

4. Framework-oriented approach

4.1. Semantic profiles of the most frequent nouns and verbs

4.1.1 Definitions of the semantic categories used

In the quantitative analysis below, only the superordinate categories will be considered. The subcategories and sub-subcategories are intended to show the range of aspects covered by classes and to allow a more distinguished presentation of the data (see below).

- **General:** fundamental to the human conceptualization of the world,¹ covering the following subcategories:
 - **Entities:** individual beings, covering the following subclasses:
 - **Persons:** humans, e.g. *person, humans*.
 - **Objects:** non-human, inanimate things or unspecified beings, e.g. *entity, thing, object*.
 - **Existence:** being and not being (there), e.g. *life, existence, absence*.
 - **Events:** general processes, actions and agents, e.g. *behaviour, action, agent*.
 - **Place:** location and space, e.g. *area, direction*, including the following subclass:
 - **Movement:** changing or keeping one's position, e.g. *leave, come, sit*.
 - **Time:** points in time, duration, age, frequency, sequence, etc., e.g. *century, age, follow*, including the following subclass:
 - **Phase & change:** starting, ending, continuing, and changing, e.g. *start, end, change*.
 - **Possession:** owning, obtaining and losing, e.g. *possess, property*.
- **Religion & theology:** religion and religious world views, e.g. *metaphysics, Christianity*.

¹ In full, the definitions of the categories should always start with *concepts concerned with or related to*.

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- **Science & natural history:** particular scientific disciplines, covering the following subcategories:
 - **Chemistry:** e.g. *acid, CO₂*.
 - **Geology:** e.g. *rock, sediment, sea*.
 - **Physics:** e.g. *pressure, energy, force, radiation*.
 - **Biology:** covering the following subcategories:
 - **Species (animals, plants & other organisms):** e.g. *bacteria, bird, rose*.
 - **Body components:** organs and tissues, e.g. *heart, blood, gall bladder*.
 - **Body components (microlevel):** cytological components, e.g. *chromosome, gene*.
- **Medicine & healthcare:** covering the following subcategories:
 - **Pathologies:** diseases and other pathological conditions, e.g. *illness, hurt*.
 - **Medical practices:** diagnosis and therapy and instruments used in these, e.g. *diagnose, treatment, x-ray*.
 - **Healthcare:** healthcare institutions and personnel and processes and relations typically confined to the former (and not covered by “Medical practices”), e.g. *doctor, ward, referral*
- **Scientific practice & metatheory:** all aspects relevant to practicing science, viewed from a meta-position, covering the following subcategories.
 - **Heuristics:** processes involved in trying to solve a problem, including trying and success/failure, searching and finding, applying and using, and the cases in or to which they are applied.
 - **Metatheory:** further aspects relevant in the abstract conception of science and its practices, e.g. *theory, basis, assumption*.
 - **Disciplines:** science in general and scientific disciplines, e.g. *science, biology, mathematics*.
 - **Institution:** scientific/academic institutions and personnel, e.g. *teacher, university, colleague*.
 - **Specific metatheory (evolution):** specific to the (discussion of the) theory of evolution, e.g. *evolution, Darwinist, selection*.

- **Specific metatheory (Intelligent Design):** specific to the (discussion of the) theory of Intelligent Design, e.g. *design, designer, creationist*.
- **Categorization:** processes, products and principles of categorization and comparison, covering the following subcategories:
 - **Categories:** categories and classes used in categorization and/or which are the result of categorization, e.g. *class, correspond*.
 - **Membership:** exemplification and instantiation, e.g. *example, member*.
 - **Biological taxonomies:** categories used in biological classifications and chronologies, e.g. *species, precursor, generation*.
 - **Assemblage:** groups and collectives, e.g. *group, row, column*.
 - **Part & whole:** elements and relations of componentiality, e.g. *part, complexity, compose*.
 - **Relation:** relations, links and connections and concepts implying these, e.g. *relationship, bond, system*.
 - **Comparison & features:** relations of similarity and difference and the attributes they are based on, e.g. *difference, sameness, attribute*.
- **Causality:** causal relations and elements in such relations and processes and scenarios involving or implying causality, e.g. *cause, effect, lead to, circumstances*, including the following subcategory:
 - **Creation:** process of producing something material or immaterial, e.g. *create, make*.
- **Epistemology:** features of truth and probability and processes implying these, e.g. *true, right, evidence, prove*.
- **Quantity:** numbers, amounts, measurements and quantitative relations, e.g. *figure, range, level*, including the following subcategories:
 - **Measurement:** covering the following subclasses:
 - **Domains:** domain that is measured, e.g. *size, height, temperature, weight*.
 - **Units of measurement:** units in which the domain is measured, e.g. *degree, milligram, centimetre*.

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- **Units of temporal measurement:** units in which the domain of time is measured, e.g. *day, week*.
- **Quantitative change:** changes in number or amount, *remains, raise, decrease*.
- **Mathematics:** mathematical processes and relations, e.g. *calculation, subtract*.
- **Evaluation:** value judgement or assessment implying value judgement, e.g. *value, judge, assessment, risk*.
- **Visual:** visually perceptible attributes, covering the following subcategory:
 - **Shape:** e.g. *form, shape*.
- **Mental:** aspects related to the mind, covering the following subcategories:
 - **Cognition:** knowing and thinking, e.g. *believe, knowledge*.
 - **Emotion & desire:** feelings and needs, e.g. *fear, joy, need*.
 - **Perception:** active and passive perception, e.g. *see, listen*.
- **Social:** society, culture, social groups and relationships, e.g. *society, public, acquaintance*.
- **Communication:** processes, products and media of communication, e.g. *text, say, information*, also including the following subcategory:
 - **Argumentation & debate:** argumentations, explanations, discussions, e.g. *argue, explanation, reject*.

4.1.2 Data

General

Entities:

Persons: *people* (363); *man* (259); *person* (229); *being* (152); *self* (121); *child* (110); *individual* (79); *woman* (77)

Objects: *thing* (539); *entity* (102)

Existence: *life* (1,379); *existence* (202); *survival* (121); *absence* (104); *formation* (82); *emergence* (71); *presence* (70); *lack* (63); *death* (57); *present* (55)

Events: *process* (700); *event* (437); *agent* (185); *action* (174); *activity* (106); *agency* (95); *behavior* (81)

Place: *place* (280); *side* (230); *position* (225); *space* (210); *ground* (141); *area* (129); *direction* (113); *site* (112); *region* (100); *room* (81); *wall* (79); *surface* (74); *center* (61)

Movement & position: *motion* (81); *transport* (64); *movement* (63)
Time: *time* (979); *history* (261); *century* (176); *period* (107); *age* (87); *past* (77); *decade* (65); *future* (55)
Phase & change: *change* (583); *end* (191); *modification* (143); *beginning* (74); *turn* (70)

Religion & theology

religion (166); *faith* (103); *miracle* (91);

Science & natural history

Chemistry: *protein* (1,218); *acid* (790); *amino* (677); *DNA* (492); *earth* (312); *RNA* (284); *enzyme* (280); *chemical* (280); *water* (263); *oxygen* (197); *antibody* (150); *hydrogen* (144); *peptide* (114); *hormone* (113); *ATP* (107); *insulin* (104); *carbon* (88); *concentration* (77); *adenine* (77); *AMP* [= adenosinmonophosphate] (60)

Geology: *world* (646); *universe* (475); *primordial soup* (173); *atmosphere* (91); *rock* (75); *air* (75); *planet* (65)

Physics: *molecule* (506); *matter* (300); *energy* (295); *power* (229); *force* (199); *atom* (195); *entropy* (144); *electron* (93); *light* (92); *quantum* (80); *mechanics* (67)

Biology: *nature* (809)

Species (animals, plants & other organisms): *fossil* (516); *animal* (392); *human* (254); *bird* (236); *tree* (231); *bacterium* (209); *moth* (150); *finch* (122); *mammal* (120); *plant* (98); *monkey* (90); *Archaeopteryx* (85); *fish* (79); *dinosaur* (74); *fly* (70); *reptile* (64); *whale* (63); *fruit* (63);² *mouse* (55)

Body components: *organism* (550); *body* (364); *eye* (340); *blood* (312); *hand* (271); *embryo* (200); *brain* (189); *flagellum* (152); *muscle* (148); *head* (148); *bone* (144); *organ* (121); *membrane* (121); *heart* (121); *skin* (104); *cilium* (95); *foot* (83); *wing* (81); *sperm* (80); *egg* (74); *face* (72); *tissue* (71); *ear* (69); *nose* (67); *tail* (66); *back* (61); *gland* (60); *kidney* (59); *nerve* (55); *beak* (54)

Body components (microlevel): *cell* (1,187); *gene* (534); *mutation* (391); *code* (178); *nucleotide* (102); *genome* (65); *receptor* (56)

Medicine & healthcare

Pathologies: *disease* (78); *pain* (63)

Scientific practice & metatheory

Heuristics: *way* (775); *experiment* (285); *research* (221); *pathway* (213); *record* (211); *object* (188); *method* (175); *study* (146); *approach* (142); *target* (139); *resources* (117); *observation* (115); *technique* (109); *analysis* (107); *means* (101); *researcher* (100); *discovery* (97); *use* (94); *subject* (93); *attempt* (90); *task* (87); *search* (82); *course* (79); *test* (77); *tool* (76); *success* (76); *requirement* (75); *effort* (70); *inquiry* (69); *measure* (65); *goal* (65); *progress* (62); *practice* (62); *laboratory* (62); *control* (61); *try* (59); *technology* (58); *investigation* (57); *insight* (57)
problem (636); *question* (629); *case* (546); *issue* (154)

Metatheory: *theory* (1,903); *law* (627); *idea* (444); *hypothesis* (355); *principle* (290); *model* (243); *criterion* (238); *data* (209); *concept* (163); *assumption* (159); *basis* (156); *logic* (139); *phenomenon* (136); *rule* (132); *theorist* (125); *definition* (119); *conception* (74); *doctrine* (73); *notion* (68); *paradigm* (62); *foundation* (61)

² Often in combination with *fly*, i.e. *fruit fly*.

Disciplines: *science* (1,513); *scientist* (749); *biology* (586); *biologist* (454); *physics* (186); *philosophy* (156); *field* (139); *theology* (138); *philosopher* (126); *paleontologist* (106); *biochemistry* (94); *chemistry* (86); *discipline* (70); *theologian* (68); *physicist* (66); *proponent* (63)

Institution: *student* (186); *program* (160); *school* (155); *university* (144); *academy* (88); *professor* (75); *colleague* (70); *education* (66); *grant* (56)

Specific metatheory (evolution): *evolution* (1,934); *selection* (833); *Darwinism* (646); *Darwinist* (317); *naturalism* (261); *evolutionist* (112); *naturalist* (98); *(big) bang* (73); *Neo-Darwinism* (55)

Specific metatheory (Intelligent Design): *creationist* (146); *creature* (103); *creationism* (84);

Categorization

Categories: *pattern* (339); *kind* (224); *type* (201); *class* (159); *sort* (75); *strand* (58); *branch* (57); *category* (56)

Membership: *example* (356); *instance* (81); *member* (80); *element* (76); *icon* (60)

Biological taxonomies: *species* (662); *origin* (634); *sequence* (509); *step* (352); *ancestor* (294); *descent* (215); *order* (194); *stage* (180); *line* (164); *generation* (137); *population* (135); *series* (94); *ancestry* (82); *character* (78); *parent* (67); *family* (66); *intermediates* (63); *precursor* (62); *offspring* (56)

Assemblage: *group* (323); *chain* (253); *combination* (212); *set* (146); *arrangement* (70); *column* (67); *row* (54)

Part & whole: *complexity* (1,006); *structure* (508); *part* (476); *component* (210); *detail* (176); *piece* (148); *aspect* (101); *section* (69); *building block* (64); *content* (63); *segment* (57); *complex* (56)

Relation: *system* (1,379); *relationship* (129); *bond* (114); *link* (69); *interaction* (55)

Comparison & features: *feature* (279); *variation* (192); *property* (182); *difference* (182); *similarity* (126); *variety* (113); *specification* (106); *analogy* (99); *contrast* (96); *replication* (95); *homology* (92); *characteristic* (90); *adaptation* (85); *diversity* (81); *comparison* (72); *distinction* (72); *alternative* (69); *standard* (68); *fitness* (65); *copy* (61); *demarcation* (58); *distribution* (55)

Causality

design (2,352); *mechanism* (637); *function* (462); *cause* (390); *reason* (379); *result* (371); *designer* (357); *creation* (233); *purpose* (231); *development* (215); *factor* (213); *reaction* (211); *effect* (209); *condition* (196); *role* (183); *source* (144); *product* (136); *outcome* (116); *environment* (114); *solution* (111); *scenario* (109); *implication* (91); *production* (89); *reasoning* (89); *causality* (82); *consequence* (81); *creator* (76); *designing* (64); *circumstances* (62); *situation* (61); *causation* (59)

Epistemology

evidence (1,115); *fact* (771); *chance* (590); *probability* (375); *possibility* (293); *coin* (180);³ *truth* (166); *reality* (155); *necessity* (136); *odds* (127); *right* (79); *proof* (75)

³ The coin is exclusively used in connection with tossing the coin as the prototypical event for explaining mathematical probability so that in the context of ID it functions as a symbol of this concept rather than as monetary unit.

