi, state, bill, hous, interest

37 (3996): player, career, winfield, hitter, averag, run, season, offens, hit, basebal, number, joe, henderson, brave, david, pitcher, play, total, game, base

38 (3951): state, convent, univers, inform, institut, nation, intern, colleg, committe, internet, unit, activ, student, public, resourc, reserv, particip, report, relat, hotel

39 (3943): human, point, reason, idea, power, situat, garrett, ingr, fact, bad, happen, societ, person, talk, part, media, averag, case, argument, kind

40 (3940): earth, planet, solar, spacecraft, surfac, system, sun, sail, mission, kilomet, asteroid, atmospher, orbit, project, inform, similar, ring, neptun, pluto, world

41 (3819): 34u, chz, 75u, 6um, 6ei, c8v, 2di, 24e, rlk, air, fij, 3di, fyn, a86, b8f, 1d9, bhj, kjz, m45, vmk

42 (3759): insur, pay, privat, abort, health, care, coverag, berkeley, compani, cover, premium, free, servic, denni, reason, call, gari, dzkriz, ocf, person

43 (3741): command, april, data, system, spacecraft, report, power, perform, process, test, rate, initi, control, antenna, loss, activ, experi, develop, measur, rang

44 (3741): game, basebal, pitch, pitcher, bat, pitt, score, lead, play, speed, run, move, hour, batter, watch, clutch, stadium, throw, box, swing

45 (3724): won, lost, leagu, angel, team, red, york, game, brave, sox, west, home, idl, met, cincinnati, nation, twin, rocki, baltimor, chicago

46 (3719): card, driver, problem, window, video, ati, mode, system, bus, memori, mous, applic, ultra, run, sound, isa, eisa, switch, resourc, fast

47 (3681): car, engin, power, model, auto, buy, question, option, owner, bmw, infin, diesel, limit, test, saab, liter, run, vehicl, fit, wagon

48 (3677): state, place, forc, base, citizen, day, law, group, problem, power, mean, open, requir, rememb, citi, reason, argument, area, servic, weapon

49 (3661): data, research, univers, system, balloon, space, technolog, servic, organ, earth, institut, softwar, ozon, access, air, scienc, part, releas, societ, kilomet

50 (3635): window, file, program, disk, problem, ini, dos, system, manag, instal, chang, run, ftp, drive, util, norton, mac, icon, exe, win

51 (3619): car, mustang, ford, speed, driver, camaro, drive, centerlin, fast, design, jimf, frost, buy, rear, wheel, limit, jim, differenti, previous, road

52 (3598): window, run, dos, app, version, applic, memori, copi, question, sys, drive, program, requir, product, mail, microsoft, load, inform, system, ram

53 (3578): program, nuclear, state, cost, world, million, start, import, oil, care, develop, packag, fund, built, result, access, give, technolog, initi, immun

54 (3548): cramer, optilink, clayton, homosexu, law, sexual, person, orient, free, forc, question, discrimin, consent, relat, moral, face, hire, concept, claim, uunet

55 (3535): dave, give, guy, hand, part, doesn, deserv, colorado, point, great, bad, start, sound, nice, mention, spot, land, franjion, end, tim

56 (3515): oil, car, problem, chang, water, hole, drain, ford, mile, turn, probe, move, happen, bolt, engin, month, plug, idea, leak, start

57 (3497): perform, situat, predict, sabo, correl, data, opinion, claim, past, futur, general, expect, world, find, averag, prove, samuel, suggest, end, feel

58 (3446): car, engin, dealer, blah, price, turbo, integra, model, call, toyota, odomet, auto, andrew, drive, buy, nissan, wheel, reliabl, mention, hand

59 (3371): inform, data, group, level, oper, info, includ, interest, respons, develop, public, search, investig, sourc, issu, francisco, softwar, leagu, news, san

60 (3301): power, constitut, state, law, level, case, hous, general, base, right, ncr, atlantaga, wilson, posit, question, make, object, reason, senat, tax

