

Supplementary Material

Part I: List of academic English collocations

absence, n; absence + prep; of
absence, n; absence + v; affect, indicate, lead, mean, reflect
absence, n; adj + absence; complete, notable, total, virtual
absence, n; v + absence; indicate
absent, adj; adv + absent; virtually
absent, v; adv + absent; virtually
absolute, adj; absolute + n; control, level, minimum, number, power, sense, term, value
abstract, adj; abstract + n; concept, form, representation, term
abundant, adj; abundant + n; evidence
abundantly, adv; abundantly + adj; clear
acceptable, adj; acceptable + n; level
acceptable, adj; v + acceptable; consider, deem
acceptance, n; acceptance + prep; of
acceptance, n; adj + acceptance; wide, widespread
acceptance, n; v + acceptance; gain
accepted, adj; accepted + n; practise, standard
access, n; access + prep; to
access, n; adj + access; direct, easier, easy, equal, free, full, greater, immediate, improved, increased, limited, open, public, ready
access, n; v + access; affect, deny, ensure, facilitate, gain, get, give, have, limit, obtain, provide, restrict
access, v; adv + access; directly
accessible, adj; adv + accessible; easily, readily
accord, v; accord + prep; to
accordingly, adv; accordingly + v; make
account, v; account + prep; for
account, v; adv + account; partially, partly, together
accumulated, adj; accumulated + n; experience
accumulation, n; accumulation + prep; of
accuracy, n; accuracy + n; rate
accuracy, n; adj + accuracy; greater, higher
accuracy, n; v + accuracy; cheque, improve
accurate, adj; accurate + n; description, estimate, information, measure, model, picture, prediction, record, reflection, representation, result
accurate, adj; adv + accurate; entirely, highly, probably, reasonably
accurately, adv; accurately + v; assess, capture, define, depict, describe, identify, predict, reflect, represent

achieve, v; achieve + n; agreement, aim, balance, economy, end, goal, improvement, integration, level, objective, performance, recognition, result, score, status, success, understanding
 achieve, v; achieve + prep; by
 achieve, v; adv + achieve; actually, easily, finally, largely, simply
 acquire, v; acquire + n; data, information, knowledge, skill
 acquire, v; adv + acquire; easily
 acquired, adj; acquired + n; knowledge
 acquisition, n; n + acquisition; knowledge
 acquisition, n; v + acquisition; facilitate
 act, n; act + v; require
 act, n; v + act; perform
 active, adj; active + n; agent, group, ingredient, involvement, life, member, participation, process, programme, role
 active, adj; adv + active; particularly
 actively, adv; actively + v; contribute, involve, participate, promote, pursue, seek, work
 activity, n; activity + n; level
 activity, n; activity + v; occur
 activity, n; adj + activity; certain, commercial, criminal, daily, economic, educational, electrical, everyday, human, industrial, mental, neural, normal, ongoing, online, physical, professional, recreational, regulatory, related, routine, sexual, social
 activity, n; n + activity; brain, business, leisure, marketing
 activity, n; v + activity; conduct, perform, promote, regulate, stimulate, undertake
 actual, adj; actual + n; amount, behaviour, content, data, event, experience, fact, implementation, knowledge, level, mechanism, number, outcome, performance, practise, process, rate, situation, time
 adapt, v; adapt + prep; to
 adapt, v; adv + adapt; easily, well
 adaptive, adj; adaptive + n; behaviour, response
 additional, adj; additional + n; advantage, analysis, assumption, benefit, burden, challenge, component, constraint, cost, criterion, data, element, evidence, expense, explanation, factor, funding, information, input, insight, item, limitation, load, material, measure, point, power, problem, question, research, resource, source, step, study, support, training, variable
 additive, adj; additive + n; effect, model
 address, v; address + n; aspect, challenge, concern, gap, impact, issue, limitation, need, objective, possibility, problem, question, role, situation, topic
 address, v; adv + address; adequately, directly, effectively, explicitly, simultaneously, specifically
 adequate, adj; adequate + n; attention, explanation, level, measure, number, protection, representation, resource, supply, support
 adequate, adj; adv + adequate; perfectly
 adequate, adj; v + adequate; consider
 adequately, adv; adequately + v; address, control, deal, describe, explain, perform, represent, respond
 adhere, v; adhere + prep; to
 adhere, v; adv + adhere; strictly

adjacent, adj; adv + adjacent; immediately
adjustment, n; adj + adjustment; minor
adjustment, n; v + adjustment; make, require
administrative, adj; administrative + n; purpose, staff, task
adopt, v; adopt + n; approach, attitude, criterion, framework, method, perspective, policy, position,
practise, procedure, standard, strategy, style, system, technology, view
adopt, v; adopt + prep; by
adopt, v; adv + adopt; later, widely
adoption, n; adj + adoption; widespread
adoption, n; adoption + prep; of
adult, adj; adult + n; female, life, male, man, population, woman
adulthood, n; adj + adulthood; early
advance, v; advance + n; knowledge, understanding
advanced, adj; advanced + n; course, form, stage, technique, technology
adversely, adv; adversely + v; affect
advisory, adj; advisory + n; board, committee
advocate, v; advocate + n; approach
affect, v; adv + affect; adversely, certainly, clearly, differentially, differently, directly, equally, greatly,
indirectly, negatively, particularly, positively, probably, profoundly, seriously, severely, significantly,
similarly, strongly, substantially
affect, v; affect + n; ability, access, amount, aspect, attitude, balance, behaviour, choice, decision,
development, distribution, estimate, extent, function, interpretation, life, outcome, pattern, people,
perception, performance, price, property, quality, rate, relationship, response, result, right, shape, status,
structure, validity
affect, v; affect + prep; by
affinity, n; v + affinity; have
aggregate, adj; aggregate + n; data
agricultural, adj; agricultural + n; development, industry, land, practise, product, production,
productivity, technique
aim, n; adj + aim; initial, main, major, overall, primary, principal, specific, stated, ultimate
aim, n; v + aim; achieve
align, v; adv + align; closely
alleviate, v; alleviate + n; problem
allocate, v; allocate + n; resource, time
allowance, n; v + allowance; make
alter, v; adv + alter; significantly, slightly, substantially
alter, v; alter + n; balance, behaviour, course, nature, pattern, relationship, structure
alternative, adj; alternative + n; approach, choice, explanation, form, formulation, hypothesis,
interpretation, means, measure, method, model, option, plan, possibility, practise, procedure, programme,
route, solution, source, strategy, structure, theory, version, view, way
alternative, n; adj + alternative; attractive, available, possible, viable
alternative, n; v + alternative; offer, provide, seek

alternatively, adv; alternatively + v; suggest, use
 ambiguity, n; v + ambiguity; resolve
 analogous, adj; analogous + n; manner
 analogous, adj; analogous + prep; to
 analogy, n; v + analogy; draw, use
 analysis, n; adj + analysis; additional, careful, closer, comparative, comprehensive, critical, descriptive, detailed, economic, empirical, exploratory, extensive, final, following, formal, full, functional, historical, initial, logistic, longitudinal, multivariate, precise, preliminary, previous, primary, qualitative, quantitative, recent, rigorous, secondary, separate, simple, simultaneous, sophisticated, statistical, structural, subsequent, systematic, thematic, theoretical, thorough
 analysis, n; analysis + n; technique
 analysis, n; analysis + v; confirm, demonstrate, enable, focus, highlight, indicate, proceed, restrict, reveal, show, suggest, yield
 analysis, n; n + analysis; cluster, content, correlation, data, factor, network, path, regression, statistical
 analysis, n; v + analysis; conduct, perform, permit, restrict, simplify, undertake
 analytic, adj; analytic + n; approach, strategy, study
 analytical, adj; analytical + n; approach, method, purpose, technique, tool
 analyse, v; analyse + n; data, effect, nature, problem, structure
 anecdotal, adj; anecdotal + n; evidence, report
 anxiety, n; adj + anxiety; increased
 anxiety, n; anxiety + n; disorder
 apparatus, n; v + apparatus; use
 apparent, adj; adv + apparent; clearly, immediately, particularly, readily
 apparent, adj; apparent + n; benefit, contradiction, difference, discrepancy, effect, lack, success
 apparent, adj; v + apparent; become
 appendix, n; v + appendix; see
 applicable, adj; adv + applicable; directly, generally, particularly
 applicable, adj; applicable + prep; to
 application, n; adj + application; direct, future, limited, particular, possible, potential, practical, specific, successful, wider
 application, n; application + v; require
 application, n; n + application; planning, software
 application, n; v + application; discuss
 applied, adj; applied + n; research, science
 apply, v; adv + apply; broadly, consistently, directly, easily, effectively, equally, finally, frequently, mainly, normally, particularly, similarly, specifically, successfully, typically, well
 apply, v; apply + n; approach, concept, criterion, knowledge, law, method, principle, procedure, rule, skill, strategy, technique, theory
 apply, v; apply + prep; to
 appreciation, n; appreciation + prep; of
 approach, n; adj + approach; alternative, analytic, analytical, basic, broad, collaborative, common, comparative, complementary, comprehensive, conceptual, conservative, conventional, current, different,

direct, effective, empirical, evolutionary, existing, flexible, functional, general, holistic, innovative, integrated, interesting, latter, main, methodological, mixed, modern, new, novel, phenomenological, practical, pragmatic, preferred, promising, qualitative, quantitative, rational, realistic, rigorous, scientific, similar, simple, structural, systematic, theoretical, therapeutic, traditional, various
 approach, n; approach + v; acknowledge, allow, assume, differ, enable, fail, involve, permit, rely, tend, yield
 approach, n; n + approach; regression
 approach, n; v + approach; adopt, advocate, apply, combine, develop, employ, implement, incorporate, offer, outline, propose, take, underlie, use
 appropriate, adj; adv + appropriate; particularly
 appropriate, adj; appropriate + n; action, amount, behaviour, condition, context, form, goal, intervention, level, manner, material, measure, method, model, procedure, response, standard, strategy, technique, tool, training, treatment, way
 appropriate, adj; v + appropriate; consider, deem
 appropriate, v; adv + appropriate; particularly
 appropriately, adv; appropriately + v; describe, respond, use
 approximate, adj; adv + approximate; closely
 approximate, v; adv + approximate; closely
 approximately, adv; approximately + adj; equal, equivalent
 argue, v; adv + argue; recently, strongly
 arise, v; adv + arise; naturally
 arise, v; arise + prep; from
 array, n; adj + array; vast, wide
 article, n; adj + article; published, recent, relevant
 article, n; article + v; begin, contain, describe, discuss, explore, focus, provide
 article, n; n + article; journal, newspaper, review
 article, n; v + article; contain, publish, read
 articulate, v; adv + articulate; clearly
 aspect, n; adj + aspect; certain, critical, crucial, cultural, different, difficult, essential, fundamental, important, interesting, interpersonal, key, main, major, negative, particular, physical, political, positive, practical, psychological, qualitative, quantitative, relevant, significant, social, specific, striking, technical, technological, unique, various
 aspect, n; aspect + prep; of
 aspect, n; aspect + v; contribute
 aspect, n; v + aspect; address, affect, assess, capture, consider, cover, discuss, emphasise, explore, highlight, include, investigate, reflect, represent, reveal, understand
 assertion, n; v + assertion; support
 assess, v; adv + assess; accurately, correctly, critically, directly, easily, fully
 assess, v; assess + n; ability, aspect, change, consequence, degree, difference, effect, effectiveness, extent, impact, importance, influence, need, perception, performance, relationship, relevance, reliability, role, severity, significance, status, strength, validity
 assess, v; assess + prep; by

assign, v; adv + assign; randomly
assign, v; assign + n; number, role, score, task, value
assign, v; assign + prep; to
assistance, n; adj + assistance; financial, technical
assistance, n; v + assistance; provide, receive, require
associate, v; adv + associate; clearly, closely, commonly, consistently, directly, frequently, generally, intimately, negatively, normally, particularly, positively, primarily, significantly, similarly, strongly, traditionally, typically, usually
associate, v; associate + prep; with
association, n; adj + association; close, negative, positive, statistical, strong, strongest
association, n; association + prep; between, with
association, n; association + v; exist
association, n; n + association; housing, international, medical, national
association, n; v + association; demonstrate, examine, find, investigate, reveal, show
assume, v; adv + assume; commonly, generally, implicitly, mistakenly, normally, similarly, simply, usually
assume, v; assume + n; existence, importance, position, responsibility, role
assumption, n; adj + assumption; additional, basic, certain, common, following, fundamental, implicit, important, key, simplifying, theoretical, underlying
assumption, n; assumption + prep; about
assumption, n; assumption + v; hold, imply, lead
assumption, n; v + assumption; make, meet, question, support, violate
attain, v; attain + n; status
attempt, n; adj + attempt; numerous, previous, recent, serious, subsequent, successful
attempt, n; attempt + prep; at
attempt, n; attempt + v; fail
attempt, n; v + attempt; make, represent
attitude, n; adj + attitude; different, negative, positive, public
attitude, n; attitude + prep; towards
attitude, n; attitude + v; change
attitude, n; v + attitude; adopt, affect, change, examine, explore, hold, indicate, reflect
attributable, adj; adv + attributable; directly
attributable, adj; attributable + prep; to
attribute, n; adj + attribute; physical
attribute, v; adv + attribute; directly, largely, solely
attribute, v; attribute + prep; to
author, n; adj + author; latter, original, various
author, n; author + v; acknowledge, argue, attempt, believe, call, choose, claim, comment, conclude, consider, define, demonstrate, describe, discuss, draw, examine, explain, explore, feel, find, focus, mention, note, observe, point, present, propose, provide, report, review, stress, suggest, try
autonomy, n; v + autonomy; give, promote
availability, n; adj + availability; increased, increasing, limited

availability, n; availability + prep; of
 availability, n; n + availability; resource
 available, adj; adv + available; commercially, currently, easily, freely, generally, immediately, previously, publicly, readily, widely
 available, adj; available + n; alternative, data, evidence, information, literature, material, method, option, resource, source, space, technology
 available, adj; available + prep; for
 available, adj; v + available; make
 axis, n; adj + axis; central, vertical
 barrier, n; adj + barrier; major
 barrier, n; barrier + prep; to
 barrier, n; n + barrier; language, trade
 barrier, n; v + barrier; constitute, create, provide
 base, v; adv + base; entirely, exclusively, largely, mainly, partly, primarily, solely, usually
 base, v; base + prep; on, upon
 basic, adj; basic + n; approach, assumption, block, category, characteristic, component, concept, condition, data, education, element, fact, feature, form, framework, function, idea, information, issue, knowledge, level, method, model, need, notion, pattern, premise, principle, problem, property, question, requirement, research, rule, skill, strategy, structure, task, technique, theory, tool, understanding, unit
 basis, n; adj + basis; biological, daily, empirical, individual, national, rational, regional, regular, scientific, solid, sound, strong, theoretical, voluntary, weekly
 basis, n; basis + prep; for, of
 basis, n; n + basis; knowledge
 basis, n; v + basis; establish, form, provide
 belief, n; adj + belief; cultural, personal, religious, strong, widespread
 belief, n; belief + prep; about
 belief, n; v + belief; express, support
 beneficial, adj; adv + beneficial; mutually, particularly, potentially
 beneficial, adj; beneficial + n; effect
 beneficial, adj; v + beneficial; prove
 benefit, n; adj + benefit; added, additional, apparent, considerable, economic, financial, full, greater, greatest, little, major, maximum, mutual, obvious, overall, positive, potential, real, social, substantial
 benefit, n; benefit + prep; from
 benefit, n; benefit + v; outweigh
 benefit, n; v + benefit; appreciate, bring, confer, demonstrate, derive, gain, highlight, maximise, offer, provide, reap, receive
 bias, n; adj + bias; cultural, inherent, potential
 bias, n; bias + v; exist
 bias, n; n + bias; response
 bias, n; v + bias; avoid, introduce, reduce, reflect
 biological, adj; biological + n; basis, difference, evolution, factor, parent, process, science
 boundary, n; adj + boundary; geographical, national

boundary, n; boundary + n; line
 boundary, n; boundary + v; blur
 boundary, n; v + boundary; cross, define
 bridge, v; bridge + n; gap
 broad, adj; broad + n; agreement, approach, area, audience, base, category, class, definition, outline, pattern, perspective, range, spectrum, term, view
 broadly, adv; broadly + adj; consistent, similar
 broadly, adv; broadly + v; apply, define, speak
 calculate, v; calculate + n; coefficient, probability, rate, score, value
 calculate, v; calculate + prep; by, from
 calculation, n; calculation + v; show
 capability, n; v + capability; have
 capacity, n; adj + capacity; carrying, full, greater, high, higher, increased, limited, productive, total
 capacity, n; capacity + prep; for
 capacity, n; capacity + v; limit
 capacity, n; n + capacity; carrying, memory, storage
 capacity, n; v + capacity; demonstrate, develop, enhance, exceed, have, increase, lose, reduce
 category, n; adj + category; basic, broad, certain, diagnostic, different, discrete, distinct, final, general, latter, major, separate, specific
 category, n; category + v; consist, include
 category, n; v + category; represent
 causal, adj; causal + n; effect, explanation, factor, inference, link, relation, relationship
 caveat, n; adj + caveat; important
 census, n; census + n; bureau, data
 central, adj; central + n; area, axis, body, committee, component, concept, core, feature, government, idea, importance, issue, location, office, part, place, point, position, problem, question, region, role, site, theme
 centralised, adj; centralised + n; control
 centrally, adv; centrally + v; locate
 century, n; adj + century; last, next, past
 century, n; n + century; half
 challenge, n; adj + challenge; additional, considerable, difficult, greater, greatest, key, main, major, new, particular, real, serious, significant, unique
 challenge, n; challenge + v; face, lie
 challenge, n; v + challenge; address, create, face, highlight, meet, offer, pose, present, represent
 change, n; adj + change; abrupt, behavioural, considerable, cultural, developmental, dramatic, drastic, environmental, evolutionary, following, frequent, fundamental, gradual, greatest, historical, little, major, marked, massive, meaningful, minor, noticeable, organisational, positive, profound, progressive, proposed, qualitative, radical, rapid, recent, remarkable, resulting, significant, small, social, structural, subsequent, substantial, subtle, sudden, systemic, technological, tremendous
 change, n; change + prep; in
 change, n; change + v; affect, alter, happen, occur

change, n; n + change; behaviour, climate, population
change, n; v + change; assess, cause, facilitate, find, implement, initiate, produce, reflect, track, undergo
changing, adj; changing + n; circumstance, condition, environment, nature, pattern
characteristic, adj; characteristic + n; feature
characteristic, n; adj + characteristic; certain, common, defining, demographic, different, distinctive, distinguishing, following, functional, general, important, individual, inherent, intrinsic, key, main, major, natural, particular, personal, physical, relevant, secondary, similar, social, specific, structural, typical, unique, various
characteristic, n; characteristic + v; affect, distinguish, relate
characteristic, n; n + characteristic; background
characteristic, n; v + characteristic; describe, display, examine, exhibit, identify, possess, reflect, share, show
characterise, v; adv + characterise; typically
characterise, v; characterise + prep; by
chosen, adj; chosen + n; field
cite, v; adv + cite; commonly, frequently
cite, v; cite + n; example, reason
cite, v; cite + prep; in
civilisation, n; adj + civilisation; western
claim, n; v + claim; make, support
clarification, n; v + clarification; require
clarify, v; clarify + n; issue, meaning, relationship, role
classification, n; classification + n; scheme, system
classification, n; n + classification; international
classify, v; classify + prep; as
climate, n; adj + climate; current, political
climate, n; climate + n; change
climate, n; climate + v; change
code, n; code + v; contain
code, n; n + code; civil
coherent, adj; coherent + n; structure
coincide, v; adv + coincide; necessarily
coincide, v; coincide + prep; with
colleague, n; adj + colleague; senior
colleague, n; colleague + v; show
collective, adj; collective + n; effort
collectively, adv; collectively + v; know
combination, n; adj + combination; complex, linear, optimal, particular, possible, specific, various
combination, n; combination + prep; of, with
combination, n; combination + v; lead, produce, provide
combination, n; v + combination; represent, use
combined, adj; combined + n; effect

commercially, adv; commercially + adj; available
commitment, n; adj + commitment; personal
commitment, n; commitment + prep; to
commitment, n; v + commitment; involve, make, require
common, adj; adv + common; extremely, fairly, increasingly, particularly, quite, relatively
common, adj; common + n; ancestor, approach, assumption, cause, characteristic, complaint, definition, denominator, device, element, error, factor, feature, finding, framework, goal, ground, interest, method, misconception, mistake, objective, occurrence, origin, pattern, perception, phenomenon, practise, problem, purpose, reason, sense, situation, source, technique, theme, thread, type, understanding, usage
common, adj; v + common; become
commonly, adv; commonly + v; accept, associate, assume, call, cite, describe, know, present, refer, regard, report, see, take, use
communicate, v; adv + communicate; effectively
communicate, v; communicate + n; finding, idea, information
communicate, v; communicate + prep; with
communication, n; adj + communication; direct, effective, electronic, human, improved, internal, online, open, verbal, written
communication, n; communication + n; channel, medium, network, pattern, problem, process, skill, system, technology, tool
communication, n; n + communication; mass
communication, n; v + communication; allow, facilitate, promote
comparable, adj; adv + comparable; directly
comparable, adj; comparable + n; data, figure, level, rate, result
comparable, adj; comparable + prep; to
comparative, adj; comparative + n; advantage, analysis, approach, data, method, purpose, study
comparatively, adv; comparatively + adj; little, low, small
compare, v; adv + compare; directly
compare, v; compare + n; accuracy, effectiveness, means, performance, result, score
compare, v; compare + prep; to, with
comparison, n; adj + comparison; detailed, direct, international, meaningful, multiple, statistical, systematic
comparison, n; comparison + n; group
comparison, n; comparison + prep; between, with
comparison, n; comparison + v; allow, indicate, reveal, show, suggest
comparison, n; v + comparison; allow, enable, facilitate, involve, make, provide
compatible, adj; compatible + prep; with
compensate, v; compensate + prep; for
competitive, adj; adv + competitive; highly
competitive, adj; competitive + n; advantage, environment, market
complementary, adj; complementary + n; approach
completed, adj; completed + n; form
complex, adj; adv + complex; extremely, far, highly, increasingly, relatively