Quantity
<i>number</i> (568); <i>figure</i> (342); <i>bit</i> (319); <i>level</i> (254); <i>rate</i> (78); <i>range</i> (56)
Measurement:
Domains: <i>amount</i> (132); <i>size</i> (119); <i>temperature</i> (60)
Units: <i>degree</i> (118); <i>percent</i> (113)
Temporal units: <i>year</i> (598); <i>day</i> (261); <i>second</i> (76); <i>hour</i> (72); <i>week</i> (57); <i>minute</i> (54)
Quantitative change: <i>rest</i> (79); <i>growth</i> (70)
Mathematics: <i>calculation</i> (88)
Evaluation
<i>ability</i> (138); <i>difficulty</i> (132); <i>value</i> (113); <i>advantage</i> (99); <i>status</i> (79); <i>failure</i> (65); <i>error</i> (64)
Visual
Shape: <i>form</i> (551); <i>shape</i> (184)
Mental
Cognition: <i>knowledge</i> (557); <i>intelligence</i> (384); <i>view</i> (321); <i>mind</i> (177); <i>conclusion</i> (162); <i>belief</i> (150); <i>understanding</i> (121); <i>thought</i> (84); <i>ignorance</i> (73); <i>attention</i> (63); <i>interest</i> (62)
Emotion: <i>need</i> (136); <i>desire</i> (75)
Perception: <i>experience</i> (112); <i>vision</i> (77); <i>sound</i> (73);
Social
<i>community</i> (128); <i>establishment</i> (90); <i>public</i> (84); <i>culture</i> (64); <i>society</i> (54)
Communication
<i>information</i> (899); <i>book</i> (528); <i>word</i> (401); <i>chapter</i> (399); <i>sense</i> (269); <i>letter</i> (219); <i>story</i> (202); <i>textbook</i> (196); <i>message</i> (156); <i>journal</i> (141); <i>article</i> (139); <i>literature</i> (119); <i>author</i> (114); <i>reader</i> (103); <i>signal</i> (102); <i>sentence</i> (97); <i>text</i> (95); <i>reference</i> (94); <i>review</i> (91); <i>statement</i> (90); <i>name</i> (85); <i>page</i> (74); <i>language</i> (72); <i>essay</i> (71); <i>meaning</i> (66); <i>expression</i> (54)
Argumentation & debate: <i>explanation</i> (579); <i>argument</i> (500); <i>point</i> (412); <i>inference</i> (230); <i>critic</i> (174); <i>claim</i> (162); <i>term</i> (157); <i>answer</i> (142); <i>account</i> (128); <i>criticism</i> (119); <i>debate</i> (89); <i>discussion</i> (89); <i>challenge</i> (86); <i>doubt</i> (80); <i>controversy</i> (66); <i>rejection</i> (65); <i>consideration</i> (62); <i>objection</i> (60); <i>defense</i> (58); <i>skepticism</i> (54)
Unclassified
<i>work</i> (665); <i>material</i> (338); <i>machine</i> (255); <i>paper</i> (239); <i>door</i> (215); <i>state</i> (206); <i>computer</i> (176); <i>synthesis</i> (169); <i>base</i> (156); <i>food</i> (140); <i>picture</i> (120); <i>support</i> (109); <i>table</i> (100); <i>appearance</i> (95); <i>drawing</i> (90); <i>filter</i> (85); <i>watch</i> (84); <i>car</i> (77); <i>motor</i> (72); <i>gap</i> (70); <i>war</i> (63); <i>job</i> (63); <i>gift</i> (61); <i>mousetrap</i> (59); <i>black box</i> (55); <i>resistance</i> (54)

Table 1: Semantic profile of the 500 most frequent nouns in the ID corpus.

General
Entities:
Persons: <i>child</i> (1,422); <i>man</i> (1,251); <i>woman</i> (1,219); <i>people</i> (1,027); <i>adult</i> (588); <i>male</i> (445); <i>infant</i> (428); <i>individual</i> (314); <i>worker</i> (308); <i>female</i> (256)
Existence: <i>presence</i> (1,207); <i>death</i> (1,005); <i>life</i> (747); <i>absence</i> (694); <i>formation</i> (660); <i>survival</i> (452); <i>birth</i> (414); <i>lack</i> (325); <i>recurrence</i> (311)

Events: *activity* (2,021); *process* (1,006); *behaviour* (742); *incidence* (696); *event* (571); *agent* (529); *action* (438)

Place: *area* (2,232); *region* (1,851); *site* (1,579); *surface* (1,514); *side* (722); *position* (675); *place* (574); *centre* (566); *space* (476); *north* (464); *country* (431); *distance* (422); *south* (389); *base* (375); *direction* (353); *zone* (349); *wall* (342); *edge* (282); *ground* (268)

Movement & position: *movement* (480); *transition* (443); *motion* (379); *motility* (314); *transit* (266)

Time: *time* (3,650); *age* (1,915); *period* (1,523); *history* (624); *interval* (545); *follow(-)* *up* (528); *duration* (454)

Phase & change: *change* (2,207); *end* (740); *phase* (685)

Science & natural history

Chemistry: *acid* (2,748); *concentration* (2,588); *DNA* (2,099); *protein* (1,959); *serum* (1,205); *water* (1,147); *bile* (1,067); *antibody* (1,065); *enzyme* (672); *RNA* (616); *molecule* (599); *gastrin* (549); *polymer* (489); *gas* (478); *synthesis* (478); *absorption* (456); *insulin* (441); *calcium* (419); *mineral* (413); *glucose* (410); *alcohol* (410); *oxygen* (399); *polymerase* (381); *cholesterol* (380); *sodium* (343); *cDNA* (337); *peptide* (330); *particles* (328); *ethanol* (323); *hydrogen* (293); *amino* (284); *salt* (279); *oil* (268)

Geology: *rock* (714); *sea* (471); *sediment* (462); *air* (456); *earth* (402); *world* (336); *soil* (324)

Physics: *pressure* (1,319); *energy* (836); *wave* (761); *fluid* (579); *mass* (551); *radiation* (466); *force* (404); *electron* (403); *emission* (335); *light* (269); *ion* (260)

Biology: *nature* (442)

Species (animals, plants & other organisms): *animal* (1,331); *pylori* (1,096); *rat* (795); *plant* (704); *mouse* (560); *grain* (442); *bird* (407); *forest* (401); *tree* (385); *virus* (383); *fossil* (377); *insect* (370); *organism* (320); *larvae* (278); *bacteria* (274);

Body components: *blood* (1,328); *tissue* (1,238); *mucosa* (1,019); *body* (990); *bowel* (986); *arm* (977); *liver* (888); *gall* (849); *platelet* (798); *secretion* (766); *bladder* (650); *colon* (644); *muscle* (555); *membrane* (462); *oesophagus* (456); *brain* (437); *contraction* (428); *egg* (424); *shield* (414); *heart* (413); *spine* (382); *tentacle* (381); *disk* (368); *stomach* (345); *papillae* (335); *pore* (333); *intestine* (299); *hand* (295); *vein* (285); *organ* (281); *metabolism* (269); *shell* (264); *epithelium* (263)

Body components (microlevel): *cell* (2,363); *gene* (1,577); *plasma* (632); *antigen* (455); *receptor* (421); *chromosome* (344); *mutation* (342); *plasmid* (280)

Medicine & healthcare

Pathologies: *disease* (4,282); *health* (2,199); *cancer* (1,273); *infection* (1,267); *symptom* (1,138); *ulcer* (1,097); *tumour* (1,007); *colitis* (992); *mortality* (802); *lesion* (584); *pain* (538); *carcinoma* (468); *reflux* (462); *abnormality* (446); *syndrome* (425); *diabetes* (398); *hepatitis* (387); *disorder* (385); *diarrhoea* (380); *stricture* (311); *pancreatitis* (311); *injury* (297); *hypertension* (290); *strain* (284); *inflammation* (282); *stress* (272); *oesophagitis* (262); *illness* (261)

Medical practices: *treatment* (3,338); *care* (1,975); *drug* (1,183); *diagnosis* (926); *biopsy* (925); *diet* (744); *surgery* (658); *therapy* (525); *infusion* (360); *endoscopy*

(346); *injection* (322); *placebo* (300); *intake* (282); *screening* (281); *gastritis* (309)
Healthcare: *patient* (13,706); *hospital* (1,694); *practitioner* (908); *doctor* (745); *clinic* (524); *staff* (488); *referral* (406); *ward* (348); *consultant* (293); *nurse* (283); *bed* (266); *admission* (272)

Scientific practice & metatheory

Heuristics: *study* (5,895); *control* (2,269); *analysis* (2,029); *test* (1,732); *solution* (1,694); *sample* (1,606); *subject* (1,575); *way* (1,304); *practice* (1,286); *use* (1,280); *technique* (1,079); *method* (1,041); *finding* (1,039); *procedure* (916); *experiment* (907); *trial* (822); *research* (798); *probe* (731); *examination* (692); *management* (679); *approach* (654); *assessment* (645); *lane* (567); *observation* (529); *assay* (521); *operation* (495); *investigation* (483); *tube* (473); *laboratory* (446); *record* (421); *preparation* (419); *course* (359); *mode* (341); *resources* (335); *success* (317); *measures* (313); *application* (304); *survey* (296); *detection* (289); *means* (281); *intervention* (279); *evaluation* (279); *attempt* (271)
problem (1,663); *case* (1,621); *question* (515); *issue* (315)

Metatheory: *data* (2,112); *model* (832); *theory* (648); *index* (526); *basis* (488); *variable* (403); *criteria* (370); *principle* (330); *idea* (280); *hypothesis* (261)

Disciplines: *field* (978); *domain* (340); *medicine* (300);

Institution: *programme* (585); *student* (576); *authority* (531); *association* (479); *department* (405); *training* (350); *teaching* (346); *school* (328); *education* (315); *colleagues* (276); *committee* (268); *teacher* (264)

Categorization

Categories: *species* (2,228); *type* (1,843); *pattern* (1,124); *class* (624); *kind* (337); *category* (286)

Membership: *specimen* (1,111); *example* (706); *element* (594); *spectrum* (436); *member* (433)

Biological taxonomies: *sequence* (1,490); *population* (1,315); *line* (961); *family* (928); *stage* (894); *series* (660); *layer* (431); *parent* (370); *origin* (346); *mother* (314); *generation* (298); *order* (258)

Assemblage: *group* (3,072); *chain* (649); *band* (552); *combination* (467); *pair* (454); *set* (435)

Part & whole: *section* (1,473); *part* (1,382); *structure* (823); *component* (710); *fragment* (704); *complex* (628); *segment* (497); *detail* (481); *content* (480); *fraction* (380); *aspect* (300); *selection* (392)

Relation: *system* (1,852); *relationship* (567); *interaction* (567); *relation* (352); *junction* (281)

Comparison & features: *difference* (2,018); *feature* (793); *distribution* (771); *variation* (755); *comparison* (581); *contrast* (557); *property* (464); *boundary* (384); *standard* (378); *variety* (331); *symmetry* (319); *characteristic* (312); *character* (257)

Causality

result (3,333); *effect* (3,148); *condition* (1,511); *function* (1,406); *development* (1,215); *response* (1,190); *factor* (1,123); *product* (817); *reaction* (811); *role* (801); *mechanism* (776); *source* (771); *reason* (644); *cause* (562); *production* (519); *correlation* (503); *environment* (455); *situation* (378); *signal* (345); *outcome* (344); *sign* (329); *stimulation* (317); *consequence* (310); *output* (305); *stimulus* (256)

Epistemology

<i>evidence</i> (1,462); <i>fact</i> (651); <i>possibility</i> (328)
Quantity
<i>number</i> (2,856); <i>figure</i> (2,232); <i>rate</i> (2,167); <i>level</i> (1,870); <i>range</i> (1,402); <i>dose</i> (1,025); <i>scale</i> (651); <i>extent</i> (457); <i>prevalence</i> (441); <i>score</i> (400)
Measurement:
Domains of measurement: <i>temperature</i> (1,129); <i>size</i> (1,045); <i>frequency</i> (925); <i>weight</i> (843); <i>ratio</i> (806); <i>volume</i> (723); <i>proportion</i> (685); <i>length</i> (681); <i>grade</i> (505); <i>density</i> (474); <i>diameter</i> (401); <i>parameter</i> (391); <i>velocity</i> (344); <i>intensity</i> (265)
Units: <i>mm</i> (1,241); <i>ph</i> (793); <i>measurement</i> (792); <i>cm</i> (751); <i>ml</i> (615); <i>degree</i> (597); <i>mg</i> (575); <i>m</i> (481); <i>per (cent)</i> (415); <i>min</i> (344); <i>g</i> (299); <i>km</i> (282); <i>percentage</i> (271)
Temporal units: <i>year</i> (3,593); <i>day</i> (1,746); <i>month</i> (1,434); <i>hour</i> (1,292); <i>week</i> (1,255); <i>minute</i> (976); <i>second</i> (295)
Quantitative change: <i>increase</i> (1,063); <i>amount</i> (761); <i>growth</i> (727); <i>loss</i> (607); <i>reduction</i> (595); <i>rise</i> (394); <i>depth</i> (341); <i>proliferation</i> (314); <i>addition</i> (284)
Mathematics: <i>equation</i> (797); <i>vector</i> (406); <i>EQN [= equation]</i> (337)
Evaluation
<i>value</i> (1,903); <i>risk</i> (1,306); <i>failure</i> (559); <i>quality</i> (478); <i>importance</i> (465); <i>difficulty</i> (453); <i>damage</i> (445); <i>complication</i> (412); <i>benefit</i> (341); <i>significance</i> (329); <i>ability</i> (315); <i>advantage</i> (302); <i>severity</i> (279); <i>skill</i> (256)
Visual
Shape: <i>form</i> (1,428); <i>cycle</i> (419); <i>curve</i> (400); <i>curvature</i> (308); <i>shape</i> (271);
Mental
Cognition: <i>knowledge</i> (380); <i>interest</i> (369); <i>learning</i> (361); <i>attention</i> (295); <i>decision</i> (284); <i>choice</i> (262)
Emotion: <i>need</i> (607); <i>inhibition</i> (283)
Perception: <i>experience</i> (391); <i>sensitivity</i> (319)
Social
<i>community</i> (850); <i>culture</i> (561); <i>administration</i> (301);)
Communication
<i>fig.</i> (1,495); <i>information</i> (1,053); <i>expression</i> (939); <i>report</i> (724); <i>chapter</i> (390); <i>editor</i> (379); <i>author</i> (336); <i>contact</i> (282)
Argumentation & debate: <i>point</i> (1,240); <i>discussion</i> (599); <i>conclusion</i> (475); <i>view</i> (280); <i>explanation</i> (263); <i>term</i> (924)
Unclassified
<i>service</i> (1,325); <i>unit</i> (906); <i>material</i> (870); <i>plate</i> (830); <i>flow</i> (800); <i>state</i> (784); <i>work</i> (781); <i>stone</i> (745); <i>promoter</i> (701); <i>food</i> (626); <i>paper</i> (532); <i>cost</i> (481); <i>exposure</i> (451); <i>transcription</i> (438); <i>table</i> (428); <i>sex</i> (426); <i>marker</i> (401); <i>introduction</i> (373); <i>release</i> (357); <i>ice</i> (351); <i>meal</i> (300); <i>gel</i> (291); <i>crypt</i> (291)

Table 2: Semantic profile of 500 most frequent nouns in the BNC_{scimed}.