61 (3274): bill, claim, weapon, law, problem, lot, group, read, real, reason, fire, key, side, space, insid, make, find, world, mention, wors

62 (3264): hst, ticket, geico, alarm, game, net, real, small, heard, accid, door, mass, claim, state, great, interest, radar, access, insur, attend

63 (3180): member, offic, offici, serv, law, author, court, blame, begin, includ, report, set, didn, individu, major, violat, administr, person, support, simpli

64 (3157): font, print, printer, charact, instal, problem, find, softwar, window, type, chang, buy, product, delet, result, file, document, line, editor, mail

65 (3154): abort, crime, gun, rate, kill, pay, health, pro, fund, feder, women, person, increas, minor, start, rape, doesn, servic, differ, afford

66 (3154): imag, isc, data, risc, set, thor, steveh, steve, hendrick, instruct, libertarian, read, bit, mean, comput, fail, field, inform, bitmap, entri

67 (3120): road, speed, uniform, org, car, craig, truck, check, boyl, cactus, interst, highway, left, guy, driver, overpass, light, boe, autobahn, report

68 (3119): post, compani, mine, interest, subject, term, univers, point, misc, question, net, inferior, duke, newsgroup, common, crash, wrong, mean, news, expens

69 (3101): problem, adob, homosexu, number, word, nichol, opinion, sherri, stop, male, cramer, point, snichol, clayton, person, differ, winner, busi, suggest, evid

70 (3048): war, convert, island, secret, south, car, ship, naval, navi, top, world, fleet, instal, british, light, militari, power, air, drive, part

71 (2994): uiuc, cso, uxa, news, univers, judg, car, josh, illinoi, amin, hopkin, chintan, condit, jbh55289, nwu, state, llama, sig, cka52397, acn

72 (2988): team, fan, game, basebal, cub, sport, san, bob, america, duke, news, week, stand, ucsd, yanke, win, brave, red, met, giant

73 (2967): problem, driver, qualiti, error, window, deskjet, crash, rock, page, gateway, control, canon, happen, post, decid, ago, print, bought, revis, experienc

74 (2943): ibm, control, softwar, case, govern, properti, court, limit, compani, system, interest, provid, file, higher, land, set, improv, allow, releas, person

75 (2938): price, number, mit, cost, discuss, product, countri, buy, lot, wdstarr, william, money, general, live, decemb, sale, real, dealer, athena, starr

76 (2938): file, version, higgins, zip, window, final, bill, call, engine, manager, function, program, workspace, line, control, object, internet, bitnet, science, class

77 (2880): drug, legal, illegal, problem, crime, user, criminal, addict, cocaine, war, alcohol, smoke, sell, violence, teenager, issue, cigarette, ryan, marijuana, take

78 (2855): center, cost, nasa, space, mission, problem, station, build, allen, launch, test, shuttle, dennis, single, power, overhead, charge, million, hardware, integer

79 (2830): energy, force, system, mass, drag, aircraft, pilot, wing, flight, plane, big, direct, constant, electrical, air, fly, velocity, hand, base

80 (2785): light, color, location, universes, theories, case, charge, bright, field, form, slave, sky, true, determine, observe, jupiter, post, mark, define, red

81 (2724): museum, american, holocaust, limbaugh, michael, alaska, america, jack, nsmca, adam, nation, million, school, memory, idea, education, today, acad3, train, radio

82 (2716): call, gant, umpire, reason, hirschbeck, tax, game, boomer, deficit, state, wrong, previous, box, economy, happen, show, plaintiff, batter, start, base

83 (2697): henri, radar, detector, toronto, speed, temperature, spencer, radiate, zoo, design, case, limit, number, interstellar, power, safety, space, source, utzoo, collision

84 (2661): engine, oil, car, virginia, mark, usa, drive, mail, motor, sound, mile, walsh, change, internet, audi, universes, light, europe, scott, big

85 (2651): henri, toronto, zoo, spencer, array, uiuc, zoology, utzoo, demon, design, george, wright, major, talk, nicholas, ibm, desire, brett, digex, solar