complex, adj; complex + n; behaviour, combination, environment, interaction, interplay, issue, nature, network, organisation, pattern, phenomenon, picture, procedure, process, relationship, sequence, series, set, structure, system, task
 complexity, n; adj + complexity; increased, increasing
 complexity, n; complexity + prep; of
 complexity, n; complexity + v; require
 complexity, n; v + complexity; add, increase, reduce, reflect
 compliance, n; compliance + prep; with
 compliance, n; v + compliance; ensure
 complicate, v; complicate + n; matter
 complicating, adj; complicating + n; factor
 component, n; adj + component; additional, basic, central, cognitive, critical, crucial, different, distinct, emotional, essential, important, individual, integral, key, major, necessary, principal, single, specific, strong, structural, various
 component, n; component + n; analysis, part
 component, n; component + v; consist
 component, n; v + component; add, contain, identify, include, incorporate
 compose, v; adv + compose; mainly
 compose, v; compose + prep; of
 composite, adj; composite + n; measure, score
 comprehensive, adj; comprehensive + n; account, analysis, approach, assessment, list, model, overview, set, study, survey, system, treatment, understanding, way
 comprise, v; adv + comprise; typically
 comprise, v; comprise + n; group, item, number
 conceive, v; adv + conceive; originally
 concentric, adj; concentric + n; circle
 concept, n; adj + concept; abstract, basic, central, crucial, general, important, key, new, related, relevant, scientific, theoretical, traditional, underlying
 concept, n; concept + prep; of
 concept, n; concept + v; emerge, imply
 concept, n; n + concept; design, key
 concept, n; v + concept; apply, bring, define, develop, discuss, explain, express, illustrate, introduce, understand
 conception, n; conception + prep; of
 conceptual, adj; conceptual + n; approach, difficulty, framework, level, model, problem, structure
 concern, n; adj + concern; environmental, ethical, greater, growing, immediate, key, main, major, methodological, particular, primary, prime, public, related, serious
 concern, n; concern + prep; about
 concern, n; concern + v; arise
 concern, n; n + concern; health
 concern, n; v + concern; address, express, raise, reflect
 concern, v; adv + concern; especially, far, primarily

concern, v; concern + prep; with
concerted, adj; concerted + n; effort
conclude, v; adv + conclude; finally
conclude, v; conclude + n; section
conclusion, n; adj + conclusion; different, final, following, general, main, overall, similar, tentative
conclusion, n; conclusion + v; demonstrate, reach
conclusion, n; v + conclusion; draw, reach, reinforce, support
conclusively, adv; conclusively + v; show
concomitant, adj; concomitant + n; increase
concurrent, adj; concurrent + n; validity
condition, n; adj + condition; abnormal, adverse, appropriate, basic, certain, changing, controlled, critical, deteriorating, different, environmental, existing, experimental, external, extreme, favourable, harsh, ideal, identical, initial, latter, living, local, medical, moderate, natural, necessary, normal, optimal, physical, poor, prevailing, severe, similar, social, special, specific, specified, standard, sufficient, suitable, unstable, usual, various, working, worse
condition, n; condition + v; affect, differ, exist, prevail
condition, n; n + condition; baseline, health, housing, lighting, living, market, testing, treatment, weather, working
condition, n; v + condition; create, improve, meet, satisfy, specify
conditional, adj; conditional + n; probability
conduct, v; adv + conduct; currently, independently
conduct, v; conduct + n; activity, analysis, assessment, business, experiment, interview, investigation, research, search, survey, test
conduct, v; conduct + prep; by
confer, v; confer + n; advantage, benefit
configuration, n; adj + configuration; different, new, particular
confine, v; adv + confine; largely
confine, v; confine + n; attention
confine, v; confine + prep; to
conflict, n; adj + conflict; potential
conflict, n; conflict + prep; between, with
conflict, n; conflict + v; arise, occur
conflict, n; v + conflict; cause, resolve
conflicting, adj; conflicting + n; evidence, result
conform, v; conform + prep; to
confound, v; adv + confound; potentially
conjunction, n; conjunction + prep; with
connexion, n; adj + connexion; close, direct, possible, strong
connexion, n; connexion + prep; between, with
connexion, n; v + connexion; indicate, make
consensus, n; adj + consensus; general
consensus, n; v + consensus; reach

consequence, n; adj + consequence; devastating, dire, direct, disastrous, economic, harmful, important, inevitable, likely, little, major, negative, physical, positive, possible, potential, practical, serious, severe, significant, social, unintended

consequence, n; consequence + prep; of

consequence, n; v + consequence; assess, avoid, consider, examine, explore, have, suffer, understand

consequently, adv; consequently + v; increase, provide, require, tend

considerable, adj; considerable + n; advance, advantage, amount, attention, benefit, challenge, change, confusion, cost, damage, debate, degree, detail, difference, difficulty, discussion, distance, effort, evidence, experience, impact, importance, increase, influence, interest, investment, length, number, overlap, period, potential, power, pressure, problem, progress, proportion, scope, significance, skill, success, time, value, variation

considerably, adv; considerably + adj; greater, higher, larger, lower, smaller

considerably, adv; considerably + v; change, enhance, expand, improve, increase, reduce

consideration, n; adj + consideration; brief, careful, detailed, ethical, general, important, major, methodological, political, practical, primary, serious, similar, special, theoretical

consideration, n; consideration + v; apply, influence, lead

consideration, n; v + consideration; deserve, give, include, merit, require, warrant

consist, v; adv + consist; entirely, essentially, largely, mainly, normally, primarily, simply, typically, usually

consist, v; consist + prep; of

consistency, n; adj + consistency; internal, logical

consistency, n; v + consistency; ensure, show

consistent, adj; adv + consistent; broadly, completely, entirely, fairly, generally, internally, relatively

consistent, adj; consistent + n; finding, manner, pattern, relationship

consistent, adj; consistent + prep; with

consistently, adv; consistently + adj; high, low

consistently, adv; consistently + v; apply, associate, demonstrate, show, use

constitute, v; constitute + n; barrier, bulk, majority, proof, threat

constrain, v; adv + constrain; highly

constraint, n; adj + constraint; additional, certain, economic, important, major, powerful, structural

constraint, n; constraint + prep; on

constraint, n; constraint + v; limit

constraint, n; n + constraint; time

constraint, n; v + constraint; impose, place, satisfy

construct, v; adv + construct; newly, socially

construct, v; construct + n; model, representation, theory

constructive, adj; constructive + n; criticism

consumption, n; adj + consumption; human, increased

consumption, n; n + consumption; alcohol

consumption, n; v + consumption; reduce

contact, n; adj + contact; close, direct, frequent, initial, regular, sexual, social

contact, n; contact + prep; with

contact, n; n + contact; eye
 contact, n; v + contact; establish, maintain, make
 contain, v; adv + contain; similarly, typically, usually
 contain, v; contain + n; article, component, content, description, detail, element, error, feature, image, information, item, material, name, reference, statement, unit, word
 content, n; adj + content; actual
 content, n; content + n; analysis, area, validity
 content, n; n + content; course, information
 content, n; v + content; contain, determine, examine
 context, n; adj + context; appropriate, broader, cultural, current, different, environmental, everyday, global, historical, immediate, local, meaningful, particular, political, real, relevant, social, wider
 context, n; v + context; provide
 contingency, n; contingency + n; plan, table
 continually, adv; continually + v; change
 continued, adj; continued + n; existence, presence, research, use
 continuing, adj; continuing + n; education
 continuity, n; v + continuity; ensure
 continuous, adj; continuous + n; growth, monitoring, process, variable
 contradict, v; contradict + n; finding, view
 contradiction, n; adj + contradiction; apparent
 contradictory, adj; adv + contradictory; apparently
 contrary, adj; contrary + prep; to
 contrast, n; adj + contrast; direct, marked, sharp, stark, striking, strong
 contrast, n; contrast + prep; between
 contrast, v; adv + contrast; sharply
 contribute, v; adv + contribute; actively, directly, equally, greatly, probably, significantly, substantially
 contribute, v; contribute + prep; to
 contributing, adj; contributing + n; factor
 contribution, n; adj + contribution; greatest, important, independent, individual, main, major, original, positive, potential, relative, significant, small, specific, substantial, unique, valuable
 contribution, n; contribution + prep; to
 contribution, n; contribution + v; depend
 contribution, n; v + contribution; evaluate, examine, make, represent
 control, n; adj + control; absolute, greater, inhibitory, social, strict, tight, voluntary
 control, n; control + n; condition, group, mechanism, subject, system, variable
 control, n; control + prep; over
 control, n; n + control; birth, disease, motor, quality
 control, n; v + control; exercise, exert, gain, maintain
 control, v; adv + control; adequately, carefully, effectively, properly, strictly, tightly
 control, v; control + n; behaviour
 conventional, adj; conventional + n; approach, form, level, method, model, practise, technique, test, wisdom

convergent, adj; convergent + n; validity
convert, v; convert + prep; to
convey, v; convey + n; information, meaning
cooperation, n; adj + cooperation; close, international
cooperation, n; v + cooperation; require
core, n; adj + core; central
core, n; core + n; element, feature, value
corrective, adj; corrective + n; action
correctly, adv; correctly + v; answer, assess, describe, identify, interpret, perform, point, predict, read, report, solve, use
correspond, v; adv + correspond; closely, respectively, roughly
correspond, v; correspond + prep; to
corresponding, adj; corresponding + n; figure, increase
corresponding, adj; corresponding + prep; to
corroborate, v; corroborate + n; finding
counterpart, n; adj + counterpart; larger, male
couple, v; couple + prep; with
creation, n; creation + prep; of
creation, n; v + creation; allow, involve
creative, adj; creative + n; process, work
credence, n; v + credence; lend
critical, adj; adv + critical; particularly
critical, adj; critical + n; analysis, appraisal, aspect, comment, component, condition, discussion, evaluation, factor, function, importance, issue, period, point, question, review, role, skill, stage, step, theory, thinking, value
critically, adv; critically + adj; important
critically, adv; critically + v; evaluate, examine, review
critique, n; critique + prep; of
crucial, adj; crucial + n; aspect, component, concept, element, factor, importance, issue, part, point, question, role, step
crucially, adv; crucially + v; depend
cue, n; adj + cue; visual
cue, n; cue + v; lead
cue, n; v + cue; take
cultural, adj; cultural + n; aspect, background, belief, bias, change, context, development, difference, diversity, factor, force, institution, issue, knowledge, pattern, practise, study, value
culture, n; adj + culture; corporate, different, dominant, human, local, popular
culture, n; v + culture; create
cumulative, adj; cumulative + n; effect
current, adj; current + n; approach, climate, context, crisis, debate, effort, evidence, experiment, finding, initiative, interest, issue, knowledge, level, literature, location, method, model, paper, position, practise, project, research, situation, state, status, study, system, theory, thinking, trend, understanding, usage

currently, adv; currently + adj; available

currently, adv; currently + v; conduct, consider, employ, exist, face, hold, know, limit, undertake, use, work

cycle, n; cycle + v; begin

cycle, n; n + cycle; life

cycle, n; v + cycle; break

data, n; adj + data; actual, additional, aggregated, available, basic, collecting, comparable, comparative, complete, descriptive, detailed, empirical, existing, extensive, historical, incomplete, limited, little, longitudinal, missing, necessary, new, numerical, objective, observational, original, preliminary, previous, primary, qualitative, quantitative, raw, recent, related, relevant, reliable, scientific, secondary, statistical, sufficient, total, valuable

data, n; data + n; analysis, base, collection, file, processing, set, source, storage, structure

data, n; data + v; allow, appear, collect, confirm, consist, , demonstrate, exhibit, exist, fit, give, highlight, include, indicate, need, point, provide, record, relate, report, represent, reveal, seem, show, skew, suggest, support

data, n; n + data; baseline, census, input, interview, performance, questionnaire, raw, research, sample, statistical, survey, test, time

data, n; v + data; access, acquire, analyse, collect, describe, examine, fit, gather, get, handle, hold, include, interpret, obtain, present, process, produce, provide, share, show, summarise, use

database, n; database + n; system

database, n; database + v; contain

decision-making, adj; decision-making + n; process

decision-making, n; decision-making + n; process

decisive, adj; decisive + n; influence, role

decline, n; adj + decline; dramatic, general, gradual, rapid, significant, steady

decline, n; decline + prep; in

decline, n; n + decline; population

define, v; adv + define; accurately, broadly, carefully, clearly, culturally, differently, formally, generally, operationally, precisely, sharply, similarly, simply, specifically, typically, usually, well

define, v; define + n; behaviour, boundary, concept, domain, goal, limit, objective, parameter, role, scope

define, v; define + prep; as, by

defined, adj; defined + n; area, group

definition, n; adj + definition; agreed, broad, clear, following, precise, single

definition, n; definition + prep; of

definition, n; definition + v; include

definition, n; v + definition; meet, provide

definitive, adj; definitive + n; answer

degree, n; adj + degree; certain, considerable, different, greater, high, increasing, large, lesser, limited, lower, maximum, reasonable, significant, sufficient, various, varying

degree, n; degree + n; course

degree, n; degree + prep; of

degree, n; degree + v; depend, exist, vary
degree, n; n + degree; college, university
degree, n; v + degree; assess, demonstrate, determine, examine, involve, measure, offer, possess, reflect, show
deleterious, adj; deleterious + n; effect
delineate, v; adv + delineate; clearly
demand, n; adj + demand; cognitive, greater, growing, high, increased, increasing
demand, n; demand + n; management
demand, n; demand + prep; for
demand, n; demand + v; exceed, increase
demand, n; n + demand; consumer, task
demand, n; v + demand; create, impose, increase, make, meet, place, reduce, reflect, satisfy
demographic, adj; demographic + n; characteristic, data, factor, feature, information, shift, variable
demonstrate, v; adv + demonstrate; clearly, consistently, convincingly, finally, recently, repeatedly
demonstrate, v; demonstrate + n; ability, advantage, association, benefit, capacity, difference, difficulty, effect, effectiveness, existence, gain, impact, importance, nature, relationship, role, significance, similarity, strength, validity
depend, v; adv + depend; clearly, critically, crucially, greatly, heavily, largely, mainly, obviously, partly, primarily, strongly, ultimately
depend, v; depend + prep; on
depend, v; depend + prep; upon
dependence, n; dependence + prep; on
dependence, n; v + dependence; reduce
dependent, adj; adv + dependent; entirely, heavily, highly, largely, strongly, totally
dependent, adj; dependent + n; child, measure, variable
dependent, adj; dependent + prep; on, upon
depression, n; adj + depression; severe
depression, n; depression + n; scale
deprivation, n; adj + deprivation; social
derive, v; adv + derive; directly, empirically, largely, mainly, originally
derive, v; derive + n; benefit
derive, v; derive + prep; from
describe, v; adv + describe; accurately, adequately, appropriately, briefly, commonly, correctly, earlier, fully, later, previously, simply, subsequently, variously
describe, v; describe + n; behaviour, characteristic, data, event, experience, interaction, mechanism, method, methodology, pattern, phenomenon, procedure, process, property, relationship, situation, strategy, technique
describe, v; describe + prep; as, by
description, n; adj + description; accurate, brief, complete, detailed, following, full, general, short, simple, written
description, n; description + prep; of
description, n; v + description; contain, give, include, match, provide

design, n; adj + design; architectural, experimental, longitudinal, original, successful
 design, n; design + n; concept, decision, principle, process, stage
 design, n; design + v; allow
 design, n; n + design; interface, research, survey
 design, n; v + design; employ, inform
 design, v; adv + design; carefully, originally, primarily, specially, specifically
 desirable, adj; adv + desirable; highly, socially
 desire, n; adj + desire; strong
 desire, n; desire + prep; for
 desire, n; v + desire; express
 desired, adj; desired + n; effect, goal, outcome, result
 detailed, adj; detailed + n; account, analysis, argument, comparison, consideration, data, description, discussion, examination, explanation, history, information, investigation, knowledge, model, observation, picture, plan, presentation, record, report, specification, study, understanding, work
 detect, v; detect + n; difference, effect, pattern
 determinant, n; adj + determinant; important, key, main, major
 determinant, n; determinant + prep; of
 determine, v; adv + determine; finally, genetically, largely, primarily, solely, ultimately, uniquely
 determine, v; determine + n; amount, balance, behaviour, content, degree, distribution, effect, effectiveness, extent, fate, impact, length, level, nature, outcome, pattern, probability, quality, rate, significance, status, structure, success, validity, value
 determine, v; determine + prep; by
 determining, adj; determining + n; factor
 detrimental, adj; detrimental + n; effect
 develop, v; adv + develop; fully, gradually, initially, originally, primarily, rapidly, recently, separately, slowly, soon, specifically, subsequently, sufficiently, typically
 develop, v; develop + n; ability, approach, capacity, concept, framework, hypothesis, idea, means, methodology, model, network, relationship, skill, strategy, system, technique, theory, tool, understanding
 developed, adj; developed + n; country, nation, system, world
 developing, adj; developing + n; country, nation, world
 development, n; adj + development; agricultural, cognitive, commercial, cultural, early, economic, future, historical, human, industrial, intellectual, interesting, later, latest, major, new, normal, ongoing, parallel, professional, rapid, recent, related, rural, subsequent, successful, technological, urban
 development, n; development + n; agency, effort, plan, process, programme, project, strategy, team
 development, n; development + v; continue, occur, proceed
 development, n; n + development; housing, policy, product, skill
 development, n; v + development; affect, aid, enable, encourage, examine, facilitate, foster, hinder, impede, influence, inform, prevent, promote, reflect, stimulate, support, undergo
 device, n; adj + device; common, simple, useful, various
 device, n; v + device; use
 devise, v; devise + n; method, system, test

diagram, n; adj + diagram; simple

diagram, n; diagram + v; show

differ, v; adv + differ; considerably, greatly, significantly, widely

differ, v; differ + prep; from

difference, n; adj + difference; apparent, big, biological, clear, considerable, cultural, enormous, essential, ethnic, fundamental, greater, greatest, important, individual, interesting, key, large, little, main, major, marked, meaningful, minor, notable, observed, obvious, overall, potential, pronounced, qualitative, quantitative, racial, real, regional, significant, slight, small, striking, structural, substantial, subtle, systematic

difference, n; difference + prep; between, in

difference, n; difference + v; affect, arise, contribute, disappear, emerge, exist, lie, persist, pronounce, reach, reflect, relate

difference, n; n + difference; class, gender, sex

difference, n; v + difference; assess, demonstrate, detect, evaluate, examine, explain, explore, find, highlight, identify, illustrate, indicate, investigate, make, minimise, obscure, recognise, reflect, resolve, reveal, show

differential, adj; differential + n; effect, pattern

differentiate, v; adv + differentiate; clearly

differing, adj; differing + n; level

difficulty, n; adj + difficulty; conceptual, considerable, financial, great, increased, increasing, inherent, little, main, major, particular, potential, practical, relative, serious, technical

difficulty, n; difficulty + v; arise, lead, lie

difficulty, n; n + difficulty; learning, task

difficulty, n; v + difficulty; avoid, cause, create, demonstrate, discuss, encounter, experience, explain, face, have, highlight, illustrate, overcome, pose, present, reflect, resolve

diffusion, n; diffusion + n; model

dilemma, n; adj + dilemma; ethical, moral

dilemma, n; v + dilemma; pose, present

dimension, n; adj + dimension; different, higher, important, multiple, new, relevant, single, various

dimension, n; v + dimension; add, measure

direct, adj; adv + direct; primarily, specifically

direct, adj; direct + n; access, action, application, approach, assessment, association, attention, comparison, competition, connexion, consequence, contact, contrast, control, correlation, effect, evidence, experience, impact, implication, influence, input, interaction, investment, involvement, link, measure, mechanism, method, observation, proportion, reflection, relation, relationship, relevance, responsibility, result, translation

directive, n; v + directive; issue

directly, adv; directly + adj; applicable, attributable, comparable, proportional, relevant, responsible

directly, adv; directly + v; address, affect, assess, associate, attribute, cause, compare, connect, contribute, derive, employ, examine, impact, influence, involve, lead, link, measure, observe, participate, pay, place, reflect, relate, represent, speak, take, test, tie

disadvantage, n; adj + disadvantage; main, obvious, potential

disadvantage, n; disadvantage + v; include
disadvantage, n; v + disadvantage; have
discipline, n; adj + discipline; different, scientific, various
discovery, n; adj + discovery; new, recent, scientific
discrete, adj; discrete + n; category, unit
discuss, v; adv + discuss; briefly, extensively, finally, fully, previously, recently, separately, widely
discuss, v; discuss + n; application, aspect, difficulty, finding, idea, impact, implication, importance, issue, nature, possibility, problem, role
discussion, n; adj + discussion; brief, considerable, critical, detailed, earlier, extensive, following, full, general, ongoing, open, previous, recent, subsequent, thorough, useful
discussion, n; discussion + n; section
discussion, n; discussion + v; focus, highlight, reveal
discussion, n; n + discussion; classroom, general, group
discussion, n; v + discussion; begin, encourage, facilitate, generate, include
disentangle, v; disentangle + n; effect
display, v; display + n; behaviour, characteristic, feature, information, number, pattern, sign
disproportionate, adj; disproportionate + n; number, share
disruption, n; v + disruption; cause
disseminate, v; disseminate + n; information
distinct, adj; adv + distinct; quite
distinct, adj; distinct + n; advantage, category, component, entity, form, group, level, pattern, phase, point, process, region, structure, type
distinct, adj; distinct + prep; from
distinction, n; adj + distinction; clear, important
distinction, n; distinction + prep; between
distinction, n; v + distinction; draw, make
distinctive, adj; distinctive + n; characteristic, element, feature, pattern
distinguish, v; adv + distinguish; clearly, reliably
distinguish, v; distinguish + prep; between
distinguishable, adj; adv + distinguishable; clearly
distinguishing, adj; distinguishing + n; characteristic, feature
distribute, v; adv + distribute; equally, evenly, normally, randomly, unevenly, widely
distribution, n; adj + distribution; normal, overall, skewed, spatial, underlying, uniform, wide
distribution, n; distribution + n; network
distribution, n; distribution + prep; of
distribution, n; distribution + v; vary
distribution, n; n + distribution; land
distribution, n; v + distribution; affect, determine, examine
disturbance, n; adj + disturbance; emotional
diversity, n; adj + diversity; cultural, great, greater, high
diversity, n; v + diversity; reflect
document, v; adv + document; well