General
Existence: <i>become</i> (458); <i>evolve</i> (369); <i>exist</i> (365); <i>arise</i> (226); <i>live</i> (79); <i>survive</i> (51); <i>appear</i> (316)

<p>Events: <i>act</i> (167); <i>happen</i> (361); <i>occur</i> (311)</p> <p>Place: <i>locate</i> (43); <i>place</i> (75)</p> <p>Movement & position: <i>come</i> (514); <i>go</i> (453); <i>turn</i> (272); <i>put</i> (220); <i>leave</i> (205); <i>change</i> (203); <i>move</i> (200); <i>carry</i> (130); <i>bring</i> (129); <i>run</i> (80); <i>drive</i> (50); <i>enter</i> (48); <i>descend</i> (38)</p> <p>Time: <i>follow</i> (253)</p> <p>Phase & change: <i>begin</i> (237); <i>start</i> (170); <i>continue</i> (115)</p> <p>Possession: <i>take</i> (646); <i>give</i> (568); <i>get</i> (440); <i>keep</i> (208); <i>hold</i> (177); <i>possess</i> (50)</p>
<p>Scientific practice & metatheory</p> <p>Heuristic: <i>use</i> (841); <i>find</i> (808); <i>require</i> (630); <i>try</i> (215); <i>determine</i> (209); <i>fail</i> (175); <i>discover</i> (144); <i>define</i> (122); <i>apply</i> (105); <i>detect</i> (100); <i>establish</i> (88); <i>identify</i> (88); <i>test</i> (77); <i>accomplish</i> (66); <i>control</i> (60); <i>perform</i> (49); <i>achieve</i> (48)</p> <p>Institution: <i>teach</i> (104)</p>
<p>Categorization</p> <p>Categories: <i>form</i> (375); <i>represent</i> (142); <i>constitute</i> (111); <i>correspond</i> (46)</p> <p>Part & whole: <i>contain</i> (369); <i>include</i> (188); <i>involve</i> (130); <i>consist</i> (75); <i>clot</i> (43)</p> <p>Relation: <i>refer</i> (140); <i>bind</i> (111); <i>relate</i> (57); <i>connect</i> (53); <i>interact</i> (49);</p> <p>Comparison & features: <i>specify</i> (192); <i>replicate</i> (109); <i>compare</i> (91); <i>fit</i> (80); <i>resemble</i> (50); <i>share</i> (49); <i>distinguish</i> (41); <i>inherit</i> (34)</p>
<p>Causality</p> <p><i>cause</i> (240); <i>base</i> (209); <i>support</i> (157); <i>depend</i> (141); <i>account</i> (111); <i>imply</i> (93); <i>function</i> (80); <i>serve</i> (62); <i>derive</i> (37)</p> <p>Creation: <i>make</i> (1,372); <i>produce</i> (560); <i>design</i> (416); <i>create</i> (363); <i>provide</i> (318); <i>develop</i> (180); <i>build</i> (121); <i>synthesize</i> (69); <i>compose</i> (62); <i>break</i> (55); <i>construct</i> (51); <i>reproduce</i> (43); <i>bear</i> (39)</p>
<p>Epistemological</p> <p><i>show</i> (573); <i>seem</i> (462); <i>exhibit</i> (164); <i>demonstrate</i> (84); <i>confirm</i> (66); <i>prove</i> (62); <i>indicate</i> (60); <i>illustrate</i> (58); <i>tend</i> (54); <i>reveal</i> (48)</p>
<p>Quantity</p> <p>Quantitative change: <i>remain</i> (243); <i>add</i> (167); <i>increase</i> (128); <i>fall</i> (94); <i>eliminate</i> (90); <i>attach</i> (70); <i>lose</i> (62); <i>reach</i> (62); <i>maintain</i> (61); <i>preserve</i> (57); <i>avoid</i> (50); <i>limit</i> (38); <i>prevent</i> (36); <i>replace</i> (36); <i>charge</i> (35); <i>grow</i> (33)</p>
<p>Mental</p> <p>Cognition: <i>know</i> (944); <i>think</i> (503); <i>consider</i> (358); <i>believe</i> (274); <i>assume</i> (222); <i>suppose</i> (174); <i>imagine</i> (141); <i>conclude</i> (135); <i>attribute</i> (119); <i>expect</i> (119); <i>infer</i> (110); <i>learn</i> (101); <i>draw (conclusion)</i> (97); <i>calculate</i> (89); <i>associate</i> (73); <i>predict</i> (56); <i>choose</i> (49); <i>select</i> (49)</p> <p>Emotion & desire: <i>need</i> (545); <i>want</i> (255); <i>accept</i> (144); <i>like</i> (68)</p> <p>Perception: <i>see</i> (819); <i>look</i> (351); <i>understand</i> (268); <i>observe</i> (204); <i>note</i> (135); <i>recognize</i> (116); <i>regard</i> (79); <i>feel</i> (70); <i>notice</i> (54)</p>
<p>Social</p> <p><i>help</i> (166)</p>
<p>Communication</p> <p><i>call</i> (656); <i>say</i> (648); <i>write</i> (407); <i>tell</i> (339); <i>mean</i> (297); <i>describe</i> (223); <i>ask</i> (191); <i>publish</i> (189); <i>read</i> (126); <i>propose</i> (117); <i>answer</i> (82); <i>offer</i> (82); <i>present</i> (78); <i>agree</i> (63); <i>speak</i> (62); <i>state</i> (60); <i>cite</i> (51); <i>mention</i> (45); <i>admit</i> (36)</p>

Argumentation & discussion: <i>explain</i> (768); <i>argue</i> (278); <i>claim</i> (195); <i>discuss</i> (106); <i>reject</i> (84); <i>invoke</i> (82); <i>justify</i> (66); <i>deny</i> (64)
Unclassified
<i>work</i> (327); <i>allow</i> (309); <i>lead</i> (240); <i>suggest</i> (230); ⁴ <i>open</i> (194); <i>point</i> (178); <i>play</i> (173); <i>pass</i> (148); <i>set</i> (114); <i>let</i> (79); <i>protect</i> (67); <i>meet</i> (65); <i>operate</i> (64); <i>deal</i> (60); <i>stand</i> (48); <i>face</i> (45); <i>commit</i> (43)

Table 3: Semantic profile of the 200 most frequent (lexical) verbs in the ID-corpus.

General
Existence: <i>become</i> (1,421); <i>exist</i> (368); <i>arise</i> (227); <i>die</i> (197); <i>appear</i> (916)
Events: <i>occur</i> (2,216); <i>act</i> (112); <i>happen</i> (98)
Time: <i>follow</i> (1,182)
Phase & change: <i>change</i> (348); <i>improve</i> (200); <i>continue</i> (119); <i>start</i> (114); <i>stop</i> (108)
Place: <i>place</i> (277); <i>locate</i> (148)
Movement & position: <i>carry</i> (619); <i>come</i> (343); <i>go</i> (266); <i>move</i> (241); <i>leave</i> (214); <i>transfer</i> (129)
Possession: <i>give</i> (2,965); <i>take</i> (2,496); <i>obtain</i> (1,317); <i>receive</i> (718); <i>get</i> (134); <i>hold</i> (122); <i>keep</i> (104)
Medicine & healthcare
<i>treat</i> (939); <i>undergo</i> (254); <i>diagnose</i> (180); <i>administer</i> (100); <i>screen</i> (99)
Scientific practice & metatheory
Heuristic: <i>use</i> (5,347); <i>find</i> (3,186); <i>require</i> (1,424); <i>determine</i> (882); <i>identify</i> (875); <i>assess</i> (799); <i>perform</i> (785); <i>study</i> (762); <i>detect</i> (692); <i>achieve</i> (547); <i>define</i> (534); <i>record</i> (491); <i>establish</i> (475); <i>examine</i> (464); <i>investigate</i> (403); <i>apply</i> (354); <i>analyse</i> (338); <i>test</i> (320); <i>ensure</i> (269); <i>control</i> (262); <i>undertake</i> (152); <i>subject</i> (140); <i>review</i> (135); <i>expose</i> (113)
Institution: <i>teach</i> (101);
Categorization
Categories: <i>form</i> (882); <i>represent</i> (740); <i>correspond</i> (320); <i>classify</i> (137)
Assemblage: <i>isolate</i> (117); <i>combine</i> (114)
Part & whole: <i>contain</i> (1,652); <i>include</i> (1,307); <i>involve</i> (568); <i>consist</i> (290); <i>divide</i> (186)
Relation: <i>relate</i> (667); <i>refer</i> (367); <i>bind</i> (294); <i>link</i> (125); <i>correlate</i> (119)
Comparison & features: <i>compare</i> (1,615); <i>differ</i> (342); <i>characterise</i> (151); <i>distinguish</i> (134); <i>distribute</i> (129); <i>vary</i> (114)
Causality
<i>cause</i> (960); <i>base</i> (952); <i>affect</i> (586); <i>induce</i> (584); <i>result</i> (555); <i>derive</i> (423); <i>depend</i> (349); <i>support</i> (297); <i>influence</i> (286); <i>account</i> (120); <i>imply</i> (119)

⁴ *Suggest* has a causal and a communicative sense, but the two can often not be clearly distinguished. This is why I have refrained from categorizing the word.

Creation: <i>make</i> (2,403); <i>provide</i> (1,495); <i>produce</i> (1,352); <i>develop</i> (960); <i>design</i> (157); <i>generate</i> (154); <i>compose</i> (141); <i>bear</i> (118); <i>construct</i> (113)
Epistemological <i>show</i> (6,066); <i>seem</i> (1,386); <i>indicate</i> (1,170); <i>confirm</i> (406); <i>reflect</i> (280); <i>prove</i> (268); <i>demonstrate</i> (198); <i>tend</i> (194); <i>illustrate</i> (159)
Quantity <i>measure</i> (982); <i>range</i> (109)
Quantitative change: <i>increase</i> (1,173); <i>reduce</i> (1,013); <i>measure</i> (982); <i>remain</i> (924); <i>remove</i> (414); <i>reach</i> (275); <i>exclude</i> (266); <i>introduce</i> (255); <i>add</i> (252); <i>prevent</i> (232); <i>separate</i> (228); <i>avoid</i> (204); <i>extend</i> (204); <i>lose</i> (191); <i>raise</i> (188); <i>confine</i> (171); <i>preserve</i> (171); <i>cut</i> (158); <i>fall</i> (138); <i>attach</i> (131); <i>contribute</i> (129); <i>replace</i> (128); <i>limit</i> (118); <i>maintain</i> (115); <i>restrict</i> (115); <i>range</i> (109)
Evaluative <i>approve</i> (101)
Mental Cognition: <i>know</i> (1,387); <i>associate</i> (1,352); <i>consider</i> (1,135); <i>expect</i> (497); <i>think</i> (471); <i>calculate</i> (440); <i>evaluate</i> (308); <i>believe</i> (275); <i>understand</i> (240); <i>assume</i> (228); <i>estimate</i> (215); <i>select</i> (153); <i>draw (conclusion)</i> (149); <i>choose</i> (135); <i>attribute</i> (118); <i>learn</i> (109); <i>interpret</i> (104) Emotion & desire: <i>need</i> (982) Perception: <i>see</i> (2,704); <i>observe</i> (674); <i>note</i> (312); <i>look</i> (226); <i>regard</i> (205); <i>recognise</i> (200); <i>monitor</i> (107)
Social <i>help</i> (254);
Communication <i>describe</i> (1,452); <i>report</i> (1,070); <i>mean</i> (530); <i>express</i> (515); <i>say</i> (483); <i>present</i> (421); <i>call</i> (387); <i>publish</i> (179); <i>propose</i> (164); <i>ask</i> (151); <i>admit</i> (150); <i>mention</i> (135); <i>recommend</i> (132); <i>write</i> (132); <i>respond</i> (112); <i>label</i> (108) Argumentation & discussion: <i>explain</i> (508); <i>discuss</i> (367); <i>argue</i> (108)
Unclassified <i>suggest</i> (2,079); <i>lead</i> (931); <i>allow</i> (840); <i>work</i> (366); <i>activate</i> (297); <i>cover</i> (262); <i>incubate</i> (260); <i>prepare</i> (224); <i>collect</i> (209); <i>mediate</i> (194); <i>let</i> (188); <i>set</i> (164); <i>play</i> (148); <i>accompany</i> (128); <i>release</i> (127); <i>encounter</i> (114); <i>feed</i> (104); <i>pass</i> (98)

Table 4: Semantic profile of the 200 most frequent verbs in the BNC (science).

5. Framework-guided approach

5.1. Positivism

ID <i>nonsense</i> (23); <i>non-living</i> (17); <i>non-functional</i> (10); <i>non-deterministic/ally</i> (8); <i>non-naturalistic</i> (8); <i>non-biological</i> (5); <i>non-circular</i> (5); <i>non-historical</i> (5); <i>non-life</i> (5); <i>non-scientific</i> (5); <i>non-teleological/ly</i> (5); <i>non-existent</i> (4); <i>non-human</i> (4); <i>non-science</i>

(4); *non-cognitive* (3); *non-equilibrium* (3); *non-linear* (3); *non-negotiable* (3); *non-physical* (3); *non-biogenic* (2); *non-design* (2); *non-functioning* (2); *non-identical* (2); *non-kin* (2); *non-local* (2); *non-proteineous* (2); *non-reductive* (2); *non-repeating* (2); *non-repetitive* (2); *non-scientist* (2); *non-supernaturalist* (2); *non-advantageous*; *non-balanced*; *non-being*; *non-binding*; *non-biologist*; *non-brittle*; *non-coding*; *non-complex*; *non-conforming*; *non-conformist*; *non-convergent*; *non-designer*; *non-determinacy*; *non-determinism*; *non-digestible*; *non-diplomat*; *non-dividing*; *non-dogmatic*; *non-dominant*; *non-dualistic*; *non-entity*; *non-enzymes*; *non-evidence*; *non-existence*; *non-facit*; *non-fiction*; *non-fused*; *non-independent*; *non-indexed*; *non-lactating*; *non-lethal*; *non-literalist*; *non-locality*; *non-logical*; *non-materialistic*; *non-mechanistic*; *non-molecular*; *non-overlapping*; *non-partisan*; *non-pep*; *non-positivistic*; *non-productive*; *non-purposive*; *non-random*; *non-regular*; *non-reli*; *non-selective*; *non-self*; *non-sexual*; *non-specialized*; *non-starter*; *non-sterile*; *non-technical*; *non-telic*; *non-thiest*; *non-toxic*; *non-verbal*; *non-viable*; *non-volatile*; *non-white*; *non-zero*