86 (2647): image, atmosphere, telescope, astronomy, earth, human, satellite, word, optic, pressure, oxygen, life, habit, planet, observatory, center, radio, sun, weather, visual

87 (2633): printer, print, book, problem, paper, compare, question, accelerate, number, great, comparison, price, remember, similar, depend, bubblejet, cost, handle, situation, postscript

88 (2631): run, win, pitcher, score, gatech, inning, game, team, pitch, prism, atlanta, nec, home, georgia, save, number, start, earn, institute, paul

89 (2628): trial, bill, wit, state, case, right, book, evidence, live, fact, convex, james, statistic, save, visser, question, land, civil, lee, law

90 (2620): callison, james, uoknor, ecn, bird, uokmax, car, man, play, kill, shoe, run, gonna, dan, big, oklahoma, rear, auto, person, fake

91 (2616): care, doctor, hospital, doesn't, pack, question, find, health, hand, install, unit, problem, ago, didn't, error, small, agree, guy, live, wouldn't

92 (2499): colorado, place, note, san, legal, houston, vandal, state, imagine, advertise, teal, june, post, sound, idea, plant, mike, open, york, yamauchi

93 (2489): steve, make, understand, sell, heard, isn't, tom, level, claim, ignore, tommy, argument, support, haven, world, sort, type, pay, regular, call

94 (2431): cub, suck, smith, walk, org, rush, reason, bruce, stanford, std, william, bsu, great, cellar, frank, man, fan, suffer, reed, double

95 (2405): read, opinion, mail, part, hear, reply, post, find, turn, fan, stop, bad, drive, flame, great, wrong, wonder, check, answer, music

96 (2395): post, group, discuss, rec, auto, newsgroup, care, kid, read, local, news, kill, line, feel, david, europe, subject, make, death, school

97 (2382): key, bogg, women, oriol, pocket, life, wade, baltimore, jack, admirer, twin, organ, god, woman, history, steve, world, child, run, man

98 (2370): moon, fund, space, gary, ke4zv, industry, clutch, gene, billion, lunar, net, raider, develop, research, theporch, person, stuff, age, gov, technology

99 (2338): speak, dseg, fred, mccall, nasa, real, shafer, mari, world, probe, live, insist, dryden, perfect, mksol, ball, safety, ame, lot, pat

100 (2333): comput, system, list, window, run, unix, machin, user, mail, applic, softwar, card, job, network, buffalo, product, fax, buy, hardwar, opinion

101 (2328): font, mous, window, microsoft, move, truetype, jump, screen, run, bit, motion, dos, comput, win, version, smooth, ibm, mike, type, left

102 (2320): run, win, game, guy, play, tiger, defens, pitch, hit, staff, left, team, kid, bad, extra, care, free, john, snow, score

103 (2239): request, tax, send, clinton, mail, develop, list, address, incom, bill, rate, week, class, vat, propos, hous, network, nation, general, question

104 (2222): washington, eliot, engin, engr, van, flat, degre, telxon, joe, refer, usu, univers, mr2, guess, altima, porsch, balanc, ohio, boxer, state

105 (2140): scott, hall, smith, cdac, player, guy, number, ole, met, list, career, stat, ssave, today, ryan, morri, fame, asd, steve, mail

106 (2138): play, dave, player, run, hit, averag, hou, speed, wall, traffic, bond, midi, find, posit, line, buffalo, boston, home, edg, lot

107 (2121): line, kid, ball, power, runner, base, steve, rule, fli, throw, field, point, job, rock, big, infield, att, red, hit, question

108 (2037): rocket, model, lunar, associ, larg, rocketri, feet, drier, green, engin, class, portal, support, phil, includ, netcom, societi, motor, calpoli, public

109 (2006): uchicago, ted, black, frank, news, thf2, uiuc, post, king, midway, cso, larg, day, kimbark, mon, list, guy, standard, adject, question