domain, n; adj + domain; affective, different, given, public, specific, various
 domain, n; v + domain; define
 domestic, adj; domestic + n; industry, product, violence
 dominance, n; dominance + prep; of
 dominant, adj; dominant + n; class, culture, feature, group, influence, mode, model, role
 dominate, v; dominate + n; market
 dominate, v; dominate + prep; by
 drawback, n; adj + drawback; major
 drawback, n; v + drawback; have
 dual, adj; dual + n; effect, purpose, role, system, theory
 dynamic, adj; dynamic + n; environment, interaction, interplay, nature, process, system
 economic, adj; economic + n; activity, advantage, analysis, benefit, burden, capital, circumstance, consequence, consideration, constraint, cost, crisis, development, environment, factor, gain, growth, hardship, impact, importance, incentive, interest, intervention, issue, life, loss, opportunity, performance, policy, problem, reason, recession, resource, return, sense, significance, situation, stability, structure, success, system, theory, viability
 economically, adv; economically + adj; important
 effect, n; adj + effect; additive, adverse, beneficial, causal, combined, cumulative, damaging, deleterious, desired, detrimental, devastating, differential, direct, dramatic, environmental, expected, genetic, greater, greatest, harmful, immediate, independent, indirect, interactive, larger, largest, lasting, little, main, marked, multivariate, negative, negligible, opposite, overall, positive, potential, powerful, profound, random, secondary, similar, smaller, strong, stronger, strongest, unintended
 effect, n; effect + n; size
 effect, n; effect + prep; of, on
 effect, n; effect + v; depend, disappear, occur, persist, pronounce
 effect, n; n + effect; ceiling, floor, gender, interaction, learning, side
 effect, n; v + effect; achieve, analyse, assess, avoid, capture, demonstrate, detect, determine, disentangle, eliminate, estimate, evaluate, examine, exert, explain, explore, ignore, indicate, investigate, isolate, minimise, mitigate, predict, produce, reduce, reveal, show
 effective, adj; adv + effective; equally, highly, particularly, potentially
 effective, adj; effective + n; action, communication, management, manner, means, mechanism, method, policy, programme, solution, strategy, technique, tool, treatment, way
 effectively, adv; effectively + v; act, address, apply, carry, communicate, compete, control, deal, function, implement, manage, operate, perform, prevent, reduce, remove, respond, use
 efficiency, n; adj + efficiency; greater, increasing
 efficiency, n; v + efficiency; improve, increase
 efficient, adj; efficient + n; manner, means, method, process, system, use
 efficiently, adv; efficiently + v; make
 electronic, adj; electronic + n; communication, equipment, form, mail, material, system
 element, n; adj + element; additional, basic, certain, common, crucial, different, distinctive, essential, following, functional, important, integral, key, main, missing, necessary, particular, single, specific, structural, various, vital

element, n; n + element; core
element, n; v + element; add, combine, contain, identify, include, incorporate, involve
elicit, v; elicit + n; information, response
embed, v; adv + embed; deeply
embed, v; embed + prep; in
emerge, v; adv + emerge; clearly, recently
emerge, v; emerge + prep; as, from
emergence, n; emergence + prep; of
emerging, adj; emerging + n; field, technology
emotional, adj; emotional + n; arousal, component, distress, disturbance, experience, expression, reaction, response, state, support
emphasis, n; adj + emphasis; different, greater, increasing, main, particular, special, strong
emphasis, n; emphasis + prep; on
emphasis, n; emphasis + v; shift
emphasis, n; v + emphasis; place
emphasise, v; emphasise + n; aspect, difference, importance, nature, need, point, role, significance, value
empirical, adj; empirical + n; analysis, approach, basis, data, evidence, finding, method, observation, question, research, result, study, support, work
employ, v; adv + employ; currently, directly, frequently, widely
employ, v; employ + n; approach, design, measure, method, model, staff, strategy, technique
employ, v; employ + prep; by
employment, n; employment + n; opportunity
enable, v; enable + n; comparison, development, investigation, people, person, student, understanding
encode, v; encode + n; information
encompass, v; encompass + n; variety
encounter, n; adj + encounter; sexual
encounter, v; adv + encounter; frequently, previously
encounter, v; encounter + n; difficulty, problem
encourage, v; adv + encourage; actually, strongly
encourage, v; encourage + n; child, development, discussion, growth, participation, people, reader
engage, v; engage + prep; in
enhance, v; adv + enhance; considerably, greatly
enhance, v; enhance + n; ability, capacity, effectiveness, image, knowledge, power, skill, value
ensuing, adj; ensuing + n; year
ensure, v; ensure + n; access, compliance, consistency, continuity, quality, reliability, safety, security, stability, standard, survival, validity
enterprise, n; adj + enterprise; commercial
entity, n; adj + entity; distinct, independent, new, separate, single
entry, n; entry + n; point
environment, n; adj + environment; built, changing, competitive, complex, different, dynamic, economic, external, immediate, local, new, online, particular, physical, social, suitable, supportive, surrounding, urban, virtual, working

environment, n; environment + v; facilitate
 environment, n; n + environment; business, family, home, work
 environment, n; v + environment; create, perceive
 environmental, adj; environmental + n; change, concern, condition, context, damage, effect, factor, hazard, impact, issue, pollution, problem, protection, science, variable
 equal, adj; adv + equal; approximately, nearly, roughly
 equal, adj; equal + n; amount, distribution, frequency, importance, number, size, value
 equal, adj; equal + prep; to
 equality, n; n + equality; gender
 equally, adv; equally + adj; difficult, effective, important, likely, strong, valid, well
 equally, adv; equally + v; affect, apply, contribute, divide, share
 equation, n; n + equation; regression
 equilibrium, n; v + equilibrium; restore
 equivalent, adj; adv + equivalent; approximately, roughly
 equivalent, adj; equivalent + n; amount
 erosion, n; adj + erosion; soil
 erosion, n; n + erosion; soil
 error, n; adj + error; common, human, possible, standard, systematic
 error, n; error + n; bar, rate
 error, n; error + v; occur
 error, n; n + error; measurement, sampling, standard, type
 error, n; v + error; avoid, commit, contain, correct, make
 essential, adj; adv + essential; absolutely, clearly
 essential, adj; essential + n; aspect, component, difference, element, feature, function, information, ingredient, part, requirement, resource, role, step, task, tool
 essential, adj; essential + prep; for
 establish, v; adv + establish; clearly, finally, firmly, formally, initially, long, newly, previously, quickly, recently, successfully, well
 establish, v; establish + n; basis, contact, criterion, extent, foundation, framework, identity, link, nature, pattern, relationship, reliability, rule, scheme, standard, validity
 established, adj; established + n; practise, system, theory
 establishment, n; establishment + prep; of
 estimate, n; adj + estimate; accurate, rough
 estimate, n; estimate + v; indicate, suggest, vary
 estimate, n; n + estimate; reliability
 estimate, n; v + estimate; affect, give, produce, provide
 estimate, v; estimate + n; size
 estimation, n; estimation + prep; of
 ethic, n; ethic + n; committee
 ethic, n; n + ethic; research, work
 ethical, adj; ethical + n; concern, consideration, dilemma, implication, issue, principle, problem, question, reason, standard

ethnic, adj; ethnic + n; community, difference, group, minority
ethnically, adv; ethnically + adj; diverse
evaluate, v; evaluate + n; contribution, difference, effect, effectiveness, hypothesis, impact, performance, programme, quality, relationship, strategy, usefulness
everyday, adj; everyday + n; activity, context, experience, life, practise
evident, adj; adv + evident; clearly, especially, increasingly, particularly
evident, adj; evident + prep; in
evolution, n; adj + evolution; biological, human
evolution, n; evolution + prep; of
exacerbate, v; exacerbate + n; problem
examine, v; adv + examine; briefly, carefully, closely, critically, directly, explicitly, later, next, separately, specifically
examine, v; examine + n; ability, association, attitude, behaviour, characteristic, consequence, content, contribution, correlation, degree, development, difference, distribution, effect, extent, factor, feature, hypothesis, impact, implication, influence, interaction, issue, nature, pattern, perception, performance, possibility, process, question, relation, relationship, response, role, validity, variable, variation, way
example, n; adj + example; classic, clear, concrete, dramatic, excellent, extreme, following, good, interesting, notable, numerous, obvious, perfect, practical, previous, prime, recent, simple, specific, striking, typical
example, n; example + v; illustrate, include
example, n; v + example; cite, provide
exceed, v; adv + exceed; far, significantly
exceed, v; exceed + n; capacity, level, limit, number, threshold, value
exception, n; adj + exception; important, possible
excessive, adj; excessive + n; amount, use
exchange, n; adj + exchange; foreign, international
exchange, n; exchange + n; rate
exchange, n; exchange + v; occur, take
exchange, n; n + exchange; information, stock
exchange, n; v + exchange; facilitate
exclude, v; adv + exclude; completely, largely, specifically
exclude, v; exclude + n; possibility
exclude, v; exclude + prep; from
exclusion, n; exclusion + n; criterion
exclusively, adv; exclusively + v; base, focus, rely, use
exert, v; exert + n; control, effect, force, influence, pressure
exhibit, v; exhibit + n; behaviour, characteristic, degree, level, pattern, property, quality, range, relationship, structure, symptom
exist, v; adv + exist; actually, certainly, currently, longer
exist, v; exist + prep; between
existence, n; adj + existence; continued
existence, n; existence + prep; of

existence, n; v + existence; assume, confirm, demonstrate, imply, indicate, reveal, suggest
existing, adj; existing + n; approach, base, building, condition, data, evidence, framework, information, instrument, knowledge, literature, measure, method, model, pattern, practise, problem, programme, research, rule, scheme, set, situation, standard, structure, study, system
expansion, n; adj + expansion; rapid
expansion, n; expansion + prep; of
expansion, n; expansion + v; occur
expectancy, n; n + expectancy; life
expected, adj; expected + n; behaviour, direction, level, number, outcome, pattern, result, utility, value
expend, v; expend + n; effort
expenditure, n; adj + expenditure; total
expenditure, n; expenditure + v; increase
expenditure, n; n + expenditure; capital
experience, n; adj + experience; accumulated, actual, clinical, considerable, daily, direct, earlier, early, emotional, everyday, extensive, greater, human, limited, negative, past, personal, positive, practical, previous, prior, recent, sensory, sexual, subjective
experience, n; experience + v; differ
experience, n; n + experience; learning, user
experience, n; v + experience; capture, describe, enjoy, explore, gain, reflect, share
experience, v; experience + n; anxiety, difficulty, loss, pleasure
experienced, adj; experienced + n; professional
experiment, n; adj + experiment; current, entire, previous
experiment, n; experiment + v; demonstrate, involve, show
experiment, n; v + experiment; conduct
expert, adj; expert + n; system
expertise, n; adj + expertise; technical
expertise, n; v + expertise; require
explanation, n; adj + explanation; additional, adequate, alternative, brief, causal, clear, complete, detailed, full, likely, obvious, plausible, possible, potential, satisfactory, simple, theoretical
explanation, n; explanation + prep; for
explanation, n; explanation + v; account, lie, relate
explanation, n; v + explanation; give, offer, provide, receive, require
explanatory, adj; explanatory + n; factor, power, variable
explicit, adj; explicit + n; expression, form, goal, knowledge
explicit, adj; v + explicit; make
explicitly, adv; explicitly + v; acknowledge, address, consider, examine, include, mention, state, take
exploit, v; adv + exploit; fully
exploit, v; exploit + n; information, resource
exploration, n; exploration + prep; of
explore, v; adv + explore; fully

explore, v; explore + n; aspect, attitude, consequence, difference, dynamic, effect, experience, extent, factor, impact, implication, influence, issue, link, nature, option, pattern, perception, possibility, potential, question, range, relationship, role, strategy, way
 exponentially, adv; exponentially + v; increase
 express, v; adv + express; clearly, differently, frequently, fully, usually
 express, v; express + n; belief, concept, desire, fear, feeling, frustration, gratitude, interest, opinion, view, willingness, worry
 express, v; express + prep; as, by
 extend, v; adv + extend; easily, gradually, greatly, later, well
 extend, v; extend + n; analysis, finding, idea, knowledge, model, range, research, understanding, work
 extended, adj; extended + n; family, period
 extension, n; adj + extension; natural
 extension, n; extension + prep; of
 extension, n; extension + v; lead
 extension, n; v + extension; consider
 extensive, adj; extensive + n; analysis, area, data, discussion, evidence, experience, information, investigation, knowledge, literature, network, programme, range, research, review, study, system, training, use
 extensively, adv; extensively + v; discuss, use
 extent, n; adj + extent; certain, full, great, greater, large, lesser, limited, maximum, possible, significant
 extent, n; extent + v; depend, vary
 extent, n; v + extent; affect, assess, determine, establish, examine, explore, indicate, investigate, limit, reduce, reflect
 external, adj; external + n; agent, condition, control, environment, factor, force, influence, pressure, reward, source, stimulus, structure, validity, variable, world
 extract, v; extract + n; information
 extract, v; extract + prep; from
 face-to-face, adj; face-to-face + n; communication, interview
 facilitate, v; adv + facilitate; greatly
 facilitate, v; facilitate + n; access, acquisition, change, communication, comparison, development, discussion, exchange, flow, interpretation, learning, process, recognition, transfer, understanding
 facility, n; adj + facility; new
 facility, n; facility + v; allow
 facility, n; n + facility; production, storage
 facility, n; v + facility; provide, require
 factor, n; adj + factor; additional, biological, causal, certain, common, complicating, contextual, contributing, contributory, critical, crucial, cultural, demographic, determining, dominant, economic, environmental, explanatory, external, following, genetic, important, influential, inhibiting, key, limiting, main, major, mediating, multiple, numerous, personal, physical, potential, predictive, primary, principal, psychological, related, relevant, significant, single, social, socioeconomic, specific, structural, traditional, underlying, various, vital
 factor, n; factor + n; analysis, score

factor, n; factor + v; account, affect, cause, contribute, determine, drive, emerge, explain, facilitate, include, influence, interact, lead, play, promote, relate
 factor, n; n + factor; contributory, personality, risk
 factor, n; v + factor; consider, examine, explore, highlight, identify, ignore, incorporate, investigate
 factual, adj; factual + n; information
 failure, n; adj + failure; complete
 failure, n; failure + v; cause, lead, occur, result
 failure, n; v + failure; cause, explain
 farming, n; farming + n; practise
 favourable, adj; favourable + n; outcome
 feature, n; adj + feature; attractive, basic, central, certain, characteristic, common, defining, demographic, distinctive, distinguishing, dominant, essential, following, general, important, interesting, intrinsic, key, main, major, notable, obvious, particular, peculiar, permanent, physical, principal, prominent, relevant, salient, significant, similar, single, special, specific, striking, structural, typical, unique, various
 feature, n; feature + v; appear, contribute, distinguish, include
 feature, n; n + feature; surface
 feature, n; v + feature; contain, display, examine, highlight, identify, incorporate, share
 female, adj; female + n; participant, patient, student, subject, worker
 female, n; adj + female; adult
 female, n; female + v; differ
 figure, n; adj + figure; comparable, corresponding, following, higher
 figure, n; figure + v; demonstrate, indicate, represent, show
 finding, n; adj + finding; common, current, earlier, empirical, important, initial, interesting, key, latter, main, negative, original, overall, preliminary, previous, prior, recent, significant, similar, surprising, unexpected
 finding, n; finding + prep; from
 finding, n; finding + v; confirm, contradict, contribute, demonstrate, differ, emerge, extend, help, highlight, imply, indicate, lead, lend, parallel, provide, raise, reflect, relate, replicate, reveal, show, similar, suggest, support
 finding, n; n + finding; research
 finding, n; v + finding; communicate, confirm, contradict, corroborate, discuss, explain, extend, interpret, replicate, reveal, summarise, support, yield
 finite, adj; finite + n; number
 firstly, adv; firstly + v; need
 fixed, adj; fixed + n; amount, interval, number, position, value
 flexibility, n; adj + flexibility; greater
 flexibility, n; v + flexibility; allow, give, increase, offer, provide
 flexible, adj; flexible + n; approach, system, way
 flow, n; adj + flow; free, steady
 flow, n; flow + n; chart
 flow, n; n + flow; blood, cash, information
 flow, n; v + flow; facilitate, interrupt

focal, adj; focal + n; point
focus, n; adj + focus; greater, increased, main, major, particular, primary, specific
focus, n; focus + n; group
focus, n; focus + prep; on
focus, n; focus + v; shift
focus, n; v + focus; maintain, shift
focus, v; adv + focus; exclusively, increasingly, largely, mainly, narrowly, particularly, primarily, solely, specifically, traditionally, typically
focus, v; focus + n; attention, effort
focus, v; focus + prep; on
following, adj; following + n; analysis, area, argument, assumption, change, chapter, characteristic, comment, conclusion, day, definition, description, discussion, element, example, expression, factor, feature, figure, formula, function, hypothesis, information, issue, item, line, list, manner, measure, model, month, observation, order, page, paragraph, part, point, problem, proposition, question, quotation, quote, reason, result, scale, section, set, stage, statement, step, study, table, term, text, topic, type, way, week, year
form, n; adj + form; abstract, advanced, alternative, appropriate, basic, certain, common, completed, conventional, correct, different, electronic, explicit, extreme, functional, higher, institutional, mathematical, mild, modified, new, normal, original, particular, popular, precise, printed, pure, reduced, severe, simple, simpler, simplest, specific, traditional, various, written
form, n; n + form; consent, registration
form, n; v + form; constitute, take
form, v; adv + form; newly
form, v; form + n; basis, chain, foundation, part
formal, adj; formal + n; analysis, assessment, education, language, procedure, process, programme, system, test, training
formally, adv; formally + v; define, establish
format, n; adj + format; different
format, n; format + v; allow
format, n; v + format; use
formation, n; formation + prep; of
formulate, v; formulate + n; plan, theory
formulation, n; adj + formulation; alternative, original
formulation, n; formulation + prep; of
forum, n; adj + forum; public
foster, v; foster + n; development
fraction, n; adj + fraction; small, tiny
fraction, n; fraction + prep; of
fragment, n; adj + fragment; small
framework, n; adj + framework; basic, common, conceptual, existing, general, legal, new, theoretical, useful
framework, n; framework + prep; for

framework, n; framework + v; allow
 framework, n; v + framework; adopt, develop, establish, present, provide, use
 frequent, adj; frequent + n; change, contact
 frequently, adv; frequently + v; appear, associate, cause, cite, employ, encounter, express, happen, involve, mention, observe, occur, refer, report, use
 fulfil, v; fulfil + n; requirement
 function, n; adj + function; basic, certain, cognitive, critical, dual, essential, executive, following, important, linear, main, multiple, primary, proper, social, specific
 function, n; n + function; brain
 function, n; v + function; affect, define, possess, serve
 function, v; adv + function; effectively, independently, normally
 functional, adj; functional + n; analysis, approach, characteristic, element, form, relationship, role, unit
 fundamental, adj; fundamental + n; aspect, assumption, change, difference, importance, issue, level, point, principle, problem, process, question, role, tenet, way
 fundamentally, adv; fundamentally + adj; different, important
 future, adj; future + n; application, behaviour, date, development, direction, effort, event, generation, investigation, plan, prospect, research, study, success, trend, work
 gain, n; adj + gain; economic, greater, net, potential, significant, substantial
 gain, n; n + gain; productivity
 gain, n; v + gain; achieve, demonstrate, make
 general, adj; general + n; agreement, approach, attitude, awareness, category, characteristic, conclusion, consensus, consideration, decline, description, direction, discussion, education, feature, framework, guideline, hospital, idea, impression, intelligence, interest, knowledge, lack, level, manager, notion, observation, outline, overview, pattern, phenomenon, population, practise, practitioner, principle, procedure, public, purpose, question, requirement, rule, scheme, sense, skill, solution, statement, strategy, tendency, term, theory, trend, understanding
 generally, adv; generally + adj; applicable, available, consistent, lack, larger, low, lower, negative, positive, similar
 generally, adv; generally + v; accept, acknowledge, agree, appreciate, associate, assume, avoid, believe, consider, define, expect, hold, improve, involve, know, perceive, recognise, refer, regard, require, speak, suppose, take, tend, think, treat, understand
 generate, v; adv + generate; randomly
 generate, v; generate + n; amount, discussion, hypothesis, idea, information, interest, output, response, set
 generate, v; generate + prep; by
 generic, adj; generic + n; term
 geographic, adj; geographic + n; distribution, region
 given, adj; given + n; amount, area, case, domain, level, moment, number, period, point, sequence, set, situation, structure, system, task, time, value
 global, adj; global + n; context, economy, force, level, market, model, network, perspective, problem, scale, system, trend, warming

goal, n; adj + goal; appropriate, common, desired, explicit, important, main, major, national, overall, personal, primary, secondary, specific, ultimate

goal, n; goal + n; setting

goal, n; v + goal; accomplish, achieve, define, meet, reach, set

govern, v; govern + prep; by

governmental, adj; governmental + n; body

gradual, adj; gradual + n; decline, improvement, increase, process, transition

graphically, adv; graphically + v; present

greatly, adv; greatly + v; add, affect, benefit, change, contribute, depend, differ, enhance, exaggerate, exceed, expand, extend, facilitate, help, improve, increase, influence, reduce, simplify, vary

group, n; adj + group; active, certain, control, cooperative, defined, different, disadvantaged, diverse, dominant, ethnic, experimental, former, heterogeneous, homogeneous, homogenous, larger, largest, latter, lower, occupational, oldest, particular, professional, racial, remaining, respective, small, smaller, social, special, specific, various, wider, working, younger

group, n; group + n; difference, discussion, interaction, interview, means, meeting, member, membership, session, size

group, n; group + v; comprise, consist, differ, exhibit, find, receive

group, n; n + group; age, comparison, control, cooperative, focus, income, interest, minority, peer, pressure, target, treatment, user, working

group, n; v + group; comprise, join

growth, n; adj + growth; continuous, economic, faster, personal, rapid, recent, slow, slower

growth, n; growth + n; rate

growth, n; growth + v; occur

growth, n; n + growth; population

growth, n; v + growth; encourage, explain, promote, stimulate

guide, v; guide + n; decision, practise, process, research, selection

guideline, n; adj + guideline; clear, following, general, new, specific

guideline, n; v + guideline; follow, provide

guiding, adj; guiding + n; principle

harmful, adj; adv + harmful; potentially

harmful, adj; harmful + n; consequence, effect

helpful, adj; adv + helpful; especially, particularly

hemisphere, n; adj + hemisphere; left, northern, right, southern

henceforth, adv; henceforth + v; refer

heterogeneous, adj; heterogeneous + n; group

hierarchical, adj; hierarchical + n; analysis, model, organisation, structure, system

hierarchy, n; adj + hierarchy; social

highlight, v; highlight + n; area, aspect, benefit, challenge, difference, difficulty, fact, factor, feature, importance, issue, lack, nature, need, possibility, potential, problem, role, trend

highly, adv; highly + adj; accurate, competitive, complex, dependent, desirable, effective, important, influential, likely, probable, productive, relevant, selective, sensitive, significant, skilled, sophisticated, specific, structure, subjective, successful, supportive, technical, unlikely, unstable, variable, visible

highly, adv; highly + v; constrain, correlate, educate, localise, motivate, recommend, regard, relate, skilled, structure, value, vary

hinder, v; hinder + n; development

historical, adj; historical + n; account, analysis, background, change, context, data, development, event, evidence, information, method, period, perspective, record, study, trend

history, n; adj + history; brief, detailed, early, human, known, long, longer, medical, past, personal, previous, recent, social