BNC

non-specific/ally (110); *non-diabetic/s* (84); *non-insulin* (81); *non-Hodgkin('s)* (75); *non-linear/ly* (65); *non-steroidal* (47); *non-invasive/ly* (46); *non-smokers* (44); *non-medical/ly* (37); *non-zero* (36); *non-inflammatory* (35); *non-deglutitive* (33); *non-Maori* (30); *non-parametric* (28); *non-fundholders* (22); *non-responder* (20); *non-fundholding* (19); *non-insulin-dependent* (18); *non-uraemic* (18); *non-empty* (17); *non-turbulent* (17); *non-ulcer* (17); *non-cardiac* (16); *non-randomised* (16); *non-toxic* (16); *non-vesicular* (16); *non-colinear* (15); *non-significant* (15); *non-communicable* (14); *non-fatal* (14); *non-infected* (14); *non-linearity* (14); *non-b* (13); *non-human* (13); *non-operative* (13); *non-polar* (13); *non-absorbable* (12); *non-bleeding* (12); *non-constipated* (12); *non-ideal* (12); *non-manual* (12); *non-muscle* (12); *non-scalar* (12); *non-user* (12); *non-adherent* (11); *non-associative* (11); *non-obese* (11); *non-propagated* (11); *non-standard* (11); *non-methanogenic* (10); *nonsense* (10); *non-alcoholic* (9); *non-cholinergic* (9); *non-dilated* (9); *non-epileptogenic* (9); *non-homosexual* (9); *non-progressive* (9); *non-surgical/ly* (9); *non-template* (9); *non-adrenergic* (8); *non-compliance* (8); *non-detectable* (8); *non-functioning* (8); *non-gastrointestinal* (8); *non-migratory* (8); *non-smoking* (8); *non-bonding* (7); *non-caseating* (7); *non-denaturing* (7); *non-dimensional* (7); *non-integrin* (7); *non-negative* (7); *non-resectable* (7); *non-selective* (7); *non-sequential* (7); *non-solvent* (7); *non-aligned* (6); *non-curative* (6); *non-ethanolic* (6); *non-fusion* (6); *non-gravitational* (6); *non-malignant* (6); *non-marine* (6); *non-peristaltic* (6); *non-structural* (6); *non-sufferers* (6); *non-transgenic* (6); *non-verbal* (6); *noncalcareous* (5); *non-colonised* (5); *non-combinatorial* (5); *non-complex* (5); *non-data-ink* (5); *non-elective* (5); *non-enzymatic* (5); *non-functional* (5); *non-genetic* (5); *non-hygienic* (5); *non-ionic* (5); *non-ketotic* (5); *non-neuronal* (5); *non-permissive* (5); *non-physiologic/al* (5); *non-polyposis* (5); *non-relapsing* (5); *non-secretor* (5); *non-starch* (5); *non-sustained* (5); *non-toxicogenic* (5); *non-tumour* (5); *non-urgent* (5); *non-variceal* (5); *non-breeding* (4); *non-directive* (4); *non-doctor* (4); *non-drinker* (4); *non-existent* (4); *non-ferrous* (4); *non-fluid* (4); *non-fluorescent* (4); *non-flying* (4); *non-haemorrhagic/-al* (4); *non-homogeneous/ly* (4); *non-immune* (4); *non-industrial* (4); *non-integer* (4); *non-parallel*

(4); non-penetrance (4); non-pharmacological (4); non-porous (4); non-primate (4); non-radioactive (4); non-random (4); non-relativistic (4); non-response (4); non-rotating (4); non-singular (4); non-teaching (4); non-thoracotomy (4); non-uniform (4); non-unit (4); non-vascular (4); non-viral (4); non-activated (3); non-affected (3); non-a-non-b (3); non-appendicular (3); non-blocking (3); non-cervical (3); non-clinical (3); non-coding (3); non-colitic (3); non-consultant (3); non-covalently (3); non-destructive (3); non-equilibrium (3); non-euclidean (3); non-expressing (3); non-fat (3); non-hepatic (3); non-mydriatic (3); non-neural (3); non-overlapping (3); non-pancreatic (3); non-penetrant (3); non-psychiatric (3); non-Q (3); non-reduced (3); non-reducing (3); non-resonant (3); non-retractile (3); non-small-cell (3); non-steroid (3); non-stimulated (3); non-stochastic (3); non-unique (3); non-volatile (3); non-abundant (2); non-acid (2); non-active (2); non-aggressive (2); non-AIDS (2); non-anaemic (2); non-antigen (2); non-asthmatic (2); non-attainment (2); non-attendance (2); non-attenders (2); non-biological (2); non-cardiovascular (2); non-chaotic (2); non-coeliac (2); non-commercial (2); non-commutative (2); non-conformity (2); non-coral (2); non-cross (2); non-degradation (2); non-demented (2); non-dependent (2); non-deposition (2); non-diagnostic (2); non-diploid (2); non-enzymically (2); non-exclusive (2); non-explicit (2); non-familial (2); non-fetal (2); non-flowering (2); non-fluoridated (2); non-function (2); non-fundamental (2); non-gene (2); non-government (2); non-homologous (2); non-hydrostatic (2); non-immunised (2); non-invertible (2); non-labelled (2); non-local (2); non-luminescence (2); non-luminescent (2); non-magnetic (2); non-melanoma (2); non-metastatic (2); non-neoplastic (2); non-normal (2); non-operated (2); non-organic (2); non-paired (2); non-parasitised (2); non-pathogenic (2); non-periodic (2); non-prescribed (2); non-preventive (2); non-professional (2); non-projected (2); non-propulsive (2); non-radical (2); non-recoverable (2); non-reducible (2); non-removable (2); non-renal (2); non-resistant (2); non-resonance (2); non-responsive (2); non-ruminants (2); non-segmental (2); non-seminoma (2); non-sensory (2); non-specialist (2); non-standardised (2); non-starter (2); non-therapeutic (2); non-transformed (2); non-treatment (2); non-trivial (2); non-tumorigenic (2); non-ulcerated (2); non-viable (2); non-voluntary (2); non-white (2); non-abelian; non-abrasive; non-absolute; non-absorbed; non-absorbent; non-academic; non-acute; non-adenocarcinoma; non-adenoidectomy; non-adherence; non-adhesive; non-adjusted; non-adult; non-AGTA; non-alcohol-related; non-ambulant; non-ambulatory; non-anaesthetist; non-anomalous; non-antibiotic; non-antibody; non-antigen-specific; non-antral; non-apnoeic; non-appearance; non-aquatic; non-associated; non-auriferous; non-availability; non-basaltic; non-behavioural; non-beneficial; non-bile; non-biliary; non-biomedical; non-biotinylated; non-bloody; non-BNF; non-bonded; non-boussinesq; non-bran; non-brecchia; non-bursate; non-calcareous; non-cancer; non-carbonate; non-cardioselective; non-causality; non-causating; non-cellular; non-cerebral; non-CF; non-chinese; non-cholera; non-cholestatic; non-committal; non-commuting; non-compact; non-compliant; non-confidential; non-consenting; non-conserved; non-constant; non-constitutive; non-contiguous; non-contingent; non-contractile; non-contributory; non-controlled; non-controversial; non-cooperation; non-cooperative; non-covalent; non-Crohn's; non-culturable; non-cumulative; non-cyclosporin; non-definitional; non-degenerate; non-deleted; non-depressed; non-described; non-diabetes; non-discriminatory; non-dispersing; non-dispersive; non-DNA-binding; non-dominant;

non-draining; non-drug; non-eddy; non-elderly; non-electrical; non-electrolyte; non-elemental; non-emergency; non-empirical; non-endemics; non-endocrine; non-English; non-enterotoxigenic; non-entitlement; non-environmentally; non-epsilon-toxin-producing; non-eradicated; non-essential; non-established; non-Ethiopian; non-evaluable; non-even; non-expelled; non-expert; non-exposed; non-fasting; non-flowing; non-flyer; non-foliating; non-fortuitous; non-fuel; non-gall; non-gastroenterological; non-GC; non-genomic; non-genotoxic; non-germinal; non-glacial; non-glutitive; non-glycosylated; non-governmental; non-GPC; non-granular; non-graphitic; non-H; non-haematopoietic; non-haemolytic; non-harmful; non-health; non-hepatotoxic; non-heritable; non-histological; non-histone; non-HLA; non-hospital; non-hybridisation; non-hydrogen; non-hydroxylated; non-hypoglycaemia; non-iatrogenic; non-identified; non-IGE-mediated; non-imbricating; non-immunocompromised; non-incontinent; non-incorporated; non-indigenes; non-indigenous; non-inducible; non-inertness; non-infarct; non-infarcted; non-infectious; non-infective; non-infinitesimal; non-inflamed; non-informative; non-injectable; non-inpatient; non-insulin-treated; non-intensive; non-interacting; non-interactive; non-interventional; non-intra-aortic; non-intrusive; non-irradiated; non-irritative; non-islet; non-isotropic; non-leached; non-lethal; non-living; non-lymphocytic; non-lymphoid; non-mammalian; non-Mendelian; non-metropolitan; non-mining; non-modified; non-mutated; non-necrotising; non-negrito; non-nervous; non-Newtonian; non-nosocomial; non-nucleoside; non-nutritious; non-obligate; non-obligatory; non-oesophageal; nono-iodinated; non-optimal; non-organ; non-oxidative; non-oxynit; non-parenchymal; non-parenteral; non-pelagic; non-perfused; non-perfusion; non-permeability; non-perturbed; non-planar; non-pleuritic; non-polio; non-polymeric; non-polymorphism; non-polypoid; non-pregnant; non-producers; non-proliferating; non-prompted; non-propagating; non-protein; non-PSC; non-psychiatrist; non-pulsatile; non-quadratic; non-qualifying; non-quantitative; non-q-wave; non-reactive; non-real; non-reciprocal; non-recognition; non-redundant; non-referral; non-reflex; non-relevant; non-repetitive; non-replicating; non-replicative; non-researching; non-responsiveness; non-retractility; non-rheumatic; non-rhythmic; non-rigorous; non-rocky; non-ruminant; non-s; non-school; non-seam; non-seasonal; non-secretable; non-segmented; non-selected; nonsensical; non-serious; non-sexual; non-shivering; non-significance; non-significantly; non-sinusoidal; non-small; non-specificity; non-specimen-bearing; non-spherical; non-sphincteric; non-starters; non-stricturing; non-sudden; non-suppressed; non-symptomatic; non-synaptic; non-synchronous; non-systematic; non-taker; non-target; non-tautologousness; non-taxable; non-technical; non-terminal; non-territorial; non-thermal; non-training; non-transfected; non-transmissible; non-transmitted; non-transplant; non-traumatised; non-treated; non-tree; non-trust; non-tuberculous; non-UK; non-uniformity; non-universal; non-usable; non-vacuum; non-vagal; non-vanishing; non-vertebrate; non-visualisation; non-volcanic; non-x

Table 5: Words featuring the negative prefix *non-* in the ID corpus and the BNC_{scimed}.**5.2. Technologization**

Biology:	53 types/240 tokens
Disciplines & practitioners:	<i>biology/-ical/-ly</i> (22)
Microorganisms:	<i>cryptococcus/-al</i> (17); <i>streptococcus/-al</i> (7); <i>enterovirus</i> (4); <i>pseudomonas</i> (3); <i>hemophilus</i> (3); <i>mycobacterium/-ial</i> (3); <i>enterobacteriaceae</i> (3); <i>staphylococcus</i> (2); <i>meningococcal</i> (2); <i>monocytogene</i> (2); <i>bacteriological</i> ; <i>spirochete</i> ; <i>macrophages</i> ; <i>microbial</i> ; <i>bacteroid</i> ; <i>fusobacterium</i> ; <i>microbiological</i> ; <i>pneumococcal</i> ; <i>propionibacterium</i> ; <i>peptococci</i> ;
Cytology:	<i>chromosome</i> (36); <i>mitochondrial</i> (23); <i>autosomal</i> (13); <i>erythrocyte</i> (11); <i>antiphospholipid</i> (11); <i>phenotype/-ic</i> (7); <i>antigen</i> (7); <i>anticardiolipin</i> (6); <i>mononuclear</i> (4); <i>mononucleosis</i> (3); <i>genotype</i> (3); <i>adenosine</i> (3); <i>osmiophilic</i> (2); <i>mycoplasma</i> (2); <i>polymorphonuclear</i> (2); <i>monoclonal</i> (2); <i>dizygotic</i> ; <i>nucleotide</i> ; <i>adenine</i> ; <i>phagocytosis</i> ; <i>haemosiderin</i> ; <i>mononucleotide</i> ; <i>multinucleated</i> ; <i>axoplasmic</i> ; <i>cytosine</i> ; <i>glucosemononuclear</i> ; <i>monozygotic</i>
Other:	<i>bioavailability</i> (12); <i>pesticide</i> ; <i>heterophil</i> ; <i>parasitic</i> ; <i>bioequivalence</i> ;
Chemistry	199 types/1,921 tokens
General:	<i>tricyclic</i> (47); <i>colloid</i> (23); <i>histamine</i> (23); <i>monoxide</i> (13); <i>nitroglycerin</i> (10); <i>benzodiazepine</i> (9); <i>lipophilic/-ity</i> (6); <i>monosodium</i> (6); <i>monoamine</i> (5); <i>lipoic</i> (4); <i>dioxide</i> (3); <i>glycerol</i> (3); <i>acetylcholine</i> (3); <i>nitrogen</i> (2); <i>oxygen/-ate/-tion</i> (2); <i>benzoate</i> (2); <i>bicarbonate</i> (2); <i>electrophoresis</i> (2); <i>amino acid</i> (2); <i>glucuronide</i> (2); <i>alpha-2-adrenergic</i> (2); <i>carboxylic</i> ; <i>hydrogen</i> ; <i>alpha-lipoic acid</i> ; <i>aerosol</i> ; <i>glutamate</i> ; <i>hydroxide</i> ; <i>benzocycloheptathiophene</i> ; <i>cyclodextrin</i> ; <i>carbohydrate</i> ; <i>electrochemical</i> ; <i>g-aminobutyric</i> ; <i>micromolecular</i> ; <i>monophosphate</i> ; <i>nanomolecular</i> ;