110 (1956): opel, duke, wip, sfu, news, fan, nick, econ, fls, hard, radio, sport, kadett, station, manta, philli, gibbonsa, darren, talk, sold

111 (1955): hitler, world, ireland, show, main, page, german, hand, gehrel, interest, arizona, find, june, give, usa, inform, univers, nazi, andrew, philadelphia

112 (1948): kald, rutger, view, find, theodor, man, remus, romulus, major, hold, polit, sort, univers, phil, call, natur, mit, stuff, express, day

113 (1867): option, station, redesign, play, develop, doesn, capabl, aix, end, world, mike, present, dream, mjone, guy, ibm, kingston, exnet, advisori, team

114 (1861): hit, post, start, major, idiot, final, electron, softwar, doesn, field, play, hand, big, challeng, spiro, eric, smith, phil, nazi, read

115 (1854): borland, window, paradox, microsoft, databas, access, program, librari, box, bond, australia, user, turbo, john, knox, william, net, gregori, comput, show

116 (1708): jewish, john, colour, lafibm, reason, true, vb30, bad, lafayett, sound, wonder, eosvcr, past, lowenstein, wimsey, magnus, player, weren, pretti, koufax

117 (1676): call, element, gov, current, set, caltech, spanish, smiley, train, mil, bit, mancus, base, rule, chevron, radio, fall, number, stealth, red

118 (1640): mat, object, alan, stanc, upenn, low, pyron, open, support, drake, canseco, start, home, report, great, found, score, sas, thought, team

119 (1583): state, georg, law, turkish, natur, genocid, armenian, soviet, american, human, howel, exist, million, hand, way, turk, armenia, live, continu, divis

120 (1543): nasa, gov, world, rememb, didn, day, morri, jpl, publish, place, credit, carlo, palmer, uranium, month, support, research, man, caltech, larg

Table 1.2 - CVHDP Top-20 Word Stems per Topic (words in descending topic-word probability, topics in descending number of tokens assigned after 12,000 steps (shown in parentheses))