history, n; n + history; family, life, social

holistic, adj; holistic + n; approach, view

homogeneous, adj; adv + homogeneous; relatively

homogeneous, adj; homogeneous + n; group

homogenous, adj; homogenous + n; group

horizontal, adj; horizontal + n; axis, line

household, n; household + n; survey

human, adj; human + n; ability, action, activity, agency, behaviour, being, body, brain, capital, cognition, communication, consumption, culture, development, error, evolution, experience, eye, face, geography, health, history, intelligence, interaction, intervention, knowledge, life, memory, mind, nature, population, race, resource, right, society, species, subject, trait

hybrid, adj; hybrid + n; model

hypothesis, n; adj + hypothesis; alternative, following, null, specific, testable, working

hypothesis, n; hypothesis + n; testing

hypothesis, n; hypothesis + v; state, suggest

hypothesis, n; v + hypothesis; confirm, develop, evaluate, examine, generate, reject, support, test

hypothetical, adj; hypothetical + n; scenario, situation

ideal, adj; ideal + n; condition, model, opportunity, situation, solution

ideally, adv; ideally + v; suit

identical, adj; adv + identical; virtually

identical, adj; identical + n; condition, pattern

identical, adj; identical + prep; to

identifiable, adj; adv + identifiable; clearly, easily, readily

identification, n; adj + identification; correct

identification, n; identification + prep; of

identification, n; v + identification; allow, involve

identify, v; adv + identify; accurately, clearly, correctly, easily, finally, frequently, initially, readily, specifically

identify, v; identify + n; area, characteristic, component, difference, element, factor, feature, issue, item, location, mechanism, need, number, pattern, preference, problem, relationship, source, species, strategy, theme, trend, type, variable, weakness

illustrate, v; adv + illustrate; clearly, well

illustrate, v; illustrate + n; concept, difference, difficulty, effect, importance, lack, nature, point, principle, problem

illustrate, v; illustrate + prep; by

image, n; adj + image; positive, public, visual
 image, n; n + image; mirror
 image, n; v + image; contain, create, enhance, produce, promote
 impact, n; adj + impact; adverse, considerable, direct, dramatic, economic, enormous, environmental, greater, greatest, immediate, limited, little, major, minimal, negative, overall, positive, possible, potential, profound, psychological, real, significant, strong, substantial
 impact, n; impact + prep; on
 impact, n; impact + v; depend
 impact, n; v + impact; address, assess, consider, demonstrate, determine, discuss, evaluate, examine, explore, have, investigate, make, minimise, reduce, reflect, understand
 impede, v; impede + n; development
 impetus, n; v + impetus; give, provide
 implementation, n; adj + implementation; actual, successful
 implementation, n; implementation + prep; of
 implicate, v; implicate + prep; in
 implication, n; adj + implication; clear, direct, ethical, financial, full, important, major, obvious, possible, potential, practical, profound, serious, significant, social, theoretical
 implication, n; implication + prep; for
 implication, n; n + implication; policy, resource
 implication, n; v + implication; carry, consider, discuss, examine, explore, have, understand
 implicit, adj; implicit + n; assumption
 implicitly, adv; implicitly + v; assume
 imply, v; adv + imply; necessarily
 imply, v; imply + n; existence, lack, relationship
 importance, n; adj + importance; central, considerable, critical, crucial, economic, equal, fundamental, great, greater, greatest, increasing, little, major, paramount, particular, perceived, potential, practical, primary, prime, relative, secondary, special, utmost, vital
 importance, n; importance + prep; of
 importance, n; importance + v; lie
 importance, n; v + importance; appreciate, assess, assume, confirm, demonstrate, discuss, emphasise, highlight, illustrate, indicate, note, place, recognise, reflect, reinforce, show, stress, underline, underscore, understand
 important, adj; adv + important; clearly, critically, economically, equally, especially, extremely, finally, fundamentally, highly, increasingly, obviously, particularly, potentially, really, vitally
 important, adj; important + n; advance, advantage, area, aspect, assumption, bearing, caveat, characteristic, clue, component, concept, consequence, consideration, constraint, contribution, contributor, criterion, decision, determinant, difference, dimension, distinction, element, exception, factor, feature, finding, function, gap, goal, implication, indicator, influence, insight, issue, lesson, limitation, means, mechanism, parameter, part, phenomenon, piece, point, predictor, question, reason, role, skill, source, step, thing, tool, topic, variable
 important, adj; v + important; become, deem
 improve, v; adv + improve; actually, considerably, dramatically, generally, greatly, significantly

improve, v; improve + n; ability, access, accuracy, chance, condition, effectiveness, efficiency, environment, fit, health, knowledge, management, performance, position, practise, productivity, quality, relation, relationship, situation, skill, standard, status, understanding
 improved, adj; improved + n; ability, access, communication, performance
 improvement, n; adj + improvement; dramatic, gradual, greater, overall, significant, slight, small, substantial, vast
 improvement, n; improvement + n; programme
 improvement, n; improvement + prep; in
 improvement, n; n + improvement; performance
 improvement, n; v + improvement; achieve, indicate, make, produce, promote, report, represent, show
 in-depth, adj; in-depth + n; analysis, discussion, interview, study
 inadequate, adj; inadequate + n; response
 incentive, n; adj + incentive; economic, financial, little, strong
 incentive, n; v + incentive; give, have, provide
 inclination, n; v + inclination; have
 include, v; adv + include; additionally, explicitly, finally, specifically, typically
 include, v; include + n; aspect, behaviour, consideration, data, description, detail, discussion, element, examination, following, information, item, letter, monitoring, reference, statement, variety
 inclusion, n; adj + inclusion; social
 inclusion, n; inclusion + prep; of
 incomplete, adj; incomplete + n; data, information, picture
 inconsistent, adj; inconsistent + prep; with
 incorporate, v; incorporate + n; approach, component, element, factor, feature, idea, information, knowledge, measure, strategy
 incorporate, v; incorporate + prep; into
 incorporation, n; incorporation + prep; of
 increase, n; adj + increase; concomitant, considerable, corresponding, dramatic, enormous, greater, huge, marked, massive, rapid, slight, steady, sudden, vast
 increase, n; n + increase; percent, percentage
 increase, n; v + increase; cause
 increase, v; adv + increase; actually, consequently, considerably, dramatically, exponentially, gradually, greatly, linearly, markedly, rapidly, sharply, significantly, slightly, steadily, substantially
 increase, v; increase + n; accuracy, amount, capacity, chance, confidence, cost, effectiveness, efficiency, flexibility, likelihood, number, participation, precision, pressure, probability, productivity, rate, reliability, revenue, risk, sale, understanding, validity, vulnerability, yield
 increased, adj; increased + n; access, anxiety, attention, availability, awareness, capacity, competition, complexity, consumption, demand, difficulty, effort, focus, interest, knowledge, length, level, likelihood, number, power, pressure, production, productivity, rate, risk, time, understanding, use
 increasing, adj; increasing + n; amount, attention, availability, awareness, complexity, concern, degree, demand, difficulty, efficiency, emphasis, frequency, importance, interest, level, number, pressure, problem, production, proportion, role, use

increasingly, adv; increasingly + adj; clear, common, complex, difficult, diverse, evident, important, likely, popular, sophisticated
increasingly, adv; increasingly + v; come, concern, focus, involve, recognise, see, take, turn, use
independence, n; adj + independence; local
independent, adj; adv + independent; completely, entirely, largely
independent, adj; independent + n; contribution, effect, entity, evidence, producer, sample, test, unit, variable
independently, adv; independently + v; act, conduct, function
index, n; index + n; finger
indicate, v; adv + indicate; clearly, finally, necessarily, similarly
indicate, v; indicate + n; absence, attitude, connexion, correlation, decrease, degree, difference, direction, effect, existence, extent, importance, improvement, lack, level, orientation, possibility, preference, presence, relationship, shift, significance, trend, willingness
indicate, v; indicate + prep; by
indicative, adj; indicative + prep; of
indicator, n; adj + indicator; good, important, key, reliable
indicator, n; indicator + prep; of
indicator, n; n + indicator; performance
indirect, adj; indirect + n; effect, evidence, method, way
indirectly, adv; indirectly + v; affect, relate
individual, adj; individual + n; agent, basis, behaviour, characteristic, component, contribution, data, difference, item, level, member, organism, practitioner, session, unit, variability, variable, variation
individual, n; adj + individual; certain, single
individual, n; individual + v; choose, engage, exhibit, find, perceive, seek, suffer, tend
individual, n; v + individual; protect
individually, adv; individually + v; consider, test
induce, v; induce + prep; by
industrial, adj; industrial + n; activity, area, process, product, production, sector
industrialised, adj; industrialised + n; country, nation, society
ineffective, adj; adv + ineffective; largely
inequality, n; adj + inequality; social
inevitably, adv; inevitably + v; lead, result
inextricably, adv; inextricably + v; link
inference, n; adj + inference; causal, valid
inference, n; v + inference; draw, make
inferior, adj; inferior + n; position
infinite, adj; infinite + n; number
influence, n; adj + influence; considerable, decisive, direct, external, greater, important, little, negative, positive, potential, profound, significant, strong, substantial, undue
influence, n; influence + prep; on
influence, n; n + influence; peer
influence, n; v + influence; assess, examine, exert, explore, reflect

influence, v; adv + influence; clearly, directly, greatly, positively, possibly, profoundly, significantly, strongly

influence, v; influence + n; attitude, behaviour, choice, decision, direction, outcome, perception, performance, policy, preference, quality, regulation, selection, success

influence, v; influence + prep; by

influential, adj; adv + influential; highly

influential, adj; influential + n; factor

inform, v; adv + inform; fully, well

inform, v; inform + n; design, development, policy, practise, research, understanding

informal, adj; informal + n; practise

information, n; adj + information; accurate, additional, available, basic, demographic, descriptive, detailed, enough, essential, existing, extensive, extra, factual, following, full, historical, inaccurate, incoming, incomplete, incorrect, irrelevant, limited, little, necessary, new, partial, personal, pertinent, precise, private, published, qualitative, quantitative, recorded, relevant, reliable, scientific, sensitive, sensory, spatial, specific, statistical, sufficient, temporal, useful, valuable, visual, vital, written

information, n; information + n; content, exchange, flow, processing, retrieval, sharing, sheet, source, specialist, system, technology

information, n; information + prep; about, on

information, n; information + v; convey, enable

information, n; n + information; background

information, n; v + information; access, acquire, collect, communicate, contain, convey, deliver, disclose, disseminate, elicit, encode, exchange, exploit, extract, find, gain, gather, generate, get, give, handle, include, incorporate, integrate, miss, obtain, offer, provide, receive, retain, retrieve, reveal, seek, share, specify, store, transmit, yield

informed, adj; informed + n; choice, consent, decision

infrastructure, n; v + infrastructure; build

infrequent, adj; adv + infrequent; relatively

infrequently, adv; infrequently + v; occur, use

inherent, adj; inherent + n; bias, characteristic, difficulty, limitation, problem, risk, value

inherent, adj; inherent + prep; in

initial, adj; initial + n; aim, analysis, assessment, condition, contact, finding, interview, investigation, letter, level, model, observation, period, phase, plan, point, reaction, response, sample, score, search, set, stage, step

initially, adv; initially + v; appear, develop, establish, identify, present, propose, receive, take, think

initiate, v; initiate + n; change, process, programme

initiative, n; adj + initiative; current, educational, local, major, private

initiative, n; n + initiative; policy

initiative, n; v + initiative; support, take

innovation, n; adj + innovation; technological

innovative, adj; innovative + n; approach, method, way

input, n; adj + input; additional, direct

input, n; input + n; data

input, n; n + input; labour
input, n; v + input; provide, require
inquiry, n; adj + inquiry; scientific
insight, n; adj + insight; additional, deeper, greater, important, interesting, new, unique, useful, valuable
insight, n; insight + prep; into
insight, n; insight + v; gain, help
insight, n; v + insight; add, gain, give, obtain, offer, provide, reveal, yield
insignificant, adj; adv + insignificant; relatively
instance, n; adj + instance; certain, numerous, particular, rare, single, specific
institute, n; n + institute; national, research
instrument, n; adj + instrument; available, existing
instrument, n; n + instrument; assessment, screening, survey
instrument, n; v + instrument; use
insufficient, adj; insufficient + n; evidence, power, time
integral, adj; integral + n; component, element, part, role
integrate, v; integrate + n; information, knowledge, technology
integrated, adj; integrated + n; approach, system
integration, n; adj + integration; social, successful
integration, n; v + integration; achieve, require
integrity, n; v + integrity; maintain, preserve, protect
intellectual, adj; intellectual + n; development, disability, impairment, property
intended, adj; intended + n; audience, outcome
intensity, n; adj + intensity; greater
intensive, adj; intensive + n; programme, study, unit
interact, v; interact + prep; with
interaction, n; adj + interaction; complex, direct, dynamic, human, significant, social
interaction, n; interaction + n; effect, variable
interaction, n; interaction + prep; between, with
interaction, n; interaction + v; occur
interaction, n; v + interaction; examine, investigate
interactive, adj; interactive + n; effect, technology
interest, n; adj + interest; commercial, common, considerable, current, economic, general, genuine, great, greater, greatest, growing, increased, increasing, keen, little, mutual, national, particular, personal, practical, primary, public, renewed, special, strong, vested
interest, n; interest + n; group, rate
interest, n; interest + v; lie
interest, n; n + interest; business
interest, n; v + interest; attract, express, generate, lose, maintain, promote, reflect, represent, serve, share, stimulate
interestingly, adv; interestingly + v; suggest
intermediate, adj; intermediate + n; level, position

internal, adj; internal + n; communication, consistency, force, mechanism, organisation, process, reliability, representation, source, structure, validity
internally, adv; internally + adj; consistent
international, adj; international + n; agreement, community, comparison, competition, conference, cooperation, effort, exchange, journal, law, level, market, organisation, society, standard, student, system, trade
interplay, n; adj + interplay; complex, dynamic
interpret, v; adv + interpret; cautiously, correctly, differently, easily, similarly, usually
interpret, v; interpret + n; data, event, finding, pattern
interpret, v; interpret + prep; as
interpretation, n; adj + interpretation; alternative, correct, different, legal, possible
interpretation, n; interpretation + prep; of
interpretation, n; interpretation + v; depend, vary
interpretation, n; v + interpretation; affect, allow, facilitate, require, support
intervening, adj; intervening + n; period
intimately, adv; intimately + v; associate, connect, relate
introduction, n; adj + introduction; brief
introduction, n; introduction + prep; of
introduction, n; introduction + v; lead
introduction, n; v + introduction; provide
inventory, n; n + inventory; personality
inverse, adj; inverse + n; proportion, relationship
inversely, adv; inversely + v; relate
invoke, v; invoke + n; principle
involve, v; adv + involve; actively, closely, directly, frequently, generally, heavily, increasingly, mainly, necessarily, normally, probably, typically, usually
involve, v; involve + n; commitment, comparison, creation, degree, element, identification, interaction, kind, loss, series, step, transfer
involve, v; involve + prep; in
isolate, v; isolate + n; effect
isolate, v; isolate + prep; from
isolated, adj; isolated + n; area, case
isolation, n; adj + isolation; social
iterative, adj; iterative + n; process
joint, adj; joint + n; committee, company, effort, venture
journal, n; adj + journal; international
journal, n; journal + n; article
judgement, n; v + judgement; make
judgment, n; v + judgment; make
judicious, adj; judicious + n; use
justification, n; justification + prep; for
justification, n; v + justification; provide

justify, v; justify + n; decision
 knowledge, n; adj + knowledge; acquired, actual, basic, cultural, current, detailed, existing, explicit, extensive, general, human, increased, limited, little, local, new, previous, prior, professional, relevant, scientific, shared, sound, sufficient, tacit, technical, theoretical, thorough
 knowledge, n; knowledge + n; acquisition, base, basis, gap
 knowledge, n; knowledge + prep; about
 knowledge, n; knowledge + v; gain, help
 knowledge, n; n + knowledge; background, expert, specialist
 knowledge, n; v + knowledge; acquire, apply, build, enhance, extend, gain, improve, incorporate, integrate, represent, require, share
 known, adj; known + n; history
 labelled, adj; adv + labelled; clearly
 labour, n; labour + n; cost, force, input, law, market
 lack, n; adj + lack; apparent, complete, general, relative
 lack, n; lack + prep; of
 lack, n; lack + v; affect, cause, contribute, imply, indicate, lead, mean, reflect, suggest
 lack, n; v + lack; demonstrate, explain, highlight, illustrate, imply, indicate, reflect, reveal
 lack, v; adv + lack; generally
 lack, v; lack + n; ability, skill
 lag, n; n + lag; time
 language, n; adj + language; different, english, formal, native, natural, programming
 language, n; language + n; barrier, processing, skill
 language, n; n + language; programming
 language, n; v + language; speak
 large-scale, adj; large-scale + n; project, study
 largely, adv; largely + adj; dependent, due, independent, ineffective, responsible, unaffected, unexplored, unsuccessful
 largely, adv; largely + v; attribute, base, confine, consist, depend, derive, determine, drive, exclude, explain, focus, ignore, limit, restrict
 latent, adj; latent + n; model, variable
 learned, adj; adv + learned; quickly
 leisure, n; leisure + n; activity, time
 lesser, adj; lesser + n; degree, extent
 level, n; adj + level; absolute, acceptable, actual, adequate, appropriate, average, basic, certain, comparable, conceptual, conventional, current, deeper, different, differing, distinct, educational, expected, fundamental, general, given, global, greater, high, higher, highest, increased, increasing, individual, initial, intermediate, international, local, lower, lowest, macro, minimal, minimum, moderate, modest, multiple, national, next, normal, operational, optimal, overall, primary, reduced, regional, required, rising, secondary, similar, simplest, strategic, unprecedented, upper, various, varying
 level, n; level + n; data
 level, n; level + prep; of
 level, n; level + v; rise, vary

level, n; n + level; activity, alpha, comfort, confidence, education, grade, ground, macro, noise, sea, skill, threshold

level, n; v + level; achieve, determine, display, exceed, exhibit, indicate, maintain, raise, reach, reduce, reflect

likelihood, n; adj + likelihood; greater, increased

likelihood, n; likelihood + prep; of

likelihood, n; likelihood + v; increase

likelihood, n; v + likelihood; decrease, increase, reduce

likely, adj; adv + likely; conversely, equally, especially, highly, increasingly, particularly, quite, similarly

likely, adj; likely + n; candidate, consequence, explanation

likewise, adv; likewise + v; show

limit, v; adv + limit; currently, extremely, fairly, largely, mainly, necessarily, obviously, quite, relatively, severely, usually

limit, v; limit + n; ability, access, amount, extent, possibility, power, usefulness

limitation, n; adj + limitation; additional, certain, important, inherent, main, major, methodological, obvious, possible, potential, serious, severe

limitation, n; limitation + v; concern

limitation, n; v + limitation; acknowledge, address, have, impose, recognise, reveal

limited, adj; limited + n; ability, access, amount, application, area, attention, availability, capacity, data, degree, duration, evidence, experience, extent, impact, information, knowledge, number, period, power, range, research, role, set, success, time, understanding, value

limiting, adj; limiting + n; case, factor

linear, adj; linear + n; analysis, combination, equation, fashion, model, relationship, sequence, trend

link, n; adj + link; causal, clear, direct, possible, strong

link, n; link + prep; between

link, n; v + link; establish, explore, find, provide, suggest

link, v; adv + link; closely, directly, inextricably, strongly, tightly

literature, n; adj + literature; academic, available, current, existing, extensive, growing, large, previous, published, relevant, scientific, theoretical

literature, n; literature + n; review

literature, n; literature + prep; on

literature, n; literature + v; focus, suggest

literature, n; n + literature; research

locally, adv; locally + v; produce

locate, v; adv + locate; centrally

locate, v; locate + prep; in

logical, adj; logical + n; consistency, order, sequence, step, structure, way

long-standing, adj; long-standing + n; problem

long-term, adj; long-term + n; benefit, change, commitment, damage, development, effect, goal, impact, objective, perspective, problem, strategy, success, sustainability, trend

low, adj; adv + low; comparatively, consistently, extremely, fairly, quite, relatively

low, adj; low + n; correlation, cost, density, income, level, percentage, pressure, price, priority, productivity, profile, rate, risk, score, status, threshold, value, wage, weight
 mainly, adv; mainly + adj; due
 mainly, adv; mainly + v; apply, base, cause, compose, concentrate, concern, consist, deal, depend, derive, involve, limit, occur, relate, rely, use
 maintain, v; maintain + n; balance, contact, control, focus, integrity, interest, level, order, position, record, relationship, security, stability, status, structure, tie
 maintenance, n; maintenance + n; cost
 maintenance, n; maintenance + prep; of
 male, adj; adv + male; predominantly
 male, adj; male + n; adult, behaviour, counterpart, gender, member, participant, partner, patient, respondent, subject, worker
 male, n; adj + male; adult, white, young
 male, n; male + v; differ, tend
 management, n; adj + management; effective, efficient, financial, human, poor, senior, successful
 management, n; management + n; consultant, practise, strategy, structure, system, technique
 management, n; n + management; demand, resource, risk
 management, n; v + management; improve
 manifestation, n; manifestation + prep; of
 manifestation, n; manifestation + v; include
 manipulate, v; adv + manipulate; easily
 manipulation, n; adj + manipulation; experimental
 manipulation, n; v + manipulation; require
 manner, n; adj + manner; analogous, appropriate, consistent, different, effective, efficient, following, similar, simple, straightforward, systematic
 manufacturing, n; manufacturing + n; industry, process, sector
 marginal, adj; marginal + n; effect
 marginally, adv; marginally + adj; higher, significant
 marital, adj; marital + n; status
 marked, adj; marked + n; change, contrast, difference, effect, increase
 markedly, adv; markedly + adj; different
 markedly, adv; markedly + v; increase
 material, n; adj + material; additional, appropriate, available, educational, electronic, instructional, new, original, primary, printed, published, raw, relevant, sufficient, suitable, supplementary, verbal, written
 material, n; material + v; consist
 material, n; n + material; learning, raw, reference, source, supplementary
 material, n; v + material; collect, contain, prepare, produce, provide, read
 matrix, n; adj + matrix; covariance
 matrix, n; n + matrix; correlation, covariance
 maximise, v; maximise + n; benefit, potential, profit, return
 maximum, adj; maximum + n; amount, benefit, degree, extent, length, number, score, size
 mean, n; mean + n; age, rating, score