	<i>trimagnesium; trimethobenzamide; tetracyclic</i>
Biochemistry:	<p><i>(o)estrogen</i> (69); <i>corticosteroid</i> (64); <i>phosphodiesterase</i> (57); <i>steroid</i> (35); <i>serotonin</i> (33); <i>cyclooxygenase</i> (21); <i>progestogen</i> (16); <i>gonadotrophin</i> (13); <i>neurotransmitter/-mission</i> (13); <i>neurokinin</i> (12); <i>oxyh(a)emoglobin</i> (12); <i>calcitonin</i> (10); <i>melatonin</i> (9); <i>pharm(ac)okinetic/-s</i> (9); <i>anhydrase</i> (6); <i>biochemical</i> (6); <i>collagen</i> (5); <i>electrolyte</i> (5); <i>carboxyh(a)emoglobin</i> (5); <i>neurochemical</i> (5); <i>endocrine</i> (4); <i>noradrenergic</i> (4); <i>dopaminergic</i> (4); <i>endorphin</i> (4); <i>testosterone</i> (3); <i>immunoglobulin</i> (3); <i>dextran</i> (2); <i>progesterone</i> (3); <i>hemoglobin</i> (3); <i>ornithine</i> (2); <i>prolactin</i> (2); <i>metanephrine</i> (2); <i>transcarbamylase</i> (2); <i>oligoclonal</i> (2); <i>polypeptide</i> (2); <i>neuropeptides</i> (2); <i>thromboplastic</i>; <i>plasminogen</i>; <i>dehydrogenase</i>; <i>polymerase</i>; <i>hydrase</i>; <i>norepinephrine</i>; <i>beta-glucuronidase</i>; <i>cyclase</i>; <i>dinucleotide</i>; <i>epinephrine</i>; <i>phosphatase</i>; <i>aldosterone</i>; <i>p-glycoprotein</i>; <i>photopsin</i>; <i>immunesorbent</i>; <i>isoenzyme</i>; <i>methemoglobin</i>; <i>chemoreceptors</i>; <i>cholecystokinin</i>; <i>haemoglobin</i>; <i>flavoenzymes</i>; <i>neuroendocrine</i>; <i>urokinase</i>; <i>peptidergic</i>; <i>monoaminergic</i>;</p>
Pharmacology:	<p><i>nortriptyline</i> (273); <i>analgesia/-ic</i> (174); <i>indomethacin</i> (86); <i>opioid</i> (74); <i>acetaminophen</i> (48); <i>amitriptyline</i> (46); <i>metoclopramide</i> (39); <i>dihydroergotamine</i> (36); <i>prochlorperazine</i> (29); <i>pharmacology/-ical</i> (27); <i>non(-)steroidals</i> (27); <i>prednisone</i> (23); <i>vasodilation/-or/-ory</i> (19); <i>pharmacotherapy/-eutic</i> (18); <i>chlorpromazine</i> (17); <i>carbamazepine</i> (16); <i>acetazolamide</i> (16); <i>non(-)pharmacological</i> (15); <i>parenteral/-ly</i> (15); <i>dexamethasone</i> (14); <i>antibiotic</i> (13); <i>diuretic</i> (11); <i>cyproheptadine</i> (9); <i>antinociception/-tive</i> (8); <i>theophylline</i> (8); <i>phenobarbital</i> (8); <i>prednisolone</i> (8); <i>protriptyline</i> (6); <i>erythromycin</i> (6); <i>sulfamethoxazole</i> (6); <i>methylprednisolone</i> (6); <i>neuroleptics</i> (5); <i>methotrexate</i> (5); <i>estradiol</i> (5); <i>pharmaceutical</i> (5); <i>tetracycline</i> (5); <i>phenothiazine</i> (5); <i>immunosuppression/-suppressant</i> (5); <i>isometheptene</i> (5); <i>nalidixic</i> (5); <i>beta-adrenergic</i> (5);</p>

	<p><i>diphenhydramine</i> (5); <i>paroxetine</i> (4); <i>dichloralphenazone</i> (4); <i>antihistamine</i> (4); <i>methadone</i> (4); <i>anticholinergic</i> (4); <i>fentanyl</i> (3); <i>pseudoephedrine</i> (3); <i>isotretinoin</i> (3); <i>medoxyprogesterone</i> (3); <i>methylenedioxymethamphetamine</i> (3); <i>bromocriptine</i> (3); <i>autoinjector</i> (3); <i>hydrocodone</i> (3); <i>itraconazole</i> (3); <i>betamethasone</i> (3); <i>pyridoxine</i> (2); <i>methylxanthines</i> (2); <i>ethinylestradiol</i> (2); <i>spironolactone</i> (2); <i>methamphetamine</i> (2); <i>minocycline</i> (2); <i>troleandomycin</i> (2); <i>aminoglycoside</i> (2); <i>antiretroviral</i> (2); <i>glyceryl trinitrate</i> (2); <i>propoxyphene</i>; <i>nicardipine</i>; <i>amoxicillin</i>; <i>antianxiolytic</i>; <i>antineoplastic</i>; <i>thiazide</i>; <i>tranlycypromine</i>; <i>hyoscine</i>; <i>antiserotonin</i>; <i>non-pharmaceutical</i>; <i>trisalicylate</i>; <i>pentobarbital</i>; <i>phenoxybenzamine</i>; <i>polypharmacy</i>; <i>hydralazine</i>; <i>hydrobromide</i>; <i>isoniazide</i>; <i>metaiodobenzylguanidine</i>; <i>mucoevacuant</i>; <i>benztropine</i>; <i>cyclobenzaprine</i>; <i>fenfluramine</i>; <i>benzylpenicillin</i>; <i>allopurinol</i>; <i>omeprazole</i>; <i>hydroxyzine</i>; <i>nitrofurantoin</i>; <i>azathioprine</i>; <i>dimenhydrinate</i>; <i>doxylamine</i>; <i>fluphenazine</i>; <i>cortisone</i>; <i>antiemetic</i></p>
Physics, mathematics & technology	20types/68 tokens
Physics:	<i>radiofrequency</i> (15); <i>electrode</i> (4); <i>hydrostatic</i> (2); <i>technology</i> ; <i>asteroid</i> ; <i>crystalloids</i> ; <i>electromagnetic</i> ; <i>ferromagnetic</i> ;
Geology:	<i>atmospheres</i>
Mathematics & measurement	<i>diameter</i> (15); <i>symmetric/-al</i> (7); <i>milligram</i> (4); <i>asymmetric/-al</i> (4); <i>perimetry</i> (3); <i>barometric</i> (2); <i>milliliter</i> (2); <i>geometry</i> ; <i>volumetric</i> ; <i>morphometric</i> ; <i>millimeters</i>
Medicine	557 types/5,201 tokens
Disciplines & practitioner:	<i>neurology/-ic/-al/-ly/-ist</i> (187); <i>psychology/-ical/-ist</i> (65); <i>psychiatry/-ic/-ist</i> (43); <i>otolaryngology/-ical/-ist</i> (22); <i>chiropractic/or</i> (20); <i>p(a)ediatric/-ian</i> (18); <i>ophthalmological/-ist</i> (11); <i>neurosurgeon/-surgical</i>

	(11); <i>medicolegal</i> (9); <i>cytology</i> (7); <i>rheumatology/-ical</i> (5); <i>neurophysiology/-ic/-al</i> (5); <i>cardiological/-ist</i> (4); <i>non(-)neurological</i> (4); <i>symptomatology</i> (4); <i>orthopedist</i> (3); <i>neuro(-)ophthalmology/-ical</i> (3); <i>neuropathological</i> (3); <i>genetics</i> (3); <i>gynecologist</i> (2); <i>neurotological</i> ; <i>dermatologists</i> ; <i>haematological</i> ; <i>teratology</i> ; <i>toxicology</i> ; <i>neuropsychiatric</i>
Pathology:	<i>syndrome</i> (343); <i>neuralgia/-ic</i> (159); <i>h(a)emorrhage</i> (148); <i>meningitis</i> (122); <i>h(a)ematoma</i> (87); <i>hemiplegia/-ic</i> (76); <i>photophobia</i> (73); <i>arteritis</i> (71); <i>epilepsy/-ic/-ica</i> (65); <i>hydrocephalus</i> (63); <i>epidemiology/-ical</i> (60); <i>pathology/-ical</i> (60); <i>neoplasia/-plasm/-plastic</i> (52); <i>papill(o)edema</i> (52); <i>idiopathic</i> (49); <i>hypothyroidism</i> (48); <i>phonophobia</i> (43); <i>ceph(al)algia</i> (43); <i>pheochromocytoma</i> (42); <i>pathophysiology/-ical</i> (36); <i>pseudotumor(u)r</i> (35); <i>metastasis/-static/-stasize</i> (34); <i>encephalitis</i> (34); <i>neuropathy/-ic</i> (33); <i>encephalopathy/ic</i> (30); <i>vasoconstriction/-ive/-or</i> (30); <i>allergy/-ic/-ist</i> (30); <i>glaucoma</i> (29); <i>orthostatic</i> (28); <i>edema</i> (28); <i>diarrh(o)ea</i> (27); <i>ataxia/-ic</i> (27); <i>sclerosis</i> (26); <i>allodynia/-ic</i> (25); <i>apn(o)ea/c</i> (24); <i>tachyphylaxis</i> (24); <i>nociception/-ive</i> (23); <i>bipolar</i> (22); <i>diplopia</i> (19); <i>scotoma</i> (19); <i>hypoxia/-ic</i> (19); <i>apoplexy</i> (19); <i>hemiparesis/-tic</i> (19); <i>menopause</i> (18); <i>ophthalmoplegia/-ic</i> (18); <i>meningioma</i> (18); <i>arthritis/-ic</i> (17); <i>dysphasia/ic</i> (17); <i>xanthochromia/-ic</i> (16); <i>pleocytosis</i> (15); <i>anorexia</i> (15); <i>vasospasm</i> (15); <i>pathogenesis/-genic</i> (14); <i>adenoma</i> (14); <i>neuritis</i> (14); <i>angiotensin</i> (13); <i>oedema/-tous</i> (13); <i>astrocytoma</i> (13); <i>carcinoma</i> (13); <i>prodrome</i> (12); <i>dystonia/-ic</i> (12); <i>necrosis/-tize</i> (12); <i>hypoparathyroidism</i> (12); <i>etiology/-ic/-ical</i> (11); <i>lymphoma</i> (11); <i>otitis</i> (11); <i>vasculitis</i> (11); <i>carcinomatosis/-atous</i> (11); <i>rhinosinusitis</i> (11); <i>cellulitis</i> (11); <i>rhinorrh(o)ea</i> (10); <i>spondylosis/-ic</i> (10); <i>erythematosis/-ous</i> (10); <i>neuralgiform</i> (9); <i>angiopathy</i> (9); <i>glioma</i> (9); <i>osteopath/-y/-ic</i> (8); <i>radiculopathy</i> (8); <i>carotidynia</i> (8); <i>rheumatoid</i> (8); <i>angiitis</i> (8); <i>hypertrophy</i> (8);

neurotoxic/-ity/-toxins (8); *ependymoma* (8); *polyp* (8); *choriocarcinoma* (8); *leukoencephalopathy* (8); *macroadenoma* (8); ***bradycardia*** (7); ***melanoma*** (7); *hypoglyc(a)emia* (7); ***tachycardia*** (6); ***claustrophobia/-ic*** (6); ***hemianop(s)ia*** (6); ***medulloblastoma*** (6); ***photopsia*** (6); *demyelinate/ion* (6); *ectopia/ic* (6); *fibromyalgia* (6); *sarcoidosis* (6); *dyspepsia* (6); *osteoarthritis/-ic* (6); *phaeochromocytoma* (6); *pneumocephalus* (6); *thrombocytopenia/-penic* (6); ***osmophobia*** (5); ***oligodendroglioma*** (5); ***perimenopause/-al/-ly*** (5); ***arteriopathy*** (5); ***encephalomyopathy/-ic*** (5); *epidermoid* (5); *neurosis/-ic* (5); *rhinitis/-ic* (5); *granulomatosis/ous* (5); *meningoencephalitis* (5); *neurofibromatosis* (5); *polymyalgia* (5); *atherosclerosis/-ic* (5); *autoimmune* (5); *homocystinuria* (5); *lymphocytosis* (5); *toxoplasmosis* (5); *hyperacusia/-is* (5); *hypox(a)emia* (5); ***menorrhagia*** (4); ***myelopathy*** (4); ***myopathy*** (4); ***neuroma*** (4); ***plexopathy*** (4); ***schwannoma*** (4); ***coagulopathy*** (4); ***dysmenorrh(o)ea*** (4); ***empyema*** (4); ***hypernephroma*** (4); *mastoid* (4); *paralysis/-ic* (4); *myositis* (4); *aphasia* (4); *dysplasia* (4); *endocarditis* (4); *myasthenia/ic* (4); *pineoblastoma* (4); *polycystic* (4); *syringomyelia* (4); *barotrauma* (4); *cardioembolic* (4); *craniopharyngioma* (4); *hypercalc(a)emia* (4); ***eosinophil/-ic*** (3); ***mucocoele*** (3); ***adenopathy*** (3); ***ophthalmodynia*** (3); ***sarcoma*** (3); ***sonophobia*** (3); ***angioma*** (3); ***cardiomyopathy*** (3); ***hygroma*** (3); ***teichopsia*** (3); *postdrome* (3); *mycosis/-ic* (3); *amenorrhoea/-ic* (3); *psychosis/-tic* (3); *sarcoid* (3); *acephalgic* (3); *anosmia* (3); *atrophy* (3); *dyskin(a)esia* (3); *hepatitis* (3); *hypophysitis* (3); *leukocytosis* (3); *mastoiditis* (3); *melanomatosis* (3); *hiv-seropositive* (3); *neurosyphilis* (3); *pachymeningitis* (3); *pilocystic* (3); *polyneuropathy* (3); *encephalomyelitis* (3); *gastroparesis* (3); *glioblastoma* (3); *thromboembolism/-embolic* (3); *immunocompromised* (3); *microbleeds* (3); *pseudoseizures* (3); *porphyria* (3); *hyperadrenergic* (3); *ankylosis/-e* (3); *hypercarotenemia* (3); *hypercholesterolemia* (3); *hyperparathyroidism* (3); *hypophosphatemia* (3);

leuk(a)emia (3); *psychogenic* (2); *epileptogenic* (2); *iatrogenic* (2); *myalgia* (2); *neurilemoma* (2); *non(-)nociceptive* (2); *odontalgia* (2); *schizophrenia* (2); *trophoblast* (2); *arthropathy* (2); *bronchiectasis* (2); *chordoma* (2); *cryptococcoma* (2); *galactorrhea* (2); *granuloma* (2); *lymphadenopathy* (2); *macropsia* (2); *metamorphopsia* (2); *micropsia* (2); *teleopsia* (2); *thrombolysis* (2); *cysticercosis* (2); *migralepsy* (2); *pharyngitis* (2); *adenoid* (2); *pancreatitis* (2); *pansinusitis* (2); *postmeningitis* (2); *proteinuria* (2); *sphenoiditis* (2); *spondylitis/-ic* (2); *synovitis* (2); *arachnoiditis* (2); *colitis* (2); *dysphagia* (2); *dyspnoea* (2); *ethmoiditis* (2); *halitosis* (2); *tonsillitis* (2); *pneumothorax* (2); *cytomegalovirus* (2); *episcleritis* (2); *microemboli* (2); *mononeuropathy* (2); *monosymptomatic* (2); *neurosaroid* (2); *neurosarcoidosis* (2); *ophthalmoparesis* (2); *polycyth(a)emia* (2); *pseudomigraine* (2); *psychosomatic* (2); *pseudopapilledema* (2); *pyelonephritis* (2); *blepharospasm* (2); *hepatotoxicity* (2); *hyperhydrosis* (2); *unipolar* (2); *minibouts* (2); *cholinergic* (2); *erythema* (2); *anhidrosis* (2); *hypocalc(a)emia* (2); *hypokal(a)emia* (2); *hypomagnes(a)emia* (2); *hyponatr(a)emia* (2); *psychotropic*; *pyogenic*; *somatiform*; *teratogen/-ic/-ity*; *thrombophilia*; *porencephaly*; *hemolysis*; *heterophoria*; *heterotropia*; *neutropenia*; *normochromic*; *aerophagia*; *amyotrophy*; *areocele*; *pneumocele*; *encephalomyopathy*; *myopia*; *neoplasm*; *nonhemorrhagic*; *oligemia*; *oliguria*; *osteomas*; *otalgia*; *papillomas*; *paragangliomas*; *polyopia*; *vestibulopathy*; *xerostomia*; *agoraphobia*; *stomatodynia*; *tachypnea*; *tuberculoma*; *zoonosis*; *zoopsia*; *zygoma*; *achromatopsia*; *akinetopsia*; *angiomatosis*; *arthralgias*; *atheroma/-tous*; *dermatome*; *dermatopathy*; *dysnociception*; *epidemiologic*; *germinoma*; *glossalgia*; *glossodynia*; *hemangioma*; *hemoglobinopathy*; *keratopathy*; *lipoma*; *oscillopsia*; *oscilloscopia*; *palinopsia*; *toxemia*; *platybasia*; *lymphoid*; *diathesis*; *retinoids*;