- 1 (68335): post, read, point, lot, doesn, day, find, problem, rememb, give, news, big, wrong, didn, reason, question, isn, world, thought, real
- 2 (48447): presid, stephanopoulo, job, question, state, program, hous, general, talk, myer, continu, american, press, decis, today, clinton, support, group, administr, nation
- 3 (46149): orbit, earth, space, mission, moon, nasa, system, planet, solar, data, spacecraft, gov, sun, lunar, observ, imag, mar, sky, satellit, atmospher
- 4 (33680): window, file, dos, driver, run, program, card, system, problem, version, disk, ftp, softwar, font, microsoft, user, mous, set, applic, print
- 5 (28321): car, mail, price, buy, list, model, post, dealer, request, compani, cost, send, state, interest, product, auto, email, bought, sell, engin
- 6 (27888): game, run, hit, player, pitch, team, base, bat, play, pitcher, win, ball, basebal, score, averag, perform, clutch, morri, predict, leagu
- 7 (26233): gun, fire, fbi, koresh, law, claim, batf, start, kill, govern, polic, god, children, death, evid, attempt, place, warrant, murder, control
- 8 (25885): space, launch, nasa, technolog, cost, shuttl, develop, station, program, system, project, satellit, engin, research, flight, scienc, rocket, commerci, vehicl, gov
- 9 (24298): insur, drug, pay, health, tax, care, abort, money, privat, canada, system, legal, american, cost, crime, life, problem, coverag, spend, countri
- 10 (20272): govern, state, law, right, parti, polit, power, libertarian, constitut, human, isc, nation, free, case, freedom, equal, court, societi, public, regul
- 11 (18571): max, g9v, b8f, a86, 1d9, 34u, 75u, 2di, bhj, giz, 2tm, 6ei, 7ey, 6um, chz, bxn, rlk, c8v, 3di, 24e
- 12 (17942): team, game, basebal, fan, season, win, hit, player, play, start, brave, pitch, career, guy, met, dave, yanke, hitter, run, philli
- 13 (15838): car, engin, speed, drive, oil, brake, mile, tire, problem, power, chang, wheel, shift, gear, road, clutch, manual, design, auto, rear
- 14 (8723): cramer, homosexu, optilink, men, clayton, sexual, sex, male, number, kaldi, kinsey, show, rutger, studi, uunet, partner, survey, virginia, consent, promiscu
- 15 (5718): henri, toronto, zoo, alaska, pat, spencer, digex, access, net, nsmca, aurora, utzoo, zoolog, man, prb, dseg, shafer, caltech, cso, uiuc
- 16 (5615): san, won, lost, cub, red, angel, leagu, york, sox, chicago, francisco, game, los, philadelphia, idl, score, tiger, diego, houston, cincinnati
- 17 (5496): car, engin, uiuc, callison, uoknor, jame, ecn, convert, mustang, eliot, camaro, cso, liter, cdac, model, opel, ole, uokmax, manta, hard
- 18 (3537): war, nuclear, south, ship, island, militari, secret, unit, naval, navi, instal, georgia, british, spanish, fleet, world, russian, forc, southern, hemispher
- 19 (3347): jewish, museum, jew, holocaust, israel, van, memori, genocid, american, turkish, land, mormon, territori, roman, jhu, armenian, lafibm, council, soviet, million
- 20 (244): uci, gif, incom, jsc, gov, kjenk, server, gothamc, design, chart, scan, orion, wrote, ame, usnail, altern, anonym, jenk, ken, irvin
- 21 (82): maj, rub, vic, hrs, mbr, hal, kim, mri, mje, bogus, mpp, bye, cope, ppb, rib, stem, ott, igc, mol, slo
- 22 (67): mitchel, cut, fog, min, ma7, perth, region, m0d, 51s, 6ej, 1fp, mqr, 40s, zng, m34, nls, grb, a2i, m6m, csr
- 23 (62): boo, incid, quayl, gore, cray, ceremoni, thrower, rja, mahogany126, celebr, audienc, havemann, hemlock, hsh, norman, even, recommend, observ, caffein, liber
- 24 (16): mje, bogus, mpp, stem, ott, bye, oba, cope, ppb, rib, owen, dim, usg, a2i, 9th, rpm, abc, slo, lay, xxx

25 (13): mje, bogus, mpp, stem, ott, oba, bye, cope, dim, owen, ppb, usg, rib, 9th, rpm, a2i, lay, abc, xxx, slo

26 (13): pps, hte, vin, tip, cos, von, doe, aew, ash, dcd, thx, nag, mpv, ceo, csr, v6t, cen, ns1, rx7, a2i

27 (11): chu, clive, nrl, 60s, kuo, kim, rod, uug, ttu, cow, mpp, mas, gps, mje, dig, abc, xxx, mrs, bow, eli

28 (11): chu, clive, nrl, 60s, kuo, kim, rod, uug, ttu, mpp, cow, mas, gps, mje, dig, abc, xxx, mrs, bow, eli

29 (10): chu, clive, nrl, 60s, kuo, kim, rod, mpp, uug, ttu, cow, mas, gps, mje, dig, abc, xxx, mrs, bow, eli

30 (9): mje, mpp, bogus, stem, oba, lay, ott, dim, owen, usg, sec, rpm, 9th, a2i, beg, bye, rib, abc, xxx, cope

31 (5): syl, mje, nrl, mpp, lay, sec, bogus, beg, stem, dim, oba, owen, ott, rpm, 9th, usg, xxx, a2i, abc, rib

32 (2): syl, moe, nrl, eli, sec, gmu, beg, lay, mpp, los, bogus, mje, ott, dim, oba, owen, stem, 9th, rpm, xxx

33 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

34 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

35 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

36 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

37 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

38 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

39 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

40 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

41 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

42 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

43 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

44 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

45 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

46 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

47 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

48 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note

49 (0): call, power, report, order, end, part, number, univers, find, interest, major, result, total, exist, month, short, side, quick, big, note