meaning, n; adj + meaning; different, exact, literal, precise
 meaning, n; v + meaning; clarify, convey, give, have, interpret, understand
 measure, n; adj + measure; accurate, additional, adequate, alternative, appropriate, behavioural, composite, dependent, existing, following, multiple, objective, preventative, preventive, quantitative, reliable, repeated, standardised, subjective, traditional, useful, valid, various
 measure, n; measure + v; correlate
 measure, n; n + measure; objective, outcome, performance, preventive
 measure, n; v + measure; complete, employ, incorporate, provide
 measure, v; adv + measure; directly, easily
 measure, v; measure + n; ability, construct, degree, dimension, strength
 mechanism, n; adj + mechanism; actual, different, direct, effective, important, internal, possible, primary, regulatory, underlying
 mechanism, n; mechanism + prep; for
 mechanism, n; mechanism + v; account, allow, explain, underlie
 mechanism, n; n + mechanism; control, defence
 mechanism, n; v + mechanism; describe, identify, introduce, provide
 mediate, v; mediate + prep; by
 mediating, adj; mediating + n; factor
 membership, n; n + membership; class, group
 mental, adj; mental + n; activity, care, disorder, functioning, health, illness, model, problem, retardation, state
 merit, v; merit + n; consideration
 method, n; adj + method; alternative, analytical, appropriate, available, basic, common, comparative, conventional, current, different, direct, effective, efficient, empirical, ethnographic, existing, experimental, historical, indirect, innovative, main, modern, new, popular, preferred, principal, qualitative, quantitative, reliable, rigorous, scientific, simple, sophisticated, standard, statistical, systematic, traditional, useful, valid, various
 method, n; method + v; allow, fail, involve, require
 method, n; n + method; assessment, collection, data, learning, measurement, research, sampling, selection, teaching, testing
 method, n; v + method; adopt, apply, choose, combine, develop, devise, employ, implement, propose, use
 methodological, adj; methodological + n; approach, concern, consideration, issue, limitation, problem, reason
 minimal, adj; minimal + n; amount, impact, requirement, risk
 minimise, v; minimise + n; chance, cost, difference, effect, impact, possibility, problem, risk
 minimum, n; adj + minimum; absolute
 minority, n; adj + minority; ethnic, racial, significant, small
 minority, n; minority + n; group, population, status
 minority, n; v + minority; represent
 mitigate, v; mitigate + n; effect
 mode, n; adj + mode; different, dominant, new, normal, particular, various

mode, n; mode + prep; of
 model, n; adj + model; accurate, additive, alternative, appropriate, basic, classical, cognitive, comprehensive, conceptual, conventional, current, detailed, developmental, dominant, dual, ecological, existing, final, fitting, full, global, hierarchical, hybrid, initial, linear, logistic, mathematical, mental, mixed, modified, multiple, nested, original, parsimonious, perfect, predictive, proposed, realistic, simple, single, standard, static, structural, suitable, theoretical, traditional, underlying, various, working
 model, n; model + n; fit
 model, n; model + v; account, allow, assume, capture, explain, fail, fit, include, incorporate, predict, propose, rely
 model, n; n + model; diffusion, ecological, hybrid, regression
 model, n; v + model; build, construct, develop, employ, extend, propose
 modelling, n; modelling + n; technique
 modelling, n; v + modelling; use
 moderately, adv; moderately + adj; correlate
 moderately, adv; moderately + adj; high
 modern, adj; modern + n; approach, era, medicine, method, period, practise, science, society, standard, system, technology, theory, time, world
 modified, adj; modified + n; form, model, version
 modify, v; adv + modify; slightly
 monetary, adj; monetary + n; compensation, reward, term, value
 monitor, v; adv + monitor; closely
 monitor, v; monitor + n; performance, progress
 monitoring, n; adj + monitoring; continuous
 monitoring, n; v + monitoring; include, require
 monopoly, n; v + monopoly; have
 motivate, v; adv + motivate; highly
 motor, n; motor + n; car, control
 movement, n; adj + movement; free, upward
 movement, n; movement + v; cause, continue, occur
 movement, n; n + movement; eye
 movement, n; v + movement; restrict
 multinational, adj; multinational + n; company, corporation
 multiple, adj; multiple + n; choice, comparison, dimension, domain, exposure, factor, function, level, measure, perspective, point, regression, source
 mutual, adj; mutual + n; benefit, interest, respect
 mutually, adv; mutually + adj; beneficial, exclusive
 mutually, adv; mutually + v; reinforce
 natural, adj; natural + n; beauty, behaviour, characteristic, condition, disaster, environment, event, extension, gas, language, light, order, phenomenon, process, product, resource, science, selection, setting, system, tendency, way, world
 nature, n; adj + nature; changing, complex, dynamic, essential, exact, human, precise, specific, subjective, unique

nature, n; nature + prep; of
nature, n; nature + v; mean, vary
nature, n; v + nature; alter, analyse, appreciate, confirm, demonstrate, determine, discuss, establish, examine, explain, explore, highlight, illustrate, reflect, specify, understand
necessary, adj; adv + necessary; absolutely, clearly, really
necessary, adj; necessary + n; component, condition, data, element, information, prerequisite, requirement, skill, step
necessary, adj; necessary + prep; for
necessary, adj; v + necessary; deem
need, n; adj + need; basic, greater, greatest, perceived, pressing, real, special, specific, urgent
need, n; need + prep; for
need, n; need + v; arise
need, n; v + need; address, assess, avoid, eliminate, feel, fulfil, highlight, identify, meet, obviate, recognise, reflect, reinforce, satisfy, serve, stress, suit
negative, adj; adv + negative; generally
negative, adj; negative + n; aspect, association, attitude, coefficient, connotation, consequence, effect, emotion, experience, feedback, feeling, finding, impact, influence, outcome, perception, reaction, relationship, response, result, side, statement, trend, value, view
negatively, adv; negatively + v; affect, associate, correlate, impact, relate
negligible, adj; negligible + n; effect
nested, adj; nested + n; model
net, adj; net + n; gain, result
neural, adj; neural + n; activity, network
neutral, adj; neutral + n; word
nonetheless, adv; nonetheless + adj; useful
nonetheless, adv; nonetheless + v; provide, remain
norm, n; adj + norm; different, social
notable, adj; notable + n; absence, difference, example, exception, feature
note, v; adv + note; earlier, finally, previously
note, v; note + n; importance, similarity
noteworthy, adj; adv + noteworthy; particularly
noticeable, adj; adv + noticeable; particularly
noticeable, adj; noticeable + n; change
notion, n; adj + notion; basic, general
notion, n; notion + prep; of
notion, n; v + notion; introduce, reinforce, support
novel, adj; novel + n; approach, idea
null, adj; null + n; hypothesis
numerical, adj; numerical + n; data, value
numerous, adj; numerous + n; attempt, case, example, factor, instance, occasion, problem, way
objective, adj; objective + n; assessment, criterion, data, evidence, measure
objective, n; adj + objective; common, key, main, major, primary, specific

objective, n; n + objective; learning
objective, n; objective + n; measure
objective, n; v + objective; achieve, address, define, meet
obligation, n; adj + obligation; legal
obligation, n; v + obligation; meet
observation, n; adj + observation; careful, close, detailed, direct, empirical, following, general, initial, interesting, personal, preliminary, similar
observation, n; n + observation; participant
observation, n; observation + v; lead, reveal, show, suggest
observation, n; v + observation; explain, make
observe, v; adv + observe; additionally, directly, finally, typically
observe, v; observe + n; behaviour, difference, effect
observe, v; observe + prep; in
obstacle, n; adj + obstacle; major
obstacle, n; v + obstacle; overcome
obtain, v; adv + obtain; easily
obtain, v; obtain + n; access, approval, consent, data, estimate, evidence, information, insight, permission, result, score
obtain, v; obtain + prep; by, from
obviate, v; obviate + n; need
occur, v; adv + occur; actually, earlier, frequently, immediately, infrequently, later, mainly, naturally, primarily, probably, quickly, rapidly, rarely, similarly, simultaneously, typically
occur, v; occur + prep; at, in
occurrence, n; adj + occurrence; common, rare
occurrence, n; occurrence + prep; of
occurrence, n; v + occurrence; explain, predict
offspring, n; v + offspring; produce
one-way, adj; one-way + n; analysis
ongoing, adj; ongoing + n; activity, debate, development, discussion, process, project, relationship, support, work
operational, adj; operational + n; level
optimal, adj; optimal + n; choice, combination, condition, level
organisation, n; adj + organisation; commercial, complex, hierarchical, internal, international, large, larger, local, professional, separate, social, traditional, voluntary
organisation, n; n + organisation; business, community, complex, health, research, trade
organisation, n; organisation + v; begin, need, operate
organise, v; adv + organise; highly, well
origin, n; adj + origin; common, different, recent
origin, n; origin + v; lie
originate, v; originate + prep; from
outcome, n; adj + outcome; actual, behavioural, desired, different, expected, favourable, final, immediate, intended, negative, particular, positive, possible, specific, successful, ultimate

outcome, n; n + outcome; health, learning
outcome, n; outcome + n; measure
outcome, n; outcome + v; depend
outcome, n; v + outcome; achieve, affect, assess, determine, influence, predict
outline, v; adv + outline; briefly
outline, v; outline + n; approach, principle, procedure
output, n; adj + output; total
output, n; v + output; generate, produce
outweigh, v; adv + outweigh; far
outweigh, v; outweigh + n; cost
overall, adj; overall + n; accuracy, aim, average, benefit, conclusion, correlation, cost, difference, distribution, effect, effectiveness, evaluation, finding, framework, frequency, goal, impact, impression, improvement, level, pattern, performance, picture, plan, population, process, quality, rate, scheme, score, strategy, structure, value, volume
overall, adv; overall + v; indicate
overlap, n; adj + overlap; considerable
overt, adj; overt + n; response
overview, n; adj + overview; brief, comprehensive, general, useful
overview, n; overview + prep; of
overview, n; v + overview; give, present, provide
ownership, n; n + ownership; car
paradigm, n; adj + paradigm; different, new
paradigm, n; paradigm + n; shift
paragraph, n; adj + paragraph; following, next, previous
parallel, adj; adv + parallel; closely
parallel, adj; parallel + n; development, line
parallel, n; v + parallel; draw
parallel, v; adv + parallel; closely
parameter, n; adj + parameter; different, important
parameter, n; parameter + n; estimate, value
parameter, n; v + parameter; define
paramount, adj; paramount + n; importance
parsimonious, adj; parsimonious + n; model
partial, adj; partial + n; solution
partially, adv; partially + v; account, explain, overlap, support
participate, v; adv + participate; actively
participate, v; participate + prep; in
participation, n; adj + participation; active, public
participation, n; participation + n; rate
participation, n; participation + prep; in
participation, n; v + participation; encourage, increase, require

particular, adj; particular + n; advantage, application, area, aspect, attention, behaviour, case, challenge, characteristic, circumstance, combination, community, concern, configuration, context, difficulty, direction, element, emphasis, environment, event, feature, field, focus, form, group, importance, instance, interest, issue, item, job, kind, location, mode, orientation, outcome, pattern, person, phenomenon, position, problem, purpose, reference, region, relevance, set, significance, situation, skill, species, style, task, topic, type, way

particularly, adv; particularly + adj; active, acute, apparent, applicable, appropriate, attractive, beneficial, common, concern, critical, difficult, effective, evident, hard, helpful, important, likely, noteworthy, noticeable, pertinent, problematic, prominent, relevant, salient, sensitive, significant, striking, strong, suitable, susceptible, useful, valuable, vulnerable

particularly, adv; particularly + v; affect, apply, associate, concern, focus, mark, regard, relate, suit
pathway, n; adj + pathway; different

pattern, n; adj + pattern; basic, broad, certain, changing, characteristic, clear, common, complex, consistent, cultural, different, differential, distinct, distinctive, existing, general, identical, interesting, normal, observed, opposite, overall, particular, regular, similar, spatial, specific, typical, underlying, visual

pattern, n; n + pattern; behaviour, communication, complex, response

pattern, n; pattern + prep; of

pattern, n; pattern + v; appear, differ, emerge, exist, indicate, occur, reflect, suggest, vary

pattern, n; v + pattern; affect, alter, describe, detect, determine, display, establish, examine, exhibit, explain, explore, find, follow, identify, interpret, investigate, produce, reflect, reveal, show

paucity, n; adj + paucity; relative

perceive, v; adv + perceive; generally, widely

perceive, v; perceive + n; environment

perceive, v; perceive + prep; as

percentage, n; adj + percentage; average, greater, high, higher, highest, large, larger, largest, low, lower, mean, small, smaller, total

percentage, n; percentage + n; increase, term

percentage, n; percentage + prep; of

percentage, n; percentage + v; increase, range

perform, v; adv + perform; actually, adequately, correctly, effectively, poorly, successfully, well

perform, v; perform + n; act, action, activity, analysis, calculation, duty, function, job, operation, role, task, test

perform, v; perform + prep; by, on

performance, n; adj + performance; actual, cognitive, economic, good, higher, impaired, improved, lower, overall, poor, poorer, successful, superior

performance, n; n + performance; baseline, memory, task, test

performance, n; performance + n; assessment, criterion, data, improvement, indicator, measure, score

performance, n; performance + prep; on

performance, n; performance + v; improve, relate, vary

performance, n; v + performance; achieve, affect, assess, compare, enhance, evaluate, examine, impair, improve, influence, investigate, monitor, predict

period, n; adj + period; brief, certain, considerable, critical, earlier, early, entire, extended, given, historical, immediate, initial, intervening, late, later, lengthy, limited, long, longer, modern, preceding, previous, prolonged, short, shorter, specified, subsequent, substantial, sustained, transitional, varying
 period, n; n + period; month, sampling, study, time, training, transition, trial, week
 period, n; v + period; cover, span, spend
 permit, v; permit + n; analysis
 persistent, adj; persistent + n; problem
 perspective, n; adj + perspective; broader, cognitive, different, global, historical, multiple, new, practical, psychological, social, theoretical, unique, wider
 perspective, n; perspective + prep; on
 perspective, n; v + perspective; adopt, offer, provide, take
 persuasive, adj; persuasive + n; evidence
 pertain, v; pertain + prep; to
 pertinent, adj; adv + pertinent; particularly
 pertinent, adj; pertinent + n; information, question
 phase, n; adj + phase; different, distinct, earlier, early, initial, next, subsequent
 phase, n; phase + v; begin
 phase, n; v + phase; enter
 phenomenological, adj; phenomenological + n; approach
 phenomenon, n; adj + phenomenon; common, complex, different, general, important, natural, new, particular, physical, recent, similar, social
 phenomenon, n; phenomenon + v; occur
 phenomenon, n; v + phenomenon; describe, explain, understand
 pioneering, adj; pioneering + n; study, work
 planning, n; adj + planning; careful
 planning, n; n + planning; family, town
 planning, n; planning + n; application, authority, committee, department, permission, process, stage, strategy
 planning, n; v + planning; require
 plausible, adj; plausible + n; explanation
 policy, n; adj + policy; aggressive, corporate, current, economic, editorial, effective, federal, new, public, social, written
 policy, n; n + policy; government, land, public, security, trade
 policy, n; policy + n; area, debate, decision, development, document, implication, initiative, issue, maker, option, statement
 policy, n; policy + v; encourage
 policy, n; v + policy; adopt, develop, implement, inform, shape
 population, n; adj + population; adult, black, civilian, diverse, entire, general, growing, human, indigenous, large, larger, largest, local, male, normal, overall, resident, rural, small, total, urban, white
 population, n; n + population; minority, target
 population, n; population + n; change, decline, density, growth, size, trend
 population, n; population + v; consist, continue, decline, grow

population, n; v + population; represent, serve
 positive, adj; adv + positive; generally
 positive, adj; positive + n; answer, aspect, association, attitude, benefit, change, coefficient, consequence, contribution, correlation, direction, effect, emotion, experience, feedback, feeling, image, impact, influence, outcome, perception, reaction, relation, relationship, response, result, side, step, value
 positively, adv; positively + v; affect, associate, correlate, impact, influence, relate, respond, skew
 possess, v; possess + n; characteristic, degree, function, property, structure
 potential, adj; potential + n; advantage, application, benefit, bias, buyer, conflict, consequence, contribution, damage, difference, difficulty, disadvantage, effect, employee, explanation, factor, gain, impact, implication, importance, influence, limitation, loss, participant, partner, pitfall, problem, relevance, risk, role, solution, source, target, threat, user, variable, weakness
 potential, n; adj + potential; considerable, enormous, full, great, greater, greatest
 potential, n; potential + prep; for
 potential, n; potential + v; exist
 potential, n; v + potential; assess, exploit, explore, have, highlight, maximise, offer, reach, realise, recognise
 potentially, adv; potentially + adj; beneficial, dangerous, effective, harmful, important, problematic, relevant, serious, useful, valuable
 potentially, adv; potentially + v; cause, confound, explain
 practical, adj; practical + n; application, approach, aspect, consequence, consideration, difficulty, example, experience, help, implication, importance, interest, issue, perspective, point, problem, purpose, question, reason, sense, significance, situation, skill, solution, term, utility, value, way, work
 practise, n; adj + practise; accepted, actual, agricultural, alternative, clinical, common, contemporary, conventional, cultural, current, daily, established, everyday, existing, general, good, informal, local, medical, modern, normal, private, professional, regular, routine, standard, traditional, working
 practise, n; n + practise; business, care, farming, management
 practise, n; practise + n; session, trial
 practise, n; practise + v; vary
 practise, n; v + practise; adopt, improve, inform, reflect
 practitioner, n; adj + practitioner; general, individual, medical
 pragmatic, adj; pragmatic + n; approach
 precede, v; adv + precede; immediately
 precedence, n; v + precedence; take
 preceding, adj; preceding + n; chapter, period, section, year
 precise, adj; precise + n; analysis, definition, detail, form, information, meaning, nature, relationship
 precisely, adv; precisely + v; define
 precision, n; adj + precision; greater
 precision, n; v + precision; increase
 preclude, v; preclude + n; possibility, use
 predict, v; adv + predict; correctly, reliably, similarly
 predict, v; predict + n; behaviour, effect, occurrence, success
 predict, v; predict + prep; by

prediction, n; adj + prediction; accurate
prediction, n; v + prediction; confirm, make, support, test
predisposition, n; v + predisposition; have
predominantly, adv; predominantly + adj; male, white
preference, n; adj + preference; personal, strong
preference, n; preference + prep; for
preference, n; v + preference; identify, indicate, influence, reflect, show
preferred, adj; preferred + n; approach, method, option
preliminary, adj; preliminary + n; analysis, data, finding, observation, report, result, study, work
premise, n; adj + premise; basic
preoccupation, n; v + preoccupation; reflect
presence, n; adj + presence; continued, mere
presence, n; presence + prep; of
presence, n; presence + v; affect, indicate, lead
presence, n; v + presence; confirm, indicate, require, reveal
present, adj; adv + present; briefly, commonly, earlier, finally, frequently, graphically, initially, physically, previously, simultaneously, subsequently, usually
present, adj; present + n; article, case, data, day, finding, investigation, paper, purpose, situation, study
present, v; adv + present; briefly, commonly, earlier, finally, frequently, graphically, initially, physically, previously, simultaneously, subsequently, usually
present, v; present + n; argument, challenge, data, difficulty, dilemma, evidence, finding, framework, opportunity, overview, picture, problem, result, summary, threat
presentation, n; adj + presentation; detailed
presentation, n; n + presentation; stimulus
presentation, n; presentation + n; skill, software
presently, adv; presently + v; use
prevailing, adj; prevailing + n; condition
previous, adj; previous + n; analysis, attempt, chapter, data, day, decade, discussion, example, experience, experiment, finding, generation, history, knowledge, literature, month, paragraph, period, research, result, review, section, stage, study, version, work, year
previously, adv; previously + adj; available
previously, adv; previously + v; consider, describe, discuss, encounter, establish, identify, know, mention, note, present, publish, regard, report, show, state, suggest, think, use
primarily, adv; primarily + adj; due, responsible
primarily, adv; primarily + v; associate, base, concern, consist, depend, design, determine, develop, direct, drive, focus, occur, relate, rely, use
primary, adj; primary + n; aim, analysis, area, care, cause, concern, consideration, data, education, factor, focus, function, goal, importance, interest, level, material, means, measure, mechanism, motivation, objective, product, provider, purpose, reason, responsibility, role, school, source, target, tool, unit, variable
principal, adj; principal + n; aim, analysis, cause, component, factor, feature, investigator, method, problem, reason, source

principle, n; adj + principle; basic, ethical, fundamental, general, guiding, main, scientific, underlying

principle, n; n + principle; design, ethical

principle, n; principle + v; apply

principle, n; v + principle; apply, illustrate, introduce, invoke, outline

printed, adj; printed + n; form, material

prior, adj; prior + n; experience, finding, knowledge, research, study, work

probability, n; adj + probability; conditional, high, higher, low, lower

probability, n; probability + n; theory

probability, n; probability + prep; of

probability, n; v + probability; calculate, determine, increase, reduce

probable, adj; adv + probable; highly

problematic, adj; adv + problematic; particularly, potentially

problematic, adj; problematic + n; issue, situation

procedure, n; adj + procedure; alternative, appropriate, complex, experimental, following, formal, general, medical, new, scoring, similar, simple, standard, statistical, surgical, usual

procedure, n; n + procedure; assessment, collection, data, regression, sampling, scoring, selection, testing

procedure, n; procedure + v; allow, consist, involve

procedure, n; v + procedure; adopt, apply, describe, develop, follow, introduce, outline, use

process, n; adj + process; active, actual, biological, cognitive, complex, complicated, continuous, controlled, creative, democratic, developmental, distinct, dynamic, efficient, entire, evolutionary, formal, fundamental, gradual, higher, industrial, internal, iterative, legal, lengthy, manufacturing, mental, natural, normal, ongoing, overall, physical, planning, psychological, related, reverse, slow, systematic, underlying

process, n; n + process; assessment, business, certification, communication, data, decision, design, development, learning, making, manufacturing, planning, production, reasoning, recognition, recruitment, retrieval, search, selection, thought, writing

process, n; process + v; begin, continue, contribute, interact, involve, lead, occur, operate, underlie

process, n; v + process; accelerate, describe, examine, facilitate, guide, initiate, learning, reflect, reverse, slow, undergo, understand

process, v; process + n; data

processing, n; adj + processing; cognitive, subsequent, visual

processing, n; n + processing; data, food, information, language, word

processing, n; processing + n; load, package, software, speed, system

processing, n; v + processing; require

produce, v; adv + produce; actually, automatically, easily, locally, ultimately

produce, v; produce + n; amount, change, data, effect, estimate, evidence, goods, image, improvement, kind, list, material, offspring, output, pattern, picture, product, programme, publication, response, result, series, sound, variety, volume

produce, v; produce + prep; by

product, n; adj + product; agricultural, certain, commercial, domestic, final, finished, gross, industrial, national, natural, new, primary, specific