fibrositis; nephrotic; panarteritis; panuveitis; paranoid; paraplegia; periarteritis; perichondritis; pericoronitis; phenylketonuric; prolactinoma; prosopagnosia; retromastoid; septicemia; tendonitis; ventriculitis; anorgasmia; aponeurosis; blepharitis; borreliosis; cerebritis; cholecystitis; conjunctivitis; dermatitis; dyslexia; dysuria; exocytosis; hyperplasia; hyperpnea; hypervitaminosis; hypochondriasis; hypoplasia; hypovitaminosis; lactacidosis; listeriosis; lymphomatosis/-ous; mediastinitis; thyroiditis; sympathoinhibition; pathognomonic; haemopericardium; hepatomegaly; mucopurulent; myoclonic; normocytic; normotensive; canalolithiasis; aminoacidurias; carcinoembryonic; carcinogenicity; microangiopathy; monoparesis; mucormycosis; myxedema; nephrolithiasis; neuroblastoma; neutrocytosis; oligohydrosis; osteochondritis; osteomyelitis; osteonecrosis; osteoporosis; polyarteritis; polyradiculopathy; sternocleidomastoid; psychopathology; radiculoneuritis; sialolithiasis; stomatopyrosis; tuberosclerosis; venoconstrictor; adenocarcinoma; broncospasm; chondrosarcoma; choriomeningitis; chorioretinitis; coccidiomycosis; craniostenosis; encephaloceleatresia; gangliocytoma; gastroenteritis; glossopyrosis; hemangioblastoma; hemangiopericytoma; hemarthrosis; immunodeficiency; lipoatrophy; lympho-histiocytic; macroglobulinemia; macroprolactinomas; toxoplasmosis; thrombocythemia; thrombocytosis; thyrotoxicosis; hemiclonic; agenesis; parasomnias; agnosia; uremia; cirrhosis; hydroxyurea; hyperbilirubinemia; hyperemia; hyperglyc(a)emia; hyperlipidemia

Therapeutic:

acupuncture/-ist (60); biopsy (42); biofeedback (40); homeopathy/-ic (22); prognosis/-tic (22); radiology/-ical/-ist (13); radiograph/-ic/-ical (10); hypnosis/-tic (10); dialysis (9); endarterectomy (8); miniprophyllaxis (8); isometric (7); chemotherapy/-ic (7); craniotomy (6); rhizotomy (6); radioisotope (4); neurotomy (3); post-craniotomy (3); stereotactic (3); radiotherapy (3);

	<p><i>ergonomics</i> (2); <i>reflexology</i> (2); <i>craniectomy</i> (2); <i>laminectomy</i> (2); <i>prostheses</i> (2); <i>self-hypnosis</i> (2); <i>thermocoagulation</i> (2); <i>psychotherapy</i> (2); <i>radio(-)surgery</i> (2); <i>microsurgery</i> (2); <i>neurostimulation</i> (2); <i>septoplasty</i>; <i>neurolytic</i>; <i>autogenic</i>; <i>angioplasty</i>; <i>autopsy</i>; <i>hemispherectomy</i>; <i>hysterectomy</i>; <i>mastectomy</i>; <i>neurectomy</i>; <i>oophorectomy</i>; <i>post-endarterectomy</i>; <i>stapedectomy</i>; <i>tonsillectomy</i>; <i>transphenoidal</i>; <i>non-acupuncture</i>; <i>electroacupuncture</i>; <i>immunotherapy</i>; <i>acupoints</i>; <i>acupressure</i>; <i>gangliorhizolysis</i>; <i>haemodialysis</i>; <i>hypnotherapist</i>; <i>monotherapy</i>; <i>physiotherapy</i>; <i>polytherapy</i>; <i>psychoanalysis</i>; <i>venipuncture</i>; <i>biobands</i>; <i>neuro-aids</i></p>
Diagnostics:	<p><i>diagnosis/-gnose/-gnostic</i> (565); <i>angiogram/-graphy/-ic</i> (58); <i>neuroimage/-ing</i> (47); <i>tomography</i> (27); <i>aetiology/-ical</i> (25); <i>arteriography/-gram</i> (23); <i>misdiagnosis</i> (20); <i>venography/-gram</i> (14); <i>myelography/-gram</i> (13); <i>electroencephalogram/graphy/-ic</i> (13); <i>electrocardiography/-ic/-gram</i> (9); <i>echocardiogram/-graphy</i> (8); <i>spectrophotometry</i> (6); <i>fundo/uscopsy/-ic</i> (5); <i>ultrasonography</i> (5); <i>undiagnosed</i> (5); <i>neuroradiological/-ist</i> (4); <i>cisternography</i> (3); <i>endoscopy/-ic</i> (3); <i>audiogram</i> (2); <i>histology</i> (2); <i>spectroscopy</i> (2); <i>magnetoencephalography</i> (2); <i>indotest</i> (2); <i>overdiagnose</i> (2); <i>electronystagmogram</i>; <i>thermography</i>; <i>otoscope</i>; <i>tonometry</i>; <i>arthrotomy</i>; <i>pyelogram</i>; <i>cryptogenic</i>; <i>audiometric</i>; <i>CT-myelography</i>; <i>cysternography</i>; <i>densitometry</i>; <i>serology</i>; <i>cardiography</i>; <i>encephalography</i>; <i>fluoroscopy</i>; <i>gonioscopy</i>; <i>postmyelography</i>; <i>rhinoscope</i>; <i>roentgenogram</i>; <i>psychometricians</i>; <i>electromyogram/-graphy</i>; <i>immunofixation</i>; <i>autoradiographic</i>; <i>counterimmuno-electrophoresis</i>; <i>iophendylate</i></p>
Anatomy & physiology	
Physiology:	<p><i>homeostasis</i> (6); <i>sympathomimetic</i> (5); <i>electrophysiological</i>; <i>proprioceptive</i>; <i>haematopoietic</i>;</p>

Anatomy: *trigeminal* (214); *unilateral/-ly/-ity* (164); *bilateral* (124); *ipsilateral* (89); *subarachnoid* (73); *gastrointestinal* (32); *arteriovenous* (31); ***cervicogenic*** (30); *cardiovascular* (27); *cerebrospinal* (23); *sphenoid* (22); *sympathetic* (22); ***lymphocyte-ic*** (21); *temporomandibular* (19); *ophthalmic/-al* (18); *bifrontal* (18); *leptomeninges/-eal* (18); *myofascial* (17); *glossopharyngeal* (16); ***physiology-ic/-al/-ly*** (15); *parasympathetic* (15); *hemisphere/-ic* (15); *frontotemporal* (13); ***neurogenic*** (12); *ethmoid* (12); *cerebrovascular* (12); *arachnoid* (11); *parenchyma/-al* (9); *contralateral* (8); *myocardium/-ial* (8); ***neutrophil-ic*** (6); *interhemispheric* (6); *bifurcation* (6); *atrioventricular* (6); *vasoactive* (6); *bitemporal* (6); *pachymeningeal* (6); ***hematological*** (5); *ventriculoperitoneal* (5); *vertebrobasilar* (5); *trigeminovascular* (5); ***endometrium/-ial*** (4); *styloid* (4); *choroid* (4); *fibromuscular* (4); *sphenopalatine* (4); *cervicomedullary* (4); *colorectal* (4); *vasomotor* (4); *sensorineural* (4); ***perimesencephalic*** (3); *pterygoid* (3); *craniosacral* (3); *cervico(-)thoracic* (3); *endovascular* (3); *lumboperitoneal* (3); *microvascular* (3); *nasopharynx/-geal* (3); *oromandibular* (3); *posterolateral* (3); *trigemino(-)cervical* (3); *zygapophyseal* (3); *anterolateral* (3); *anteroposterior* (3); *temporalorbital* (3); *esophageal* (3); ***otogenic*** (2); ***hyoid*** (2); ***cribiform*** (2); ***hematogenous*** (2); ***oesophageal*** (2); *extraarachnoid* (2); *diaphragm/-atic* (2); ***encephalic*** (2); *pterygopalatine* (2); *atlantoaxial* (2); *bifronto/altemporal* (2); *gastroesophageal* (2); *nasociliary* (2); *nasolabial* (2); *neuromuscular* (2); *neurovascular* (2); *orbitofrontal* (2); *isodense* (2); *temporofrontal* (2); *auriculo-autonomic* (2); ***rhinogenic***; ***oculocephalic***; ***otolith***; ***c-nociceptor***; ***diarthrodial***; ***exteroceptive***; ***myogenous***; ***vasogenic***; ***endogenous***; ***otological***; ***arthrogenous***; ***stylohyoid***; ***otoconia***; ***hypodermic*** ; ***mesenteric***; ***endaurally***; ***supraclinoid***; ***psychomyogenic***; ***quintothalamic***; ***secretomotor***; ***spheno-ethmoidal***; ***trifurcation***; ***polysynaptic***; ***microvasculature***; ***carpopedal***; ***auriculotemporal***; ***craniocervical***; ***craniovascular***;

	<p><i>meningovascular; adrenocortical; vasovagal; ventrobasal; binasal; bioccipital; cardiorespiratory; cerebellopontine; cervico(al)-trigeminal; encephalotrigeminal; endothelium; genitourinary; homolateral; nasogastric; nasotracheal; neuroectodermal; occipitocervical; occipitofrontalis; occipitonuchal; oropharyngeal; oropharynx; ouchaboccipital; paratrigeminal; parietooccipital; sinonasal; stylomandibular; subendocardial; urogenital; vestibulocochlear; anterosuperior; electrodermal; antidromic;</i></p>
Theory & scientific practice	14 types/114 tokens
	<p><i>analysis/-lyz/se (27); meta-analysis (11); paradoxical/-ly (11); neuropsychological (9); parameter (7); hypothesis/-ical/-ize/ (6); methodology/-ical (4); multidisciplinary (4); neurobiology/-ical (2);</i></p> <p><i>analogue/-uous/-logy (11); stereotype/-ical (9); heterogeneity/generous (8); prototypical (3); idiosyncratic (2);</i></p>
Linguistics & textual	7 types/14 tokens
	<i>homonymous (7); neuro-linguistic (2); eponym; monograph; pseudonym; diagram; synonym</i>
Social	8 types/110 tokens
	<i>autonomic (74); socio(-)economic (9); economic (7); psychosocial (7); suicide/-al (6); demographic/-s (5); noneconomic; biopsychosocial</i>
Art	1 type/2 tokens
	<i>architecture/-al (2)</i>
Philosophy & world view	1 type/4 tokens
	<i>philosophy/-ical (4)</i>
Everyday items	7 types/33 tokens

	<i>monocular</i> (11); <i>telephone</i> (9); <i>television</i> (6); <i>arthroscopy/-ic</i> (2); <i>telescope</i> (2); <i>binocular</i> (2); <i>photograph</i>
Undefined	35 types/91 tokens
	<i>condylar(in)ergic</i> (13); <i>oculomotor</i> (7); <i>multi(-)centre/-ed</i> (7); <i>exogenous</i> (6); <i>bidirectional</i> (5); <i>monophasic</i> (4); <i>neonate/-al</i> (4); <i>multiphasic</i> (3); <i>equivocal</i> (3); <i>multisystem</i> (3); <i>panorama/-ic</i> (2); <i>manometer</i> (2); <i>uniform</i> (2); <i>androgen</i> (2); <i>autologous</i> (2); <i>synthesis/-ic</i> (2); <i>somaesthetic</i> (2); <i>multifocal</i> (2); <i>multimodality</i> (2); <i>neurobehavioral</i> (2); <i>synergistic</i> (2); <i>anterograde</i> ; <i>phosphene</i> ; <i>gyriform</i> ; <i>empathetic</i> ; <i>pseudo-isochromatic</i> ; <i>psychodynamic</i> ; <i>radiolabeled</i> ; <i>somatosensory</i> ; <i>polymorph</i> ; <i>isointense</i> ; <i>multiforme</i> ; <i>multiplex</i> ; <i>multicountry</i> ; <i>multilevel</i>
Corpus II: Discussion forums on headaches & migraine	
Biology:	15 types/45 tokens
Disciplines & practitioners:	<i>biology/-ics/-ical</i> (4)
Microorganisms:	<i>helicobacter</i> (2); <i>microbial</i> (2); <i>acidophilus</i> ; <i>macrophages</i> ; <i>microorganisms</i>
Cytology:	<i>chromosome</i> (6); <i>mycoplasma</i> (4); <i>autosomal</i> ; <i>microglia</i>
Other:	<i>parasite</i> (15); <i>pesticide</i> (3); <i>bio-identical</i> (2); <i>bio-absorbable</i> ; <i>bioavailable</i>
Chemistry	138 types/1,106 tokens
General:	<i>oxygen/-ate</i> (69); <i>glucose</i> (28); <i>histamine/-minic</i> (11); <i>lactose</i> (9); <i>monosodium</i> (7); <i>ethanol</i> (6); <i>carbohydrate</i> (5); <i>hydrogen/-ate</i> (5); <i>amino acid</i> (4); <i>catalyst</i> (3); <i>hydrochloride</i> (3); <i>monoxide</i> (3); <i>tyramine</i> (3); <i>aerosol</i> (2); <i>bichromicum</i> (2); <i>formaldehyde</i> (2); <i>hydrolyzed</i> (2); <i>hydroxyl</i> (2); <i>lactoid</i> (2); <i>nitroglycerin</i> (2); <i>acetaldehyde</i> ; <i>acrylic</i> ; <i>aldactazide</i> ; <i>arachidic</i> ; <i>benzoate</i> ; <i>butylamine</i> ; <i>dextrose</i> ; <i>electrolysis</i> ; <i>glutamine</i> ; <i>lysine</i> ; <i>methanol</i> ;