product, n; n + product; end, food, gross, waste
product, n; product + n; correlation, development
product, n; v + product; buy, create, produce, sell
production, n; adj + production; agricultural, increased, increasing, industrial, mass, total
production, n; n + production; food, mass
production, n; production + n; facility, process, system, technique, unit
productive, adj; adv + productive; highly
productive, adj; productive + n; capacity, work
productivity, n; adj + productivity; agricultural, increased, low
productivity, n; productivity + n; gain
productivity, n; v + productivity; improve, increase
profession, n; adj + profession; medical
professional, n; adj + professional; experienced, medical
professional, n; n + professional; care, health
professional, n; professional + v; need
profile, n; adj + profile; different, high, low
profound, adj; profound + n; change, effect, impact, implication, influence
profoundly, adv; profoundly + v; affect, influence
progressive, adj; progressive + n; change
prohibitively, adv; prohibitively + adj; expensive
project, n; adj + project; ambitious, current, larger, major, ongoing, specific, successful
project, n; n + project; building, construction, development, pilot, research
project, n; project + v; aim, attempt, involve, start
project, n; v + project; carry, complete, undertake
prominent, adj; adv + prominent; particularly
prominent, adj; prominent + n; feature, part, role
prominently, adv; prominently + v; feature, figure
promote, v; adv + promote; actively
promote, v; promote + n; activity, autonomy, awareness, communication, development, growth, health, image, improvement, interest
propensity, n; v + propensity; have
proponent, n; proponent + v; argue
proportion, n; adj + proportion; average, considerable, direct, high, increasing, inverse, large, significant, similar, small, substantial
proportion, n; proportion + prep; of
proportion, n; proportion + v; increase, vary
proportion, n; v + proportion; contain, increase
proportional, adj; adv + proportional; directly
proportional, adj; proportional + prep; to
propose, v; adv + propose; initially, originally, recently
propose, v; propose + n; alternative, approach, mechanism, method, model, strategy, theory
propose, v; propose + prep; by

proposed, adj; proposed + n; change, model, structure, system
prospective, adj; prospective + n; study
protection, n; adj + protection; adequate, environmental, little
protection, n; n + protection; child, environmental
protection, n; protection + n; act, law
protection, n; v + protection; afford, give, offer, provide, require
provide, v; adv + provide; accordingly, additionally, consequently, finally, undoubtedly
provide, v; provide + n; access, accommodation, account, advantage, advice, alternative, answer, assessment, assistance, assurance, avenue, background, barrier, baseline, basis, benefit, care, characterisation, clue, comparison, confirmation, consent, context, coverage, data, defence, definition, description, detail, environment, estimate, evidence, example, explanation, facility, feedback, fit, flexibility, food, foundation, framework, glimpse, ground, guidance, guide, guideline, hint, illustration, impetus, incentive, indication, information, input, insight, instruction, introduction, justification, link, list, material, means, measure, mechanism, motivation, opportunity, overview, perspective, picture, platform, proof, protection, rationale, reader, recommendation, relief, reminder, representation, resource, review, route, scope, security, service, snapshot, solution, source, stability, statistic, stimulus, suggestion, summary, support, tool, training, understanding, vehicle, wealth, window
provide, v; provide + prep; by
provincial, adj; provincial + n; government
proximity, n; adj + proximity; close, temporal
psychiatric, adj; psychiatric + n; diagnosis, hospital, patient, treatment
psychological, adj; psychological + n; aspect, factor, impact, perspective, problem, process, state, term, theory
publication, n; adj + publication; later, original, recent
publication, n; publication + v; include
publication, n; v + publication; produce
publish, v; adv + publish; later, originally, previously, recently
publish, v; publish + n; account, article, book, paper, report, series
publish, v; publish + prep; in
published, adj; published + n; account, article, data, information, literature, material, paper, report, research, study, work
purchasing, n; purchasing + n; power
purpose, n; adj + purpose; administrative, analytical, common, comparative, different, dual, educational, general, main, particular, practical, present, primary, secondary, sole, specific, therapeutic, useful
purpose, n; n + purpose; research
purpose, n; purpose + prep; of
purpose, n; v + purpose; serve, suit
qualification, n; adj + qualification; educational
qualitatively, adv; qualitatively + adj; different, similar
quality, n; adj + quality; aesthetic, good, high, lower, overall, poor
quality, n; quality + n; assurance, control, score, service
quality, n; quality + v; improve, vary

quality, n; v + quality; affect, assess, determine, enhance, ensure, evaluate, exhibit, improve, influence
quantity, n; adj + quantity; large, small, substantial, sufficient
quantity, n; quantity + prep; of
quantity, n; v + quantity; reduce
racial, adj; racial + n; difference, group, minority
radical, adj; radical + n; change, departure
radical, n; radical + v; attack
radically, adv; radically + adj; different
radically, adv; radically + v; change
ramification, n; v + ramification; have
random, adj; random + n; effect, order, sample, sampling, selection, variable
range, n; adj + range; broad, broader, diverse, entire, extensive, full, greater, higher, large, limited, lower, narrow, normal, restricted, vast, wide, wider
range, n; n + range; age, size
range, n; range + prep; of
range, n; v + range; cover, exhibit, expand, explore, extend, narrow, offer, represent
range, v; adv + range; widely
range, v; range + prep; from
rapid, adj; rapid + n; change, decline, development, expansion, growth, increase, progress, rate, rise, succession
rapidly, adv; rapidly + v; change, decline, develop, expand, grow, increase, move, occur, rise, spread
rate, n; adj + rate; actual, annual, average, comparable, decreased, estimated, greater, high, hourly, increased, low, lowest, normal, overall, rapid, relative, similar
rate, n; n + rate; accuracy, alarm, attrition, birth, death, detection, error, exchange, growth, interest, learning, mortality, participation, percent, percentage, prevalence, rejection, response, sampling, success, suicide, survival, tax, unemployment
rate, n; rate + v; decrease, drop, equal, fall, increase, rise, vary
rate, n; v + rate; affect, calculate, determine, find, increase, lower, raise, reduce
ratio, n; adj + ratio; high
ratio, n; n + ratio; log, odds
ratio, n; ratio + v; decrease
rational, adj; rational + n; approach, basis, decision
rationale, n; v + rationale; provide
readily, adv; readily + adj; accessible, apparent, available, identifiable
readily, adv; readily + v; accept, identify, see, understand
realm, n; realm + prep; of
reciprocal, adj; reciprocal + n; relationship
recognition, n; adj + recognition; growing, widespread
recognition, n; recognition + n; process
recognition, n; v + recognition; achieve, facilitate, gain, receive, require
recognise, v; adv + recognise; clearly, easily, generally, immediately, increasingly, long, soon, well, widely

recognise, v; recognise + n; difference, importance, limitation, need, potential, problem, role, significance, value
 recommendation, n; adj + recommendation; following, specific
 recommendation, n; v + recommendation; make, offer, provide, receive, support
 recreational, adj; recreational + n; activity, facility
 recruitment, n; recruitment + n; process
 reduce, v; adv + reduce; considerably, drastically, effectively, gradually, greatly, sharply, significantly, substantially
 reduce, v; reduce + n; ability, amount, bias, burden, capacity, chance, complexity, consumption, cost, demand, dependence, effect, effectiveness, extent, feeling, impact, incidence, length, level, likelihood, load, number, possibility, power, pressure, probability, quantity, rate, risk, scope, size, strength, stress, tension, threat, uncertainty, volume
 reduced, adj; reduced + n; ability, form, level, number
 reduction, n; adj + reduction; drastic, significant
 reduction, n; reduction + n; strategy
 reduction, n; reduction + prep; in
 reduction, n; reduction + v; lead
 reduction, n; v + reduction; show
 refer, v; adv + refer; commonly, frequently, generally, henceforth, later, respectively, simply, usually
 refer, v; refer + n; reader
 refer, v; refer + prep; to
 reference, n; adj + reference; particular, specific
 reference, n; reference + n; book, category, list, material, point
 reference, n; reference + prep; to
 reference, n; v + reference; contain, include, make
 reflect, v; adv + reflect; accurately, clearly, closely, directly, fully, largely, necessarily, partly, possibly, presumably, probably, similarly, simply
 reflect, v; reflect + n; ability, aspect, attitude, awareness, balance, behaviour, bias, change, characteristic, complexity, concern, degree, demand, development, difference, difficulty, diversity, experience, extent, fact, impact, importance, influence, interest, lack, level, nature, need, opinion, pattern, perception, position, practise, preference, preoccupation, process, reality, shift, situation, status, structure, tendency, trend, uncertainty, understanding, variety
 reflect, v; reflect + prep; on
 reflection, n; adj + reflection; accurate, direct
 regard, v; adv + regard; commonly, especially, generally, highly, particularly, previously, usually, widely
 regard, v; regard + prep; as
 region, n; adj + region; central, coastal, different, distinct, entire, frontal, geographic, geographical, northern, particular, southern, specific, temporal, various
 region, n; n + region; northern
 regional, adj; regional + n; authority, basis, difference, level, variation
 reinforce, v; adv + reinforce; mutually

reinforce, v; reinforce + n; conclusion, idea, importance, need, notion, view

rejection, n; rejection + n; rate

rejection, n; rejection + prep; of

relate, v; adv + relate; clearly, closely, directly, especially, highly, indirectly, intimately, inversely, mainly, negatively, obviously, particularly, positively, primarily, probably, significantly, simply, specifically, strongly, structurally

relate, v; relate + prep; to

related, adj; related + n; activity, area, concept, concern, data, development, factor, field, issue, problem, process, question, research, topic, variable, work

relation, n; adj + relation; causal, close, direct, good, interpersonal, positive, public, social

relation, n; relation + prep; between, to

relation, n; relation + v; exist, hold

relation, n; v + relation; bear, establish, examine, improve, mediate

relationship, n; adj + relationship; causal, close, complex, consistent, direct, functional, good, interpersonal, intimate, inverse, linear, negative, ongoing, personal, positive, precise, reciprocal, sexual, significant, simple, social, spatial, strong, structural, symbiotic, working

relationship, n; n + relationship; family

relationship, n; relationship + prep; between, with

relationship, n; relationship + v; exist, hold, vary

relationship, n; v + relationship; affect, alter, assess, bear, build, clarify, demonstrate, describe, develop, establish, evaluate, examine, exhibit, explain, explore, find, identify, imply, improve, indicate, investigate, maintain, moderate, reveal, show, understand

relative, adj; relative + n; advantage, amount, contribution, degree, difficulty, ease, effectiveness, importance, lack, merit, paucity, position, power, rate, significance, size, stability, strength, value, weight

relative, adj; relative + prep; to

relatively, adv; relatively + adj; cheap, clear, common, complex, consistent, constant, difficult, early, easy, expensive, greater, high, homogeneous, independent, inexpensive, infrequent, insignificant, large, late, limit, little, long, low, mild, minor, modest, narrow, new, poor, rare, recent, restrict, safe, short, similar, simple, small, stable, straightforward, strong, uncommon, uniform, weak, young

relatively, adv; relatively + adv; easily, quickly, recently

relevance, n; adj + relevance; direct, immediate, little, particular, potential

relevance, n; v + relevance; assess, establish, have

relevant, adj; adv + relevant; directly, especially, highly, particularly, potentially, socially

relevant, adj; relevant + n; article, aspect, characteristic, concept, context, data, dimension, evidence, fact, factor, feature, information, issue, knowledge, literature, material, source, topic, variable

relevant, adj; v + relevant; consider

reliable, adj; reliable + n; assessment, data, evidence, indicator, information, measure, method, result, source, way

reliably, adv; reliably + v; distinguish, predict

reliance, n; reliance + prep; on

rely, v; adv + rely; exclusively, heavily, mainly, primarily, solely

rely, v; rely + prep; on
remainder, n; remainder + prep; of
remedy, v; remedy + n; situation
repeated, adj; repeated + n; analysis, measure
replicate, v; replicate + n; experiment, finding, result, study
report, v; adv + report; additionally, commonly, correctly, earlier, frequently, interestingly, previously, recently, similarly, specifically, widely
report, v; report + n; correlation, data, feeling, improvement, prevalence, result
reported, adj; reported + n; level, use
represent, v; adv + represent; accurately, actually, adequately, clearly, directly, necessarily, respectively, simply, usually, well
represent, v; represent + n; advance, aspect, attempt, behaviour, category, challenge, combination, contribution, degree, deviation, improvement, interest, knowledge, loss, minority, opportunity, population, range, shift, situation, source, stage, step, value, view
represent, v; represent + prep; by
representative, adj; adv + representative; fairly
representative, adj; representative + n; sample
reproductive, adj; reproductive + n; organ, success
require, v; adv + require; actually, certainly, clearly, consequently, generally, longer, necessarily, normally, obviously, typically, urgently, usually
require, v; require + n; access, adjustment, amount, approval, assessment, assistance, attention, clarification, commitment, consent, consideration, cooperation, degree, effort, equipment, evaluation, examination, expertise, explanation, facility, input, integration, interpretation, intervention, investigation, investment, knowledge, manipulation, modification, monitoring, participation, planning, preparation, presence, processing, protection, recognition, resource, revision, skill, testing, training, treatment, understanding
required, adj; required + n; level
requirement, n; adj + requirement; basic, certain, essential, general, key, legal, minimal, minimum, necessary, strict
requirement, n; requirement + prep; for
requirement, n; v + requirement; fulfil, meet, satisfy
research, n; adj + research; academic, additional, applied, basic, clinical, considerable, contemporary, continued, current, earlier, empirical, existing, experimental, extensive, future, limited, little, longitudinal, past, previous, prior, published, qualitative, quantitative, recent, related, scientific, social, subsequent, systematic
research, n; n + research; market, survey
research, n; research + n; agenda, assistant, centre, council, data, design, effort, ethic, finding, funding, grant, institute, institution, laboratory, literature, method, methodology, organisation, paper, programme, project, purpose, question, team, tool, topic, unit
research, n; research + prep; into, on
research, n; research + v; address, aim, concentrate, demonstrate, examine, explore, focus, indicate, investigate, proceed, reveal, seek, show, suggest, tend

research, n; v + research; carry, conduct, extend, guide, inform, undertake
residential, adj; residential + n; area
resistance, n; v + resistance; offer
resolution, n; adj + resolution; successful, temporal
resolve, v; resolve + n; ambiguity, conflict, difference, difficulty, issue, problem, question
resource, n; adj + resource; additional, adequate, available, economic, essential, fewer, financial, human, limited, local, marine, natural, online, scarce, sufficient, valuable
resource, n; n + resource; energy
resource, n; resource + n; availability, centre, implication, management
resource, n; resource + v; limit
resource, n; v + resource; allocate, devote, exploit, lack, provide, require
respective, adj; respective + n; country, group, role
respectively, adv; respectively + v; correspond, denote, refer, represent
response, n; adj + response; adaptive, appropriate, behavioural, correct, emotional, inadequate, initial, negative, overt, positive, spontaneous, typical
response, n; n + response; questionnaire, survey
response, n; response + n; bias, option, pattern, rate, scale, time
response, n; response + prep; to
response, n; response + v; differ, vary
response, n; v + response; affect, elicit, evoke, examine, generate, produce, provoke
restrict, v; adv + restrict; far, largely, relatively, severely
restrict, v; restrict + n; access, analysis, attention, freedom, movement
restrict, v; restrict + prep; to
restricted, adj; restricted + n; area, range
restriction, n; adj + restriction; legal
restriction, n; restriction + prep; on
restriction, n; v + restriction; impose, place
result, n; adj + result; accurate, comparable, conflicting, desired, direct, disappointing, empirical, expected, experimental, final, following, interesting, mixed, negative, net, paradoxical, positive, preliminary, previous, promising, qualitative, quantitative, reliable, satisfactory, similar, surprising, unexpected
result, n; n + result; election, regression, test
result, n; result + v; confirm, corroborate, demonstrate, disappoint, generalise, highlight, imply, indicate, lend, replicate, reveal, show, suggest, support
result, n; v + result; achieve, affect, compare, confirm, find, generalise, interpret, obtain, present, produce, replicate, report, summarise, yield
result, v; adv + result; inevitably, partly, probably, ultimately
result, v; result + prep; from
resulting, adj; resulting + n; change
retain, v; retain + n; information, position, power, responsibility
retrieval, n; n + retrieval; information
retrieval, n; retrieval + n; process

reveal, v; adv + reveal; clearly, similarly
 reveal, v; reveal + n; aspect, association, correlation, detail, difference, effect, evidence, existence, finding, information, insight, lack, limitation, pattern, presence, relationship, structure, trend
 review, n; adj + review; annual, brief, critical, extensive, previous, recent, thorough, useful
 review, n; n + review; book, literature, peer
 review, n; review + n; article, board
 review, n; review + v; conclude, demonstrate, highlight, reveal, suggest
 review, n; v + review; provide
 review, v; adv + review; briefly, critically
 review, v; review + n; evidence, literature
 revised, adj; revised + n; version
 revision, n; v + revision; require
 revolution, n; adj + revolution; industrial, scientific
 revolution, n; n + revolution; scientific
 rigorous, adj; rigorous + n; analysis, approach, method, study
 robust, adj; robust + n; evidence
 role, n; adj + role; active, central, critical, crucial, decisive, different, direct, dominant, dual, essential, functional, fundamental, greater, important, increasing, integral, key, larger, leading, limited, major, minor, pivotal, possible, potential, primary, prominent, protective, respective, secondary, significant, social, special, specific, substantial, unique, vital
 role, n; role + n; play
 role, n; role + prep; in
 role, n; role + v; play
 role, n; v + role; acknowledge, address, assess, assign, assume, clarify, define, demonstrate, discuss, examine, explore, highlight, investigate, occupy, perform, play, recognise, serve, suggest, take, understand
 rural, adj; rural + n; area, child, community, development, population
 salient, adj; adv + salient; particularly
 salient, adj; salient + n; feature, point
 satisfactory, adj; satisfactory + n; explanation, result, way
 scale, n; adj + scale; different, following, global, large, national, original, sliding, small, wider
 scale, n; n + scale; depression, point, rating, response, time
 scale, n; scale + n; score
 scale, n; v + scale; complete, use
 scarce, adj; scarce + n; resource
 scenario, n; adj + scenario; hypothetical, possible
 schematic, adj; schematic + n; representation
 scheme, n; adj + scheme; coding, different, existing, general, new, overall, simple, single, various
 scheme, n; n + scheme; classification, coding
 scheme, n; scheme + v; allow, provide
 scheme, n; v + scheme; develop, establish, introduce

science, n; adj + science; applied, biological, cognitive, environmental, medical, modern, natural, normal, physical, social
science, n; n + science; computer, medical, social
science, n; science + n; course, fiction, foundation, student
scientific, adj; scientific + n; advance, approach, basis, community, concept, data, discipline, discovery, evidence, information, inquiry, knowledge, literature, method, principle, progress, research, revolution, study, theory
scope, n; adj + scope; considerable, limited
scope, n; scope + prep; for, of
scope, n; scope + v; limit
scope, n; v + scope; define, give, limit, offer, provide, reduce, widen
section, n; adj + section; cross, earlier, final, following, introductory, last, later, next, preceding, previous, separate, subsequent
section, n; n + section; cross, discussion
section, n; section + v; conclude, consist, contain, deal, describe, discuss, examine, explore, focus, illustrate, introduce, look, outline, present, provide, summarise
section, n; v + section; conclude, cross, see
sector, n; adj + sector; different, industrial, manufacturing, private, public, retail, voluntary
sector, n; n + sector; health, manufacturing, service
seek, v; adv + seek; actively
seek, v; seek + n; advice, alternative, approval, help, information, solution, support, treatment
select, v; adv + select; carefully, highly, randomly
select, v; select + n; item, material, option
select, v; select + prep; for
selection, n; adj + selection; careful, natural, random
selection, n; selection + n; criterion, method, procedure, process
selection, n; v + selection; guide, influence, make
selective, adj; adv + selective; highly
selectively, adv; selectively + v; use
seminal, adj; seminal + n; paper, work
separate, adj; adv + separate; clearly, completely, easily, entirely, physically, widely
separate, adj; separate + n; analysis, area, assessment, category, chapter, class, component, entity, item, model, occasion, organisation, room, section, sheet, system, unit
separately, adv; separately + v; calculate, carry, compute, consider, develop, discuss, examine, look, treat
separation, n; adj + separation; complete
sequence, n; adj + sequence; complete, complex, given, linear, logical, long, specific
sequence, n; sequence + v; consist, occur
shape, v; shape + n; perception, policy
shared, adj; shared + n; knowledge
sharing, n; n + sharing; information
shift, n; adj + shift; demographic, dramatic, major, significant

shift, n; n + shift; paradigm
 shift, n; shift + v; occur
 shift, n; v + shift; cause, indicate, reflect, represent
 short-term, adj; short-term + n; benefit, effect, goal, memory
 short, adv; short + v; fall, live
 shortcoming, n; v + shortcoming; have
 signal, n; v + signal; send
 significance, n; adj + significance; considerable, economic, great, little, major, particular, practical, real, relative, statistical
 significance, n; significance + n; level
 significance, n; significance + prep; of
 significance, n; v + significance; approach, assess, demonstrate, determine, emphasise, have, indicate, lose, reach, recognise, understand
 significant, adj; adv + significant; highly, marginally, particularly, statistically
 significant, adj; significant + n; advance, advantage, amount, aspect, association, challenge, change, consequence, contribution, contributor, correlation, decline, decrease, degree, departure, difference, effect, extent, factor, feature, finding, gain, gap, impact, implication, improvement, increase, influence, interaction, loss, minority, number, part, portion, predictor, progress, proportion, reduction, relationship, rise, risk, role, shift, source, threat, trend, variance, variation
 significantly, adv; significantly + adj; different, faster, fewer, greater, higher, larger, likely, longer, lower, poorer, slower, smaller, stronger, worse
 significantly, adv; significantly + v; affect, alter, associate, change, contribute, correlate, decrease, differ, exceed, impair, improve, increase, influence, predict, reduce, relate, rise, vary
 similar, adj; adv + similar; apparently, broadly, closely, essentially, fairly, generally, qualitatively, quite, relatively, remarkably, strikingly
 similar, adj; similar + n; age, amount, approach, argument, background, behaviour, characteristic, comment, conclusion, condition, consideration, effect, fashion, feature, finding, level, line, magnitude, manner, methodology, observation, pattern, phenomenon, picture, position, problem, procedure, proportion, rate, result, situation, size, strategy, structure, technique, trend, vein, way
 similar, adj; similar + prep; to
 similar, adj; v + similar; look
 similarity, n; adj + similarity; remarkable, striking, strong, structural
 similarity, n; similarity + prep; between
 similarity, n; similarity + v; exist
 similarity, n; v + similarity; demonstrate, identify, note, share, show
 similarly, adv; similarly + adj; likely
 similarly, adv; similarly + v; affect, allow, appear, apply, associate, assume, behave, contain, define, describe, fail, find, indicate, interpret, lead, note, occur, predict, reflect, report, reveal, show, suggest, treat
 simplify, v; adv + simplify; greatly
 simplify, v; simplify + n; analysis
 simultaneous, adj; simultaneous + n; analysis

simultaneously, adv; simultaneously + v; address, occur, present, take
skewed, adj; skewed + n; distribution
skilled, adj; adv + skilled; highly
skilled, adj; skilled + n; labour, worker
small-scale, adj; small-scale + n; study
social, adj; social + n; activity, anthropology, aspect, background, behaviour, benefit, bond, capital, change, characteristic, circumstance, class, condition, consequence, construction, contact, context, control, cost, deprivation, dynamic, environment, factor, function, functioning, group, hierarchy, history, implication, inclusion, inequality, institution, integration, interaction, isolation, issue, learning, life, network, norm, organisation, perspective, phenomenon, policy, position, pressure, problem, relation, relationship, research, responsibility, role, science, scientist, situation, skill, status, structure, support, system, theory, tie, variable, worker
socially, adv; socially + adj; desirable, relevant
socially, adv; socially + v; construct
society, n; adj + society; civil, democratic, human, international, modern, western
society, n; n + society; civil, international, royal
socioeconomic, adj; socioeconomic + n; background, factor, status
solely, adv; solely + adj; responsible
solely, adv; solely + adv; attribute, base, concentrate, depend, determine, focus, rely
solution, n; adj + solution; alternative, complete, correct, easy, effective, final, general, ideal, obvious, partial, possible, potential, practical, simple, single, viable
solution, n; solution + v; exist, lie
solution, n; v + solution; find, offer, provide, reach, seek, yield
sound, adj; sound + n; basis, knowledge
source, n; adj + source; additional, alternative, available, common, different, diverse, external, important, internal, light, main, major, multiple, obvious, original, possible, potential, primary, principal, relevant, reliable, rich, secondary, significant, single, sole, ultimate, useful, valuable, various
source, n; n + source; data, energy, information, light
source, n; source + n; material
source, n; source + prep; of
source, n; v + source; constitute, identify, provide, represent
span, v; span + n; period
spatial, adj; spatial + n; distribution, expression, information, location, pattern, relationship
specific, adj; adv + specific; highly, quite
specific, adj; specific + n; activity, aim, application, area, aspect, category, characteristic, circumstance, combination, component, condition, contribution, criterion, detail, domain, element, event, example, factor, feature, focus, form, function, goal, group, guideline, hypothesis, information, instance, instruction, issue, item, location, nature, need, objective, outcome, pattern, problem, product, programme, project, property, purpose, question, recommendation, reference, region, role, segment, sequence, setting, site, situation, skill, strategy, task, technique, topic, type
specifically, adv; specifically + adj; targeted

specifically, adv; specifically + v; address, apply, ask, associate, concern, consider, deal, define, design, develop, direct, examine, exclude, focus, identify, include, interest, investigate, look, mention, occur, recommend, relate, report, show, test

specification, n; adj + specification; detailed

specification, n; v + specification; meet

specified, adj; specified + n; condition, number, period, time

specify, v; adv + specify; clearly, fully

specify, v; specify + n; condition, information, nature, number

spectrum, n; adj + spectrum; broad, broader, entire, wide

sphere, n; adj + sphere; different, public

sphere, n; n + sphere; public

spontaneous, adj; spontaneous + n; response

stability, n; adj + stability; economic, greater, relative

stability, n; v + stability; ensure, maintain, provide

stable, adj; adv + stable; fairly, quite, relatively

stable, adj; stable + n; system

stance, n; v + stance; take

standard, adj; standard + n; condition, deviation, error, form, method, model, package, practise, procedure

standard, n; adj + standard; accepted, appropriate, double, ethical, existing, gold, high, higher, highest, international, living, minimum, modern, national, technical

standard, n; n + standard; gold, international, living

standard, n; standard + n; deviation, error

standard, n; v + standard; adopt, ensure, establish, improve, meet

state, v; adv + state; clearly, earlier, explicitly, previously, simply

stated, adj; stated + n; aim

static, adj; static + n; model

statistical, adj; statistical + n; analysis, association, comparison, data, difference, evidence, information, method, model, package, power, procedure, property, significance, technique, test

status, n; adj + status; current, economic, financial, high, higher, legal, low, lower, marital, social, socioeconomic

status, n; n + status; minority

status, n; v + status; achieve, affect, assess, attain, determine, improve, maintain, reflect

stem, v; stem + prep; from

stimulate, v; stimulate + n; activity, development, growth, interest

stimulus, n; adj + stimulus; external, visual

stimulus, n; stimulus + n; onset, presentation

stimulus, n; v + stimulus; provide

straightforward, adj; adv + straightforward; quite, relatively

straightforward, adj; straightforward + n; manner, way

strategic, adj; strategic + n; level, plan

strategy, n; adj + strategy; alternative, analytic, appropriate, basic, corporate, different, effective, efficient, general, instructional, new, overall, similar, single, specific, successful, various

strategy, n; n + strategy; development, learning, management, planning, prevention, reduction, search, teaching

strategy, n; strategy + v; allow, help, involve

strategy, n; v + strategy; adopt, apply, choose, describe, develop, employ, evaluate, explore, formulate, identify, implement, incorporate, investigate, learning, plan, propose, use

stratum, n; adj + stratum; lower

strengthen, v; strengthen + n; argument, case

stress, v; stress + n; importance, need

striking, adj; adv + striking; particularly

striking, adj; striking + n; aspect, contrast, difference, example, feature, similarity

strikingly, adv; strikingly + adj; different, similar

stringent, adj; stringent + n; criterion

strongly, adv; strongly + adj; dependent

strongly, adv; strongly + v; affect, agree, argue, associate, believe, correlate, depend, disagree, encourage, feel, influence, link, recommend, relate, suggest, support

structural, adj; structural + n; analysis, approach, change, characteristic, component, constraint, difference, element, factor, feature, model, problem, property, relationship, similarity, study

structure, n; adj + structure; alternative, basic, coherent, complex, conceptual, deep, defined, different, distinct, economic, existing, external, given, hierarchical, higher, internal, larger, logical, morphological, organisational, original, overall, physical, proposed, rigid, similar, simple, social, traditional, underlying, vertical

structure, n; n + structure; brain, complex, family, management

structure, n; structure + v; consist, differ, exist

structure, n; v + structure; affect, alter, analyse, create, determine, exhibit, maintain, possess, reflect, reveal

structure, v; adv + structure; highly

structured, adj; structured + n; interview

study, n; adj + study; additional, analytic, careful, classic, comparative, comprehensive, cultural, current, descriptive, detailed, earliest, empirical, epidemiological, existing, experimental, exploratory, extensive, fewer, following, future, historical, intensive, larger, longitudinal, numerous, pioneering, preliminary, present, previous, prior, prospective, published, qualitative, quantitative, recent, rigorous, scientific, structural, subsequent, systematic, theoretical, unpublished

study, n; n + study; case, pilot

study, n; study + n; area, period

study, n; study + v; address, aim, concentrate, conclude, confirm, contribute, demonstrate, examine, explore, fail, find, focus, highlight, indicate, investigate, provide, report, reveal, show, suggest, utilise

study, n; v + study; conduct, deserve, replicate, undertake

subject, n; adj + subject; female, human, male

subject, n; n + subject; control

subject, n; subject + n; area, matter

subject, n; subject + v; receive
 subject, n; v + subject; teach
 subjective, adj; adv + subjective; highly
 subjective, adj; subjective + n; experience, measure, nature
 subsequent, adj; subsequent + n; activity, analysis, attempt, behaviour, change, development, discussion, event, generation, period, phase, processing, research, section, stage, study, work, year
 subsequently, adv; subsequently + v; describe, develop, give, present, show, use
 subset, n; adj + subset; small
 subset, n; subset + prep; of
 substantial, adj; substantial + n; amount, benefit, body, change, contribution, difference, effect, evidence, gain, impact, improvement, increase, influence, investment, loss, number, part, period, portion, progress, proportion, quantity, rise, role
 substantially, adv; substantially + adj; different, higher, lower
 substantially, adv; substantially + v; affect, alter, change, contribute, decrease, differ, increase, reduce, vary
 successful, adj; adv + successful; extremely, highly, remarkably
 successful, adj; successful + n; application, attempt, completion, design, development, effort, implementation, integration, management, operation, outcome, performance, project, resolution, strategy, treatment
 successfully, adv; successfully + v; apply, carry, combine, complete, establish, implement, manage, operate, perform, use
 succession, n; adj + succession; rapid
 successive, adj; successive + n; generation, government, stage
 sufficient, adj; adv + sufficient; usually
 sufficient, adj; sufficient + n; condition, data, degree, evidence, information, knowledge, material, number, power, quantity, resource, time
 sufficiently, adv; sufficiently + adj; close, high, large, strong, well
 sufficiently, adv; sufficiently + v; develop
 suggest, v; adv + suggest; additionally, alternatively, certainly, finally, interestingly, overall, previously, recently, similarly, strongly
 suggest, v; suggest + n; existence, link, possibility, role
 suitable, adj; adv + suitable; particularly
 suitable, adj; suitable + n; candidate, condition, environment, material, model, way
 suitable, adj; suitable + prep; for
 sum, n; adj + sum; large
 sum, n; sum + n; total
 sum, n; sum + prep; of
 summarise, v; adv + summarise; briefly
 summarise, v; summarise + n; data, finding, result
 summarise, v; summarise + prep; in
 summary, n; adj + summary; brief
 summary, n; summary + n; statistic

summary, n; v + summary; give, present, provide
superior, adj; superior + n; performance, position
supplementary, adj; supplementary + n; material
support, n; adj + support; additional, adequate, emotional, empirical, financial, full, greater, ongoing, public, social, strong, technical
support, n; n + support; emotional
support, n; support + n; network, staff
support, n; support + prep; for
support, n; v + support; find, gain, give, lend, offer, provide, receive, seek
support, v; adv + support; empirically, fully, partially, strongly
support, v; support + n; argument, assertion, assumption, belief, claim, conclusion, development, effort, existence, finding, hypothesis, idea, initiative, interpretation, notion, operation, prediction, proposal, recommendation, suggestion, theory, thesis, validity, view
support, v; support + prep; by
supportive, adj; adv + supportive; highly
supportive, adj; supportive + n; environment, evidence
survey, n; adj + survey; brief, comprehensive, general, national, recent
survey, n; n + survey; health, household, ordnance
survey, n; survey + n; data, design, instrument, research, response
survey, n; survey + v; ask, confirm, indicate, report, reveal, show, suggest
survey, n; v + survey; complete, conduct
survival, n; survival + n; rate
survival, n; survival + v; depend
survival, n; v + survival; ensure
susceptible, adj; adv + susceptible; particularly
susceptible, adj; susceptible + prep; to
sustained, adj; sustained + n; period
symbiotic, adj; symbiotic + n; relationship
synthesis, n; adj + synthesis; new
synthesis, n; synthesis + prep; of
system, n; adj + system; automated, autonomic, central, centralised, closed, complex, complicated, comprehensive, computerised, conventional, current, developed, dual, dynamic, economic, efficient, elaborate, electronic, entire, established, existing, expert, extensive, financial, fixed, flexible, formal, hierarchical, immune, integrated, international, larger, modern, modular, national, nervous, new, open, operating, proposed, regulatory, scoring, sensory, separate, single, social, sophisticated, stable, traditional, visual, working
system, n; n + system; care, classification, communication, computer, control, data, database, defence, delivery, education, expert, information, justice, management, nervous, operating, processing, production, reward, river, satellite, scoring, security, software, trading, transport, transportation
system, n; system + v; allow, comprise, consist, fail, operate, rely
system, n; v + system; adopt, build, develop, devise, enter, run

systematic, adj; systematic + n; analysis, approach, collection, comparison, difference, error, examination, manner, method, process, study, way
 systematically, adv; systematically + v; use, vary
 table, n; adj + table; following
 table, n; n + table; contingency
 table, n; table + v; contain, display, illustrate, indicate, list, present, provide, reveal, show, summarise
 tacit, adj; tacit + n; knowledge
 targeted, adj; adv + targeted; specifically
 task, n; adj + task; administrative, basic, certain, challenging, cognitive, complex, daily, daunting, different, difficult, easy, essential, experimental, main, next, particular, routine, simple, specific, various, verbal, visual
 task, n; n + task; completion, learning, memory, transfer
 task, n; task + n; demand, difficulty, force, performance
 task, n; task + v; involve, require
 task, n; v + task; accomplish, assign, complete, perform, undertake
 technical, adj; adv + technical; highly
 technical, adj; technical + n; ability, advance, aspect, assistance, detail, difficulty, expertise, issue, knowledge, problem, reason, skill, standard, support, term
 technique, n; adj + technique; advanced, agricultural, analytical, appropriate, basic, common, conventional, different, effective, modern, qualitative, similar, simple, sophisticated, specific, statistical, traditional, various
 technique, n; n + technique; analysis, management, modelling, production, sampling
 technique, n; technique + v; allow, help
 technique, n; v + technique; apply, combine, describe, develop, employ, introduce, use
 technological, adj; technological + n; advance, aspect, change, development, innovation, progress
 technology, n; adj + technology; advanced, available, current, digital, emerging, modern, new, sophisticated
 technology, n; n + technology; communication, computer, information
 technology, n; technology + n; advance
 technology, n; technology + v; advance, improve
 technology, n; v + technology; adopt, integrate, introduce
 temporal, adj; temporal + n; information, lobe, proximity, region, resolution
 tend, v; adv + tend; consequently, generally
 tendency, n; adj + tendency; general, greater, natural, strong
 tendency, n; tendency + prep; for
 tendency, n; v + tendency; reflect, show
 tenet, n; adj + tenet; fundamental
 term, n; adj + term; absolute, abstract, broad, concrete, following, general, generic, long, longer, monetary, practical, real, short, simple, technical
 term, n; n + term; percentage, search
 term, n; term + v; refer
 term, n; v + term; coin

terminology, n; v + terminology; use
test, v; adv + test; directly, experimentally, individually, specifically
test, n; test + n; effectiveness, hypothesis, prediction, reliability, validity
testable, adj; testable + n; hypothesis
testing, n; n + testing; hypothesis
testing, n; testing + n; condition, method, procedure
testing, n; v + testing; require
theme, n; adj + theme; central, common, key, main, major, recurrent, recurring
theme, n; theme + v; emerge, relate
theme, n; v + theme; identify
theoretical, adj; theoretical + n; analysis, approach, argument, assumption, background, basis, concept, consideration, explanation, foundation, framework, implication, issue, knowledge, literature, model, perspective, point, problem, question, reason, study, underpinning, understanding, work
theoretically, adv; theoretically + adj; possible
theory, n; adj + theory; alternative, basic, classical, critical, current, developmental, dual, economic, established, evolutionary, general, modern, psychological, recent, scientific, single, social
theory, n; n + theory; game, learning, probability
theory, n; theory + v; assume, differ, emerge, explain, fail, hold, imply, offer, posit, postulate, predict, propose, provide, seem, suggest
theory, n; v + theory; apply, build, construct, develop, formulate, learning, propose, support
thereof, adv; thereof + adj; lack
thesis, n; v + thesis; support
thorough, adj; thorough + n; analysis, discussion, investigation, knowledge, review, understanding
time-consuming, adj; time-consuming + n; process
tool, n; adj + tool; analytical, appropriate, available, basic, diagnostic, effective, essential, important, major, new, powerful, primary, useful, various
tool, n; n + tool; assessment, marketing, research, software
tool, n; tool + prep; for
tool, n; tool + v; allow
tool, n; v + tool; provide, use
top-down, adj; top-down + n; approach, processing
total, adj; total + n; absence, amount, area, capacity, cost, data, expenditure, income, loss, number, output, population, production, revenue, sample, score, size, time, value, volume
tradition, n; adj + tradition; long
traditional, adj; traditional + n; approach, concept, factor, form, measure, method, model, organisation, practise, structure, system, technique, view, way
traditionally, adv; traditionally + v; associate, consider, focus, use
trained, adj; trained + n; personnel
trait, n; adj + trait; human
trait, n; n + trait; personality
trajectory, n; adj + trajectory; developmental
trajectory, n; v + trajectory; follow

transaction, n; transaction + n; cost
transformation, n; v + transformation; undergo
transition, n; adj + transition; gradual, smooth
transition, n; transition + n; period
transition, n; transition + prep; from
transition, n; v + transition; ease, make, mark
transitional, adj; transitional + n; period
transmit, v; transmit + n; information
transport, n; adj + transport; public
transport, n; n + transport; road
transport, n; transport + n; cost, system
traumatic, adj; traumatic + n; injury
trend, n; adj + trend; clear, current, downward, future, general, global, historical, linear, main, negative, opposite, recent, significant, similar
trend, n; n + trend; population
trend, n; trend + n; line
trend, n; trend + v; continue, emerge, occur, reflect, show
trend, n; v + trend; follow, highlight, identify, indicate, reflect, reveal, reverse, show
two-stage, adj; two-stage + n; process
two-step, adj; two-step + n; process
type, n; adj + type; certain, common, different, distinct, main, new, particular, special, specific, various
type, n; n + type; cover
type, n; type + prep; of
type, n; type + v; affect, differ, vary
type, n; v + type; distinguish, identify
typical, adj; adv + typical; fairly
typical, adj; typical + n; case, characteristic, example, feature, pattern, problem, response, situation
typically, adv; typically + v; apply, associate, characterise, comprise, consist, contain, define, develop, focus, include, involve, observe, occur, require, take, treat, use
unaffected, adj; adv + unaffected; largely
uncertainty, n; v + uncertainty; reduce, reflect
underdeveloped, adj; underdeveloped + n; country
underlie, v; underlie + n; approach, behaviour
underline, v; underline + n; fact, importance
underlying, adj; underlying + n; assumption, cause, concept, distribution, factor, idea, issue, mechanism, model, pattern, principle, problem, process, reason, structure
underpinning, n; adj + underpinning; theoretical
underscore, v; underscore + n; importance
understanding, n; adj + understanding; basic, clear, clearer, common, complete, comprehensive, current, deep, deeper, detailed, full, fuller, general, good, greater, growing, increased, limited, new, poor, theoretical, thorough
understanding, n; understanding + prep; of

understanding, n; understanding + v; help, require
understanding, n; v + understanding; achieve, advance, aid, build, develop, enable, enhance, extend, facilitate, gain, get, improve, increase, inform, provide, reflect, require
undertake, v; adv + undertake; currently, recently
undertake, v; undertake + n; activity, analysis, project, research, study, task
undoubtedly, adv; undoubtedly + v; lead, make, provide
undue, adj; undue + n; influence
unexplored, adj; adv + unexplored; largely
uniform, adj; adv + uniform; relatively
uniformly, adv; uniformly + v; distribute
unintended, adj; unintended + n; consequence, effect
unique, adj; unique + n; aspect, challenge, characteristic, contribution, feature, insight, nature, opportunity, perspective, property, role
uniquely, adv; uniquely + v; determine
unit, n; adj + unit; basic, central, discrete, functional, independent, individual, intensive, larger, local, organisational, primary, separate, single, small, smaller, smallest, various
unit, n; n + unit; care, production, research
unit, n; v + unit; contain
universally, adv; universally + v; accept, apply
university, n; adj + university; large
university, n; n + university; state
university, n; university + n; campus, committee, course, degree, education, faculty, library, press, school, student
unpublished, adj; unpublished + n; study
unrealistic, adj; unrealistic + n; expectation
unrelated, adj; adv + unrelated; apparently
unresolved, adj; unresolved + n; issue, question
unstable, adj; adv + unstable; highly
unstable, adj; unstable + n; condition
unsuccessful, adj; adv + unsuccessful; largely
urban, adj; urban + n; area, centre, community, development, dweller, environment, population, setting
usage, n; adj + usage; common, current
use, n; adj + use; continued, efficient, excessive, exclusive, extensive, frequent, greater, growing, higher, illicit, inappropriate, increased, increasing, judicious, reported, widespread
use, n; n + use; drug, heroin, land, tobacco
use, n; v + use; find, make, preclude, prohibit
useful, adj; adv + useful; especially, extremely, particularly, potentially, quite
useful, adj; useful + n; addition, device, discussion, framework, guide, information, insight, life, means, measure, method, overview, point, purpose, review, source, tool, way
useful, adj; useful + prep; for
useful, adj; v + useful; find, prove
usefulness, n; v + usefulness; evaluate, limit

user, n; adj + user; potential
user, n; n + user; drug, end
user, n; user + n; experience, group
user, n; user + v; want
user, n; v + user; allow, help
utility, n; adj + utility; expected, practical
valid, adj; adv + valid; equally, longer
valid, adj; valid + n; consent, inference, method
valuable, adj; adv + valuable; extremely, particularly, potentially
valuable, adj; valuable + n; addition, contribution, data, information, insight, means, source, tool
value, n; adj + value; absolute, actual, added, aesthetic, annual, average, considerable, critical, cultural, different, estimated, expected, extreme, fixed, given, greater, greatest, high, higher, inherent, intrinsic, limited, little, low, lower, lowest, maximum, mean, median, minimum, monetary, moral, negative, numerical, overall, perceived, positive, practical, predictive, raw, real, relative, total
value, n; n + value; alpha, core, face, market
value, n; v + value; add, assign, determine, emphasise, enhance, estimate, exceed, lower, recognise, represent, yield
value, n; value + v; depend, differ, equal, exceed, indicate, lie, vary
value, v; adv + value; highly
variable, adj; adv + variable; highly
variant, n; adj + variant; different
variation, n; adj + variation; considerable, great, individual, large, little, local, minor, regional, seasonal, significant, small, wide
variation, n; n + variation; regional
variation, n; v + variation; examine, explain
variation, n; variation + prep; in
variation, n; variation + v; affect, exist, indicate, occur, reflect
variety, n; adj + variety; great, greater, large, rich, wide, wider
variety, n; v + variety; cover, demonstrate, encompass, include, offer, produce, reflect, use
variety, n; variety + prep; of
variety, n; variety + v; exist
various, adj; various + n; activity, approach, area, aspect, author, body, category, characteristic, combination, component, condition, degree, department, device, dimension, direction, discipline, domain, element, factor, feature, field, form, function, group, institution, issue, kind, level, location, means, measure, method, mode, model, part, point, possibility, programme, reason, region, scheme, situation, source, stage, strategy, task, technique, tool, type, unit, way
variously, adv; variously + v; describe
vary, v; adv + vary; considerably, enormously, greatly, markedly, obviously, significantly, substantially, systematically
vary, v; vary + prep; from
varying, adj; varying + n; amount, degree, level, period, size
vertical, adj; vertical + n; axis, structure

vessel, n; n + vessel; blood
vested, adj; vested + n; interest
viability, n; adj + viability; economic
viable, adj; viable + n; alternative, option, solution
virtual, adj; virtual + n; absence, environment
virtue, n; virtue + prep; of
visible, adj; adv + visible; clearly, highly
vision, n; adj + vision; normal, peripheral
visual, adj; visual + n; acuity, aid, angle, attention, cue, display, field, image, impairment, information, inspection, pattern, perception, processing, representation, stimulus, system, task
vital, adj; vital + n; area, element, factor, importance, information, part, role
vitaly, adv; vitally + adj; important
volume, n; adj + volume; overall, sheer
volume, n; v + volume; reduce
voluntary, adj; voluntary + n; action, basis, body, control, organisation, sector
vulnerability, n; v + vulnerability; increase
warrant, v; adv + warrant; clearly
warrant, v; warrant + n; attention, consideration, investigation
waste, n; waste + n; product
weakness, n; adj + weakness; main, potential
weakness, n; v + weakness; identify
weight, v; adv + weight; heavily
well-being, n; adj + well-being; emotional, physical
well-being, n; v + well-being; promote
well-designed, adj; well-designed + n; study
western, adj; western + n; country, medicine, nation, society, state, world
widely, adv; widely + adj; available
widely, adv; widely + v; accept, acknowledge, adopt, apply, differ, discuss, disperse, distribute, employ, know, perceive, recognise, regard, report, share, spread, use, vary
widespread, adj; widespread + n; acceptance, adoption, belief, recognition, use
willingness, n; v + willingness; express, indicate
working, n; adj + working; inner
working, n; working + n; condition, group, memory, party
yield, v; yield + n; estimate, finding, information, insight, result, score, solution, value

Part II: Results of cross-source comparison of collocations of three most frequent node words in three major parts of speech

Note: To make it easier for the reader to see the difference between the collocations on our list and those in the other resources, we have used the following markings: (1) those that appear only on our and/or Ackermann and Chen's list of academic English (i.e., not in the collocation dictionaries of general English) are highlighted in bold, and (2) those bolded ones that are on Ackermann and Chen's (2013) but not on ours are further differentiated by italics and those bolded ones on our list but not on Ackermann and Chen's are further marked by an underline.