<i>nitrogen; phenylalanine</i>	
Biochemistry:	<i>steroid/-al</i> (85); <i>melatonin</i> (56); <i>serotonin</i> (48); <i>(o)estrogen</i> (23); <i>progesterone</i> (20); <i>electrolyte</i> (16); <i>neurotransmitter</i> (11); <i>testosterone</i> (8); <i>allergen</i> (7); <i>acetylcholine</i> (6); <i>collagen</i> (6); <i>endorphin</i> (6); <i>h(a)emoglobin</i> (6); <i>niacin</i> (6); <i>glycemic</i> (5); <i>biochemical</i> (3); <i>fibrinogen</i> (3); <i>isotonic</i> (3); <i>amyloid</i> (2); <i>anti(-)phospholipid</i> (2); <i>anticardiolipin</i> (2); <i>catecholamines</i> (2); <i>endocrine</i> (2); <i>homocysteine</i> (2); <i>phytoestrogens</i> (2); <i>triglyceride</i> (2); <i>aldosterone</i> ; <i>autolyze</i> ; <i>cytokine</i> ; <i>dehydroepiandrosterone</i> ; <i>excitotoxins</i> ; <i>monoamine</i> ; <i>neurohormone</i> ; <i>non-serotonin</i> ; <i>oxidase</i> ; <i>pregnenolone</i> ; <i>pyridoxine</i> ; <i>thromboplastin</i> ; <i>triglycerin</i>
Pharmacology:	<i>amitriptyline</i> (122); <i>antibiotic</i> (113); <i>indomethacin</i> (27); <i>anti(-)histamine/-ic</i> (24); <i>prednisone</i> (24); <i>nortriptyline</i> (22); <i>analgesia/analgesic</i> (18); <i>diuretic</i> (17); <i>tri(-)cyclic</i> (15); <i>acetaminophen</i> (14); <i>hydrocodone</i> (14); <i>probiotics</i> (13); <i>clonazepam</i> (11); <i>cortisone</i> (10); <i>oxycodone</i> (10); <i>pseudoephedrine</i> (9); <i>methadone</i> (8); <i>vasodilatation</i> (6); <i>corticosteroid</i> (5); <i>poly(-)drug</i> (5); <i>butalbital</i> (4); <i>carbamazepine</i> (4); <i>hypoallergenic</i> (4); <i>methylprednisolone</i> (4); <i>multi(-)vitamin</i> (4); <i>pharmaceutical</i> (4); <i>pharmacology</i> (4); <i>acebutolol</i> (3); <i>amoxicillin</i> (3); <i>dihydroergotamine</i> (3); <i>diphenhydramine</i> (3); <i>non-steroidal</i> (3); <i>polypharmacology</i> (3); <i>hallucinogen/-ic</i> (2); <i>hydrochlorothiazide</i> (2); <i>hydroxyzine</i> (2); <i>immunosuppress/-iveing</i> (2); <i>monohydrate</i> (2); <i>opioid</i> (2); <i>prednisolone</i> (2); <i>triptyline</i> (2); <i>acetylsalicylic</i> ; <i>apo-nortriptyline</i> ; <i>chlorphenamine</i> ; <i>cholinergic</i> ; <i>cyclobenzaprine</i> ; <i>cyproheptadine</i> ; <i>dichloralphenazone</i> ; <i>doxylamine</i> ; <i>fludrocortisone</i> ; <i>hydrocortisone</i> ; <i>isometheptene</i> ; <i>lipoflavinoid</i> ; <i>metoclopramide</i> ; <i>multi-vit</i> ; <i>niacinamide</i> ; <i>nicardipine</i> ; <i>phenelzine</i> ; <i>physostigma</i> ; <i>protriptyline</i> ; <i>psychotropics</i> ; <i>spironolactone</i> ; <i>vancomycin</i> ;
Physics, mathematics	17 types/99 tokens

& technology	
Physics:	<i>electro(-)magnetic</i> (18); electrode (6); <i>microwave/-able</i> (6); <i>radiofrequency</i> (5); photochromatic
Geology:	<i>atmosphere/-ic</i> (4)
Mathematics measurement:	& <i>barometer/-ic</i> (14); <i>triangle</i> (10); orthogonal (8); <i>diameter</i> (5); <i>symmetric/-al</i> (3); <i>diagonal/-ly</i> (2); <i>milligram</i> (2); geometric ; rectangle ;
Technology:	<i>technology/-ical</i> (9); <i>geoengineering</i> (4)
Medicine	296 types/4,721 tokens
Disciplines practitioner:	& <i>neurology/-ic/-al/-ly/-logist</i> (1029); <i>cardiology/-ical/-ist</i> (61); <i>ophthalmology/-ic/-ist</i> (58); <i>neuro(-)surgeon/-ery/-ical</i> (53); <i>paediatric/-ian</i> (28); <i>psychiatry/-ic/-ist</i> (26); optometrist (18); <i>endocrinologist</i> (13); <i>neuro-ophthalmologist</i> (12); <i>physiology/-ic/-al/-ly</i> (12); <i>radiology/-ist</i> (11); <i>gynaecological/-ist</i> (9); <i>orthop(a)edic/-s/-ist</i> (9); <i>rheumatologist</i> (9); <i>dermatologist</i> (7); <i>epileptologist</i> (6); <i>paramedic</i> (6); <i>neuropsychiatrist</i> (5); audiologist (4); <i>gastro(-)enterologist</i> (4); <i>neuro-ophth</i> (4); allergologist (3); <i>neuro-endocrinologist</i> (3); <i>otolaryngology</i> (3); <i>neuro-ophtha</i> (2); <i>otoneurologist</i> (2); anesthesiologist ; endodontist ; hematologist ; <i>neuro-otologist</i> ; <i>neuropathologist</i> ; oncologist ; otologist ; pulmonologist ; rhinology
Pathology:	<i>allergy/-ic/-ist</i> (354); <i>neuralgia</i> (167); <i>hemiplegia</i> (148); <i>syndrome</i> (92); <i>epilepsy/-leptic</i> (81); <i>paralysis/-lyse/-ation/-er</i> (62); <i>hypothyroidism</i> (60); menopause (57); <i>sinusitis</i> (47); <i>fibromyalgia</i> (43); <i>apn(o)ea</i> (39); <i>arthritis/-ic</i> (39); <i>meningitis</i> (33); <i>pseudo(-)tumor</i> (25); <i>hypochondria/-ac</i> (24); <i>sclerosis</i> (21); <i>acephalgic</i> (20); <i>arteritis</i> (20); h(a)emorrhage (20); <i>osteopath/-ic/-y</i> (19); photophobia/-ic (19); <i>diarrh(o)ea</i> (18); <i>paranoia/-id</i> (16); hydrocephal(o)us/-y (15); <i>endometriosis</i> (14); <i>glaucoma</i> (13); <i>hypoglyc(a)emia/-ic</i> (13); <i>polyp</i> (13); <i>vasoconstriction/-ive/-or</i> (13); <i>barotrauma</i> (11); <i>neuritis</i> (11); neuropathy/-ic (11); <i>psycho(-)somatic</i>

(11); *auto(-)immune/-ity* (10); *papill(o)edema* (10); ***pathology/-ical*** (10); *vasculitis* (10); *atrophy* (9); *bi(-)polar* (9); *hyperthyroidism* (9); *osteoarthritis* (9); *scoliosis* (9); ***peri-menopause/-al*** (8); *bronchitis* (7); ***idiopathic*** (7); *mastoiditis* (7); *mini-stroke* (7); *pneumonia* (7); *tachycardia* (7); ***cephalgia*** (6); *colitis* (6); ***lipoma*** (6); *myoclonus* (6); *neurotoxic/-ity/-toxin* (6); ***pathogens/-genesis*** (6); *rheumatoid* (6); *costochondritis* (5); *postdrome* (5); *vasospasm* (5); ***angioma*** (4); *demyelinate/-tion* (4); *diverticulitis* (4); ***edema*** (4); ***hematoma*** (4); *hepatitis* (4); ***neuroma*** (4); *osteomyelitis* (4); ***osteophyte*** (4); ***phonophobia*** (4); *photosensitive/-ity* (4); ***scotoma*** (4); *varicose* (4); ***adenoid*** (3); *amaurosis* (3); *anaphylactic* (3); *barosinusitis* (3); *blepharospasm* (3); *electrodecremental* (3); *hyperparathyroidism* (3); *hypoparathyroidism* (3); ***meningioma*** (3); ***mesothelioma*** (3); ***myalgia*** (3); ***schizophrenia/-ic*** (3); *spondylitis* (3); *spondylosis* (3); *tendonitis* (3); ***allodynia*** (2); *aphasia* (2); *apoplexy* (2); *atherosclerosis* (2); *borreliosis* (2); *carboheadache* (2); *cystitis* (2); ***diplopia*** (2); *dysplasia* (2); *encephalitis* (2); *gliosis* (2); ***hyperglycemia*** (2); *kerataconus* (2); *lymphoma* (2); *metastatic* (2); *necrosis/ize* (2); ***ophthalmodynia*** (2); ***ophthalmoplegic*** (2); *palinopsia* (2); *paraneoplastic* (2); *prodrome* (2); *psychogenic* (2); ***radiculopathy*** (2); *rhinitis* (2); *sarcoidosis* (2); *scleritis* (2); ***varicocele*** (2); ***adenoma***; ***agoraphobic***; ***aichmophobia***; ***angiotensin***; *anterolisthesis*; *apathy*; *apraxia*; *astrocytoma*; *ataxia*; ***belonephobia***; ***bradycardic***; *bronchospasm*; ***carcinoma***; *cardiomyopathy*; ***carotidynia***; *cellulitis*; ***claustrophobia***; *conjunctivitis*; *craniopathic*; *craniosynostosis*; ***cytoma***; *dermoid*; ***diplegia***; ***dyshomeostasis***; *dystonia*; *dystrophic*; *ectopia*; ***enteropathy***; *epidermoid*; *epididymitis*; *fibroids*; *gastritis*; *gastroparesis*; *gingivitis*; ***granuloma***; ***heterotopia***; *hyperchondriac*; *hyperuricemia*; *hyponatremia*; *leukoariosis*; *microadenoma*;

	<p><i>migraine</i>; <i>mononucleosis</i>; <i>mucoic</i>; <i>myopia</i>; neoplasia; neuralgiform; <i>neurofibromatosis</i>; <i>neurosis</i>; <i>non-allergic</i>; <i>nonepileptic</i>; <i>oesophagitis</i>; oscillopsia; osteoma; <i>osteoporosis</i>; <i>pancreatitis</i>; <i>pathophysiological</i>; <i>pheochromocytoma</i>; <i>phonosensitivity</i>; plagiocephaly; <i>polycystic</i>; <i>polymyalgia</i>; <i>polymyositis</i>; <i>polyneuropathy</i>; post-menopause; <i>pro/post-drome</i>; <i>pseudocyst</i>; <i>pseudoseizures</i>; <i>psychotic</i>; <i>radioablation</i>; <i>rotoscoliosis</i>; sarcoma; somatofom; <i>sternocleidomastoids</i>; teleopsias</p>
Therapeutic:	<p>chiropractic/-or/-ory (173); <i>acupuncture/-ist</i> (142); <i>biofeedback</i> (55); orthodontic/-s/-st (23); hysterectomy (17); craniotomy (14); hom(o)eopath-y/-ic/-ics (14); septoplasty (10); <i>acupressure</i> (5); <i>physiotherapy/-ist</i> (5); <i>prognosis</i> (5); rhizotomy (4); arthroscopic (3); laminectomy (3); oroplasty (3); <i>sclerotherapy</i> (3); autopsy (2); <i>cryoablation</i> (2); disc/ectomy (2); ketogenic (2); <i>microsurgical</i> (2); <i>orthosis</i> (2); <i>orthostatic</i> (2); <i>psychotherapy</i> (2); angioplasty; antrostomy; <i>arthrocentesis</i>; <i>cardioseal</i>; <i>electrostimulation</i>; ergonomics; ethmoidectomy; <i>hydrotherapy</i>; <i>hypnotherapy</i>; hypnotism; immunological; isometric; lobectomy; <i>microendoscopic</i>; <i>neurostimulators</i>; <i>radio-surgery</i>; reflexology; <i>self-hypnosis</i>; sinuplasty; thyroidectomy; vitrectomy</p>
Diagnostics:	<p><i>diagnosis/-gnose/-stic</i> (739); myelogram (16); <i>undiagnosed</i> (14); biopsy (9); echocardiogram (9); endoscope/-y/-ic (9); angiogram (7); cisternogram (4); colonoscopy (3); <i>self-diagnosed</i> (2); ultrasonography (2); audiometry; <i>electrocardiogram</i>; <i>electroencephalogram</i>; <i>electromyography</i>; <i>electronystagmography</i>; fluoroscope; glucometer; <i>polysomnography</i>; <i>radiographically</i>; <i>redesignated</i>; sonogram; spiograph; spirometry; <i>undiagnosable</i></p>
Anatomy physiology	& 45 types/314 tokens

Anatomy:	<i>trigeminal</i> (53); <i>neuro(-)muscular/-ly</i> (46); <i>epidural</i> (26); <i>bi(-)lateral/-ly</i> (16); <i>cervicogenic</i> (15); <i>cerebrospinal</i> (14); <i>unilateral</i> (13); <i>cardiovascular</i> (11); <i>hemisphere/-ic/-al</i> (11); <i>myofascial</i> (11); <i>musculoskeletal/-ly</i> (9); <u><i>ophthalmic</i></u> (9); <i>temporomandibular</i> (9); <u><i>mastoid</i></u> (7); <u><i>sphenoid</i></u> (7); <u><i>neuron/-al</i></u> (6); <u><i>ethmoid</i></u> (5); <i>cranio(-)sacral</i> (4); <i>gastrointestinal</i> (4); <i>cerebrovascular</i> (3); <u><i>mycelium</i></u> (3); <u><i>sacroiliac</i></u> (3); <i>cranio-mandibular-cervical</i> (2); <i>esophagus</i> (2); <i>maxillofacial</i> (2); <i>myofunctional</i> (2); <i>neuroscience</i> (2); <u><i>subarachnoid</i></u> (2); <u><i>arachnoid</i></u> ; <i>arteriovenous</i> ; <i>biomechanics</i> ; <i>craniofacial</i> ; <i>cribriform</i> ; <i>diaphragm</i> ; <i>endothelial</i> ; <i>endovenous</i> ; <i>epicrania</i> ; <i>extraaxial</i> ; <i>gastroesophageal</i> ; <i>lumbosacral</i> ; <i>neurovascular</i> ; <i>physiosomatic</i> ; <i>sphenopalatine</i> ; <i>vasovagal</i> ; <i>vertebrobasilar</i>
Theory & scientific practice	5 types/22 tokens <i>analysis/analys/ze</i> (10); <u><i>hypothesis/-ize</i></u> (8); <i>multidisciplinary</i> ; <i>stereotype</i> (2); <u><i>paradoxical</i></u> <i>microscope/-pic</i>
Linguistics & textual	5 types/11 tokens <i>paragraph</i> (7); <i>bibliographical</i> ; <u><i>diagram</i></u> ; <u><i>synonymy/-ous</i></u> ; <i>terminology</i>
Social	6 types/6 tokens <i>anthropologists</i> ; <i>automum</i> ; <i>autonomic</i> ; <i>democrat</i> ; <i>economics</i> ; <i>multigenerational</i>
Philosophy & world view	2 types/2 tokens <i>astrologist/-ical</i> ; <i>macrobiotic</i>
Everyday items	9 types/457 tokens <i>tripod</i> (441); <i>television</i> (7); <i>telephone</i> (3); <i>automobile</i> ; <i>automotive</i> ; <i>auto-pilot</i> ; <i>helicopters</i> ; <i>monocular</i>