Collocations of noun headwords (*study, group, system*)

Collocations of <i>study</i>					
	OCD	LTP	BBI	Ackermann & Chen	Our AECL
<i>Adj</i> <i>+study</i>	academic, anthropological, business, careful, case, close, comparative, comprehensive, definitive, detailed, earlier, empirical, experimental, feasibility, field, full-time, further, graduate, historical, independent, initial, intensive, language, literary, major, management, new, part-time, pilot, postgraduate, preliminary, present, previous, private, recent, religious, scientific, serious, sociological, systematic, theoretical, women's	academic, ambitious, careful, classic, clear, close, comprehensive, (in)conclusive, conscientious, constant, continuous, deep, definitive, detailed, diligent, elegant, excellent, exhaustive, experimental, exploratory, famous, fascinating, flawed, groundbreaking, hard, in-depth, initial, intensive, laborious, lengthy, methodical, meticulous, ongoing, original, painstaking, patient, penetrating, perceptive, pioneering, preliminary, profound, prolonged, regular, rigorous, scientific, searching, serious, sophisticated, straightforward, successful, systematic, thorough, thoughtful, useful, valuable, vast, well-balanced	advanced, Black, business, careful, case, classic, classical, computer, definitive, detailed, empirical, epidemiological, exhaustive, experimental, feasibility, follow-up, further, graduate, in-depth, intensive, liberal, media, peace, pilot, postgraduate, research, rigorous, scientific, social, statistical, supervised, thorough, time-and-motion, undergraduate, war, women's	academic, classic, comparative, detailed, earlier, <i>early</i> , empirical, further, future , historical, intensive, longitudinal , previous, qualitative , quantitative , recent, seminal , subsequent , systematic , theoretical	additional , analytic , careful, classic, comparative, comprehensive, cultural , current , descriptive , detailed, earliest , empirical, epidemiological, existing , experimental, exploratory, extensive , fewer , following , future , historical, intensive, larger , longitudinal , numerous , pioneering , preliminary, present, previous, prior , prospective , published , qualitative , quantitative , recent, rigorous, scientific, structural , subsequent , systematic , theoretical, unpublished

<i>V+study</i>	carry out, commission, complete, conduct, continue, do, finish, fund, lecture in, make, publish, pursue, resume, return to, support, take up, teach, undertake, work on	apply oneself to, be engaged in, carry out, come up with, commission, complete, conduct, conduct, devote oneself to, do, embark on, get down to, make, produce, publish, require, submit, take up, undertake, work on	begin, complete, conduct, do, finish, make, pursue, take up	conduct, <i>perform</i> , <i>review</i>	conduct, <u>deserve</u> , <u>replicate</u> , undertake
<i>N+study</i>	course, programme (also included in adjective+ <i>study</i>)	/	(included in adjective+ <i>study</i>)	pilot	case, pilot
<i>study+N</i>	group, leave, skills	/	/	/	<u>area</u> , <u>period</u>
<i>study+V</i>	aim at/to, attempt to, be aimed at, be based on, be designed to, compare, concern, conclude, cover, deal with, demonstrate, examine, find, focus on, highlight, identify, indicate, investigate, look at, provide, report, reveal, say, set out to, show, suggest, take place, warn	/	/	/	<u>address</u> , aim, <u>concentrate</u> , conclude, <u>confirm</u> , <u>contribute</u> , demonstrate, examine, <u>explore</u> , <u>fail</u> , find, focus, highlight, indicate, investigate, provide, report, reveal, show, suggest, <u>utilize</u>

Collocations of group

	OCD	LTP	BBI	Ackermann & Chen	Our list
<i>Adj + group</i>	action, age, big, blood, coherent, cohesive, cultural, discussion, ethnic, family, large, minority, peer, pop, pressure, racial, rock, select, self-help, small, splinter, theatre, tight, tightly-knit, wide	autonomous, basic, blood, breakaway, broad, characteristic, close, close-knit, compact, definite, different, distinct, elite, ethnic, heterogeneous, homogeneous, important, independent, influential, large, loose, militant, minority, motley, narrow, peer, pressure, primary, prominent, prosperous, representative, select, self-help, separate, shadowy, similar, sizeable, special, splinter, tightly-knit, typical, uniform, various, well-defined, wide	affinity, age, blood, control, discussion, encounter, ethnic, family, focus, ginger, minority, peer, pop, pressure, rock, self-help, social, special-interest, splinter, therapy, working	distinct, diverse , dominant , ethnic, homogeneous, powerful , racial, religious , vulnerable	active , certain , control, cooperative , defined , different, disadvantaged , distinct, diverse , dominant , ethnic, experimental , former , heterogeneous, homogeneous, larger , largest , latter , lower , occupational , oldest , particular , professional , racial, remaining , respective , small, smaller , social, special, specific , various, wider , working, younger
<i>V+ group</i>	form, found, set up, start, divide ... into, manage, run, become a member of, join, leave	arrange ... in, assign ... to, belong to, break away from, classify ... into, constitute, differentiate between, disband, distinguish, establish, fall into, form, gather, join, segregate ... into, set up, start up	/	/	comprise , join
<i>N+ group</i>	(included in adjective+study)	/	(included in adjective+study)	minority	age , comparison , control , cooperative , focus , income , interest , minority , peer , pressure , target , treatment , user , working
<i>group +N</i>	member	/	/	/	difference , discussion , interaction , interview , means , meeting , member , membership , session , size
<i>group +V</i>	form, split	/	/	/	comprise , consist , differ , exhibit , find , receive

Collocations of *system*

	OCD	LTP	BBi	Ackermann & Chen	Our list
<i>Adj + system</i>	accounting, ad hoc, administrative, advanced, agricultural, air-conditioning, alarm, audio, auditory, authoritarian, back-up, banking, bankrupt, belief, benefit, bureaucratic, capitalist, care, caste, centralized, circulatory, classification, classificatory, closed, coherent, commercial, communication, communist, compatible, complex, complicated, comprehensive, computer, computer, computer-based, corrupt, court, cultural, current, database, decentralized, digestive, disciplinary, economic, educational, effective, efficient, elaborate, electoral, electronic, electronic mail, equitable, examination, exhaust, existing, fair, filing, flexible, foolproof, grammatical, health, health care, heating, hierarchical, immune, imperfect, incompatible, inefficient, information, interactive, intricate, judicial, justice, language, legal, life-support, local government, management,	absurd, accounting, advanced, anachronistic, analogous, antiquated, archaic, authoritarian, automatic, awkward, back-up, balanced, bureaucratic, Byzantine, decentralised, closed, clumsy, coherent, compact, complex, complicated, comprehensive, computer, computerised, confusing, controversial, coordinated, costly, cumbersome, disastrous, effective, inefficient, elaborate, enlightened, equitable, evil, excellent, existing, expensive, extensive, fair, flexible, foolproof, healthy, humane, independent, inequitable, ingenious, iniquitous, intimidating, intricate, latest, makeshift, ultra-modern, monolithic, normal, obsolete, old-fashioned, oppressive, unorthodox, outdated, out-of-date, over-regulated, imperfect, permanent, pernicious, piecemeal, political, poor, popular, powerful, questionable, unreliable, repressive, repugnant, rigid,	air-conditioning, amplifying, authoritarian, banking, belief, binary, brake, buddy, capitalist, cardiovascular, caste, central, circulatory, class, communications, communist, data-processing, decimal, democratic, digestive, disk-operating, drainage, early-warning, economic, ecosystem, educational, educational, electoral, excretory, filing, genito-urinary, government, governmental, guidance, health-care, heating, hierarchical, high-pressure, highway, honor, immune, intercommunication, judicial, judicial, legal, life-support, low-pressure, merit, metric, monetary, monetary, motorway, mountain, multiparty, muscular, nervous, number, oneparty, operating, patronage, philosophical, political, postal, public-address, quota, rail, railroad, railway, reproductive, respiratory, river, road, school, seniority, sewage, skeletal, social, socialist, software, solar, spoils, sprinkler, steering, stereo, subway, taxonomic, ternary, totalitarian, touch, transit, transport, transportation, tube, two-party,	binary, capitalist, complex, comprehensive, dynamic , economic, educational, integrated , legal, solar	automated , autonomic, central, centralised, closed, complex, complicated, comprehensive, computerised, conventional , current, developed , dual , dynamic , economic, efficient, elaborate, electronic, entire , established , existing, expert , extensive, financial , fixed , flexible, formal , given , global , hierarchical, immune, integrated , international , larger , modern, modular , national, natural , nervous, new , open, operating, proposed , regulatory , scoring , sensory, separate , single, social, sophisticated, stable, traditional, visual, working

	manual, market, mechanical, modern, monetary, multi-party, national, nervous, old- fashioned, online, open, operating, operational, oppressive, outdated, parallel, parliamentary, PC, penal, perfect, phone, plumbing, political, powerful, prison, processing, public address, rail, railway, recognition, repressive, reproductive, respiratory, retrieval, rigid, river, road, road, satellite, school, security, sensory, server, simple, social, social insurance, social security, software, sophisticated, sophisticated, sound, sprinkler, stable, standard, state, stereo, subway, support, tax, taxation, telephone, traditional, transport, two-party, two-tier, unique, university, unjust, value, ventilation, viable, visual, voting, warning, wasteful, welfare, workable	simple, smooth-running, sophisticated, sound, special, specific, unstable, standard, straightforward, support, tailor- made, temporary, top-heavy, traditional, two-tier, unique, unwieldy, up-to-date, usual, valid, viable, vulnerable, widespread, workable	underground, value, writing		
V+ system	abandon, adapt, adopt, advocate, apply, be part of, beat, blame, boot up, buck, build, bypass, change, clog up, create, criticize, defend, design, destabilize, destroy, develop, devise, dismantle, disrupt, do away with, fight, implement, improve, install, introduce, join, launch, manage, manipulate,	abandon, abolish, adapt, adopt, advocate, alter, apply, back, beat, be part of, break, build, bypass, change, clog , constitute, construct, control, create, defend, destroy, devise, dislocate, disrupt, do away with, employ, establish, exploit, follow, give up, improve, improvise, install, institute,	beat, boot up, buck, bypass, create, develop, reboot, replace, overthrow	/	adopt, build, develop, devise, <u>enter</u> , run

	modernize, operate, organize, overhaul, overthrow, perfect, perpetuate, play, rebel against, reboot, refine, reform, reorganize, replace, restore, run, scrap, set up, simplify, streamline, strengthen, support, tinker with, transform, undermine, use, weaken	introduce, invent, keep to, make use of, manage, manipulate, monitor, operate, organise, overhaul, overthrow, patch up, perfect, perpetuate, produce, provide, rebel against, reform, reinforce, replace, restore, restructure, run, scrap, set up, slip through, smash, streamline, support, switch over to, tailor to fit, tinker with, transform, undermine, upset, use, weaken, work out, wreck		
<i>N+</i> <i>system</i>	(included in adjective+ <i>study</i>)	/	(included in adjective+ <i>study</i>)	transport <u>care</u> , <u>classification</u> , <u>communication</u> , computer, <u>control</u> , <u>data</u> , <u>database</u> , <u>defence</u> , <u>delivery</u> , <u>education</u> , <u>expert</u> , <u>information</u> , <u>justice</u> , management, <u>nervous</u> , <u>operating</u> , <u>processing</u> , <u>production</u> , <u>reward</u> , <u>river</u> , <u>satellite</u> , <u>scoring</u> , <u>security</u> , <u>software</u> , <u>trading</u> , transport, <u>transportation</u>
<i>system</i> <i>+N</i>	software	/	/	/
<i>system</i> <i>+V</i>	allow, be aimed at, be based on, be geared to, be in operation, be operational, break down, collapse, crash, enable, exist, fail, function, go down, offer, operate, provide, rest on, run, work	/	break down, fail, permit, succeed, work	/
				allow, <u>comprise</u> , <u>consist</u> , fail, operate, <u>reply</u>

Collocations of verb headwords (*provide, suggest, require*)

Collocations of <i>provide</i>				
OCD	LTP	BBI	Ackermann & Chen	Our list
<i>provide</i> +N	/ access, accommodation, account, aid, alibi, amenities, answer, assistance, basis, bibliography, capital, care, clue, comfort, conditions, connection, course, description, detail, display, education, electricity, employment, encouragement, enjoyment, entertainment, environment, estimate, evidence, example, excuse, experience, explanation, facilities, finance, foundation, framework, funds, guarantee, guidance, guide, guideline, help, home, illustration, incentive, indication, inducement, information, inspiration, instance, insurance, machinery, material, money, necessities, outline, perspective, portrait, protection, range, reason, recommendation, record, reference, refuge, relief, remedy, safety, scope, security, service, sign, solution, source, staff, standard of living, stimulus, subsidy, substitute, summary, supplies, support, system, training, treatment, variety, yield	/(only sentence patterns were given)	access, alternative , assistance, benefit , care, clue, context , coverage , data , evidence, example, explanation, feedback , focus , foundation, guidance, illustration, indication, information, insight , material, opportunity , overview , resource , service, source, summary, support	access, accommodation, account, advantage , advice , alternative , answer, assessment , assistance, assurance , avenue , background , barrier , baseline , basis, benefit , by prep , care, characterisation , clue, comparison , confirmation , consent , context , coverage , data , defence , definition , description, detail, environment, estimate, evidence, example, explanation, facility , feedback , fit , flexibility , food , foundation, framework, glimpse , ground , guidance, guide, guideline, hint , illustration, impetus , incentive, indication, information, input , insight , instruction , introduction , justification , link , list , material, means , measure , mechanism , motivation , opportunity , overview , perspective, picture , platform , proof , protection, rationale , reader , recommendation, relief, reminder , representation , resource , review , route , scope, security, service, snapshot , solution, source, stability , statistic , stimulus, suggestion , summary, support, tool , training, understanding , vehicle , wealth , window
<i>Adv+ provide</i>	kindly, free of charge adequately, comfortably, generously, properly	/	/	accordingly , additionally , consequently , finally , nonetheless , undoubtedly
<i>N+ provide</i>	/	/	/	article , author , combination , data , finding , scheme , section , study , table , theory

Collocations of *suggest*

	OCD	LTP	BBI	Ackermann & Chen	Our list
<i>suggest+N</i>	existence	/	/	/	existence, <u>link</u> , <u>possibility</u> , <u>role</u>
<i>Adv+ suggest</i>	helpfully, respectfully, strongly, tactfully, tentatively	diffidently, hesitantly, in good faith, obliquely, politely, repeatedly, wearily, seriously, strongly, tentatively	/ (only sentence patterns were given)	strongly	<u>additionally</u> , <u>alternatively</u> , <u>certainly</u> , <u>finally</u> , <u>interestingly</u> , <u>previously</u> , <u>recently</u> , <u>similarly</u> , strongly
<i>N+ suggest</i>	/	/	/	/	<u>analysis</u> , <u>author</u> , <u>comparison</u> , <u>data</u> , <u>estimate</u> , <u>finding</u> , <u>hypothesis</u> , <u>lack</u> , <u>literature</u> , <u>observation</u> , <u>pattern</u> , <u>research</u> , <u>result</u> , <u>review</u> , <u>study</u> , <u>survey</u> , <u>theory</u>

Collocations of *require*

	OCD	LTP	BBI	Ackermann & Chen	Our list
<i>require +N</i>	/	answer, attention, capital, caution, certificate, concentration, confirmation, consideration, deposit, effort, guarantee, indication, information, labour, proof, qualifications, receipt, scrutiny, solution, study, thought, warning, work	/(only sentence patterns were given)	consideration, knowledge , resource	<u>access</u> , <u>adjustment</u> , <u>amount</u> , <u>approval</u> , <u>assessment</u> , <u>assistance</u> , attention, <u>clarification</u> , <u>commitment</u> , <u>consent</u> , consideration, <u>cooperation</u> , <u>degree</u> , effort, <u>equipment</u> , <u>evaluation</u> , <u>examination</u> , <u>expertise</u> , <u>explanation</u> , <u>facility</u> , <u>input</u> , <u>integration</u> , <u>interpretation</u> , <u>intervention</u> , <u>investigation</u> , <u>investment</u> , knowledge, <u>manipulation</u> , <u>modification</u> , <u>monitoring</u> , <u>participation</u> , <u>planning</u> , <u>preparation</u> , <u>presence</u> , <u>processing</u> , <u>protection</u> , <u>recognition</u> , resource, <u>revision</u> , <u>skill</u> , <u>testing</u> , <u>training</u> , <u>treatment</u> , <u>understanding</u>
<i>Adv+ require</i>	urgently, reasonably	/	/	/	<u>actually</u> , <u>certainly</u> , <u>clearly</u> , <u>consequently</u> , <u>generally</u> , <u>longer</u> , <u>necessarily</u> , <u>normally</u> , <u>obviously</u> , <u>typically</u> , urgently, <u>usually</u>
<i>N+</i>	/	/	/	/	<u>act</u> , <u>application</u> , <u>complexity</u> , <u>method</u> , <u>task</u> , <u>understanding</u>

require

Collocations of adjective headwords (*important, low, cultural*)

Collocations of <i>important</i>					
	OCD	LTP	BBI	Ackermann & Chen	Our list
<i>important</i> +N	/	/	/	/	<u>advance</u> , <u>advantage</u> , <u>area</u> , <u>aspect</u> , <u>assumption</u> , <u>bearing</u> , <u>caveat</u> , <u>characteristic</u> , <u>clue</u> , <u>component</u> , <u>concept</u> , <u>consequence</u> , <u>consideration</u> , <u>constraint</u> , <u>contribution</u> , <u>contributor</u> , <u>criterion</u> , <u>decision</u> , <u>determinant</u> , <u>difference</u> , <u>dimension</u> , <u>distinction</u> , <u>element</u> , <u>exception</u> , <u>factor</u> , <u>feature</u> , <u>finding</u> , <u>function</u> , <u>gap</u> , <u>goal</u> , <u>implication</u> , <u>indicator</u> , <u>influence</u> , <u>insight</u> , <u>issue</u> , <u>lesson</u> , <u>limitation</u> , <u>means</u> , <u>mechanism</u> , <u>parameter</u> , <u>part</u> , <u>phenomenon</u> , <u>piece</u> , <u>point</u> , <u>predictor</u> , <u>question</u> , <u>reason</u> , <u>role</u> , <u>skill</u> , <u>source</u> , <u>step</u> , <u>thing</u> , <u>tool</u> , <u>topic</u> , <u>variable</u>
<i>V+</i> <i>important</i>	be, seem, become, remain, make, believe, consider, deem, regard ... as, see ... as, think	/	/	/	/
<i>Adv+</i> <i>important</i>	critically, crucially, doubly, economically, enormously, equally, especially, extremely, fairly, functionally, historically, hugely, increasingly, internationally, most, particularly, politically, quite, really, regionally, strategically, terribly, very, vitally	comparatively, crucially, extremely, overwhelmingly, particularly, relatively, supremely, vitally	vitality	<i>clearly</i> , equally, increasingly	/

Collocations of <i>low</i>						
OCD		LTP		BBI	Ackermann & Chen	Our list
<i>low</i> +N	/	budget, building, clouds, condition, consumption, cost, earnings, estimate, expectations, figure, figures, income, inflation, morale, morals, offer, output, pay, pension, price, priority, rate, rent, risk, season, speed, spirits, standard, standard of living, status, supplies, temperature, unemployment, voice, wage, wall, yield		/	income, <i>intensity</i> , level, percentage, priority, probability, profile, quality, status, turnover, unemployment	<u>correlation</u> , cost, <u>density</u> , income, level, percentage, <u>pressure</u> , price, priority, probability , <u>productivity</u> , profile, <u>rate</u> , risk, <u>score</u> , status, <u>threshold</u> , <u>value</u> , wage, <u>weight</u>
<i>V+</i> <i>low</i>	be, become, get, keep run, look, remain, seem, stay	/		<i>lie</i>	/	/
<i>Adv+</i> <i>low</i>	a bit, comparatively, extremely, fairly, quite, rather, relatively, very	/		/	relatively	comparatively, <u>consistently</u> , extremely, fairly, <u>generally</u> , quite, relatively
Collocations of <i>cultural</i>						
OCD		LTP		BBI	Ackermann & Chen	Our list
<i>cultural</i> +N	activity, aspect, background, bias, change, context, difference, dimension, diversity, force, heritage, history, identity, influence, institution, life, norm, perspective, phenomenon, practice, significance, tradition, value	background, context	activity, background, change, diversity, heritage, history, influence		activity, aspect, <i>attitudes</i> , background, <i>boundary</i> , change, context, differences, dimension, diversity, factor , heritage, history, identity, influence, institution, issue , life, norm, perspective, phenomenon, practice, significance, <i>theory</i> , tradition, values	aspect, background, <u>belief</u> , bias change, context, <u>development</u> , difference, diversity, factor , force, institution, issue , <u>knowledge</u> , <u>pattern</u> , practice, <u>study</u> , value
<i>V+cultural</i>	/	/	/		/	/
<i>Adv+cultural</i>	/	/	/		/	/