Undefined	29 types/147 tokens
	<i>suicide</i> (35); <i>psychology/-ical/-ly/-ist</i> (33); <i>sympathy/-etic/-iz/se</i> (22); <i>empathy/-etic/-ize</i> (9); <i>microgoo</i> (7); <i>exogenous</i> (4); <i>biostar</i> (3); <i>neuro-boost</i> (3); <i>synthesis/-thetic</i> (3); <i>triathlon/-ete</i> (3); <i>android</i> (2); <i>ecstatic</i> (2); <i>extraordinary/-ily</i> (2); <i>microbrew</i> (2); <i>mini-solution</i> (2); <i>multi(-)coloured</i> (2); <i>biofinishers</i> ; <i>extra-strength</i> ; <i>macrocrystals</i> ; <i>microcrack</i> ; <i>micromanaging</i> ; <i>mini-sauna</i> ; <i>multi-day</i> ; <i>non-allergenic</i> ; <i>orthogonist</i> ; <i>panoply</i> ; <i>panoramic</i> ; <i>telekinetic</i> ; <i>uniform</i>

Corpus III: Books by proponents of Intelligent Design creationism

Biology:	122 types/3,478 tokens
Disciplines & practitioners:	<i>biology/biological/-ly/biologist</i> (1790); <i>biochemistry/biochemist/biochemical/-ly/biochemical-like</i> (331); <i>embryology/-logist/logical</i> (62); <i>physiology/-logist/-logical</i> (26); <i>paleoanthropology/-logist/-logical</i> (18); <i>zoology/-logist/-logical</i> (18); <i>non(-)biological/-biologist</i> (14); <i>ecology/ecologist/ecological</i> (10); <i>microbiology/-biologist</i> (9); <i>biophysics/-physicist/-physical</i> (8); <i>biogeography/geographical</i> (7); <i>paleobiology/-logist/-logical</i> (6); <i>bioinformatics</i> (4); <i>ornithologist</i> (4); <i>sociobiology</i> (4); <i>proteomics</i> (2); <i>biohistorical</i> ; <i>bioscience</i> ; <i>entomologist</i>
Paleontology:	<i>paleontology/-logist/-logical</i> (134); <i>archaeopteryx</i> (85); <i>hominid</i> (14); <i>archaebacteria</i> (10); <i>triceratops</i> (10); <i>archaeoraptor</i> (7); <i>australopithecine</i> (3); <i>basilosaurus</i> (3); <i>australopithecus</i> (2); <i>mycoplasma</i> (2); <i>anthropoid</i> ; <i>archeocete</i> ; <i>centipedes</i> ; <i>eohippus</i> ; <i>hyracootherium</i> ; <i>ichthyostega</i> ; <i>megakaryocytes</i> ; <i>mesohippus</i> ; <i>microfossils</i> ; <i>miohippus</i> ; <i>theromorphs</i> ; <i>tyrannosaurus</i>
Microorganisms:	<i>euc/karya/-karyote/-ic</i> (42); <i>microbes/-bial</i> (31); <i>microorganism</i> (20); <i>bacteriophage</i> (10); <i>eubacteria/-bacterial</i> (4); <i>lysogenic</i> (2); <i>macrophages</i> (2); <i>angiosperm</i> ; <i>chromobacterium</i> ; <i>mesorhizobium</i> ; <i>saccharomyces</i>
Evolution	& <i>phylogeny/-genist/-genic</i> (52); <i>phylogenetic/-geneticist</i>

taxonomy:	(28); <i>macro(-)mutation/-al/-alist</i> (25); <i>macro(-)evolution/-ary</i> (22); biogenesis/ bio(-)genetic/biogenic (20); ontogeny/-genic (18); <i>micro(-)mutation/-al</i> (16); orthogenesis/-genetic (13); <i>pseudogene</i> (10); genealogy/-logical/-ly (9); abiogenesis (5); ontogenetic (3); morphogenesis/-genetic (2); phylogenomics (2); <i>pan-reductionism</i> ; <i>pan-selectionism</i> ; polymorphism ; polyphyletic <i>octopus</i> (8); <i>melanogaster</i> (4); <i>chronospecies</i> (3); <i>ectotherms</i> (3); monophyletic (3); <i>phylotypic</i> (3); arthropod (2); <i>monotremes</i>
Cytology:	<i>genome/genomic</i> (91); ribosome/-somal (63); <i>cytosine</i> (43); chromosome/-al (42); <i>lysosome/-somal</i> (26); <i>multi(-)celled/-cellular</i> (26); cytoplasm (15); <i>phenotype/-typical/-ly</i> (15); <i>genotype</i> (13); <i>polynucleotide</i> (12); <i>deoxyribose</i> (10); cytochrome (5); endoplasmic (5); lymphocytes (4); <i>meiosis/meiotic</i> (4); granulocytes (3); <i>deoxynucleotides</i> (2); erythroblast (2); <i>heterozygosity</i> (2); neutrophil (2); <i>oligonucleotides</i> (2); centromere ; <i>cyto-architectural</i> ; <i>cytodifferentiation</i> ; <i>cytokine</i> ; hemocytoblast ; iso-1-cytochrome ; <i>phagocytosis</i> ; spermatocyte
Other:	<i>anthropic</i> (32); <i>parasite/parasitic</i> (17); insecticide (12); <i>biofilm</i> (11); <i>ecosystem</i> (11); <i>biosynthesis/-synthetic</i> (10); sybiogenesis/sybiogenetic/sybiogenic (9); embryogenesis (3); <i>biosystems</i> (2); nonbiogenic (2); <i>biocentricity</i> ; <i>biodiversity</i> ; phytoeny ; spermatozoa
Chemistry	105 types/2,038 tokens
General:	<i>amino(-)acid</i> (684); synthesis/synthesist/synthesize/synthetic (279); oxygenic (212); hydrogen (146); <i>glycine</i> (43); polymer/-meric/-merize/-merization (37); <i>lactose</i> (29); <i>hydroquinone</i> (20); <i>macro(-)molecule/-molecular</i> (18); <i>lysine</i> (16); <i>polypeptide</i> (16); <i>carbohydrate</i> (15); isomer/-ize (15); <i>leucine</i> (15); monomer (13); <i>histidine</i> (10); <i>isoleucine</i> (10); <i>prote(i)noids</i> (10); <i>glucose</i> (9); <i>hydrate/-tion</i> (9); hydrophobic (9); carboxyl/-ic (8); <i>poly(-)sacc(h)arides</i> (7); hydrolysis/hydrolyze (6); <i>formaldehyde</i> (5);

	<p><i>hydrocarbon</i> (5); hydrophilic (5); <i>hydrochloric</i> (4); <i>auto(-)catalytic</i> (3); <i>tricycle</i> (3); <i>allolactose</i> (2); <i>formyl/formylating</i> (2); <i>galactose</i> (2); <i>mannose-6-phosphate</i> (2); <i>multi-protein</i> (2); <i>ribotide</i> (2); <i>aminobutyric</i>; <i>cellophane</i>; chloroform; <i>cyanohydrin</i>; deoxygenate; <i>dioxide-nitrogen</i>; electrolyte; <i>endothelin-2</i>; <i>glyceraldehyde</i>; glycolysis; <i>histamines</i>; <i>histidine</i>; <i>homochirality</i>; <i>hydrochloride</i>; hydroxyl; <i>laminoimidazole</i>; <i>micromolecules</i>; <i>monosaccharides</i>; <i>monosodium</i>; <i>monoxide</i>; <i>tricarboxylic</i>; <i>triphosphate</i></p>
Biochemistry:	<p><i>melanin/-ism</i> (52); <i>hemoglobin</i> (44); <i>fibrinogen</i> (43); <i>polymerase</i> (36); plasminogen (23); <i>ribozyme</i> (23); <i>biomolecule/-molecular</i> (17); <i>myoglobin</i> (11); <i>endorphin</i> (9); <i>biomacromolecules</i> (8); dehydrogenase (8); <i>immunoglobulin</i> (5); <i>adenylosuccinate</i> (4); collagen (4); telomere (4); <i>bradykinin</i> (3); endocrine (3); <i>erythropoietin</i> (3); <i>galactosidases</i> (3); merocrine (3); <i>amidophosphoribosyl(y)</i> (2); <i>autoinduce/-er</i> (2); carboxylase (2); <i>cyclohydrolase</i> (2); <i>deoxyribonucleic</i> (2); <i>glucagon</i> (2); <i>photopigment</i> (2); <i>thrombomodulin</i> (2); thromboplastin (2); <i>topoisomerase</i> (2); <i>aldosterone</i>; <i>biopolymers</i>; chlorophyll; <i>cholecystokinin</i>; <i>cyclase</i>; <i>formyltransferase</i>; <i>glycogen</i>; <i>glycosidase</i>; <i>hexokinase</i>; <i>hydrolase</i>; <i>lipase</i>; <i>lysozyme</i>; <i>melatonin</i>; <i>neurochemicals</i>; <i>somatostatin</i>; <i>succinocarboxamide</i>; <i>triiodothyronine</i></p>
Physics, mathematics & technology	49 types/634 tokens
Physics:	<p><i>micro(-)states</i> (45); astronomy/astronomer/-ical/ically/ (34); <i>thermodynamics/-dynamic/-ally</i> (33); crystallography/-graphic (15); <i>electromagnetic</i> (7); <i>asteroid</i> (6); <i>astrophysics/-physicist</i> (4); electrode (4); <i>electrostatic</i> (3); <i>aerodynamic</i>; <i>metallurgist</i></p>
Geology:	<p><i>geology/-logist/-logical/-ly</i> (116); <i>atmosphere/atmospheric</i> (97); geographic/-al (28); <i>geosynclines/-synclinal</i> (22); <i>geo(-)chemist/-chemical</i> (8); <i>geophysics/-physicist/-physical</i> (6); <i>biosphere</i> (3); eocene (3); orogeny/-genies (3); <i>carboniferous</i>; stratigraphic;</p>

<i>topography</i>	
Mathematics & measuring	<i>logarithm</i> (16); <i>symmetry/-metrical/-ly</i> (12); <i>diameter</i> (11); <i>geometry/-metric/-ally</i> (10); <i>cybernetics/-ally/cybernetic</i> (9); <i>macroscopic</i> (8); <i>triangle/-angular/-angulator</i> (8); <i>centimeters</i> (3); <i>microsecond</i> (3); <i>multitrillion</i> (2); <i>kilogram/ kilogram²; kilometer; logico-algebraic; logico-arithmetical; logico-deductive; logico-telic; multi-ton; rectangular; rectilinearity</i>
Technology	<i>technology/-logist/-logical/-ly</i> (82); <i>astronaut</i> (11); <i>bioengineering</i> (3); <i>biotechnology</i> (2); <i>aeronautics; cosmonaut; microchip</i>
Medicine	39 types/131 tokens
Disciplines & practitioner:	<i>neurology/-logical</i> (14); <i>immunology/-logical/-logist</i> (9); <i>pathology/-logical</i> (5); <i>cardiology</i> (2); <i>endocrinology</i> (2); <i>hematology</i> (2); <i>neurobiology</i> (2); <i>phrenology</i> (2); <i>biomedical; gerontology; oncology; orthodontics</i>
Pathology:	<i>melanics/melanic</i> (30); <i>menopause</i> (11); <i>hemophilia</i> (5); <i>psychopaths</i> (5); <i>hemorrhage</i> (4); <i>anterobithorax</i> (3); <i>appendicitis</i> (2); <i>andropause</i> ; <i>arteriosclerosis; dermatabrasions; dyslexia; encephalitis; epileptics; exocytosis; hepatitis; hypoglycemia; hypothermia; lymphoma; meningitis; mononucleosis; neurodegenerative; paranoia; paraphernalia</i>
Therapeutic:	<i>psychoanalysis/-analyst/-analytic</i> (3); <i>appendectomy</i>
Diagnostics:	<i>diagnosis/diagnose/diagnostics/diagnostic</i> (8); <i>biopsy</i>
Anatomy & physiology	39 types/261 tokens
Anatomy:	<i>micro(-)tubule/-tubular</i> (67); <i>morphology/-logic/-al</i> (50); <i>gastrointestinal</i> (18); <i>pancreas</i> (13); <i>esophagus/-phageal</i> (10); <i>pentadactyl</i> (8); <i>isomorphic/-morphism</i> (6); <i>epidermis/-dermal</i> (5); <i>microfilaments</i> (5); <i>musculoskeletal</i> (5); <i>chloroplast</i> (4); <i>cytoskeleton</i> (4); <i>hemisphere</i> (3); <i>tetrapods</i> (3); <i>biometric</i> (2); <i>cephalopod</i> (2); <i>diaphragm</i> (2); <i>ectodermal</i> (2); <i>hypodermis</i> (2);

		<i>photoreceptors</i> (2); <i>axonemal</i> ; <i>cerebrospinal</i> ; <i>exoskeleton</i> ; <i>genuflection</i> ; <i>microstructure</i> ; <i>microvilli</i> ; <i>pseudopods</i> ; <i>quadrupedal</i> ; <i>stereocilia</i>
Physiology:		<i>photosynthesis/-synthetic</i> (24); <i>biorhythm</i> (5); <i>autotroph/trophy</i> (2); <i>haemostasis</i> (2); <i>bioluminescence</i> ; <i>biotrophical</i> ; <i>hemolymph</i> ; <i>neurophysiology</i> ; <i>omnivorous</i> ; <i>phototaxis</i>
Theory & scientific practice	&	26 types/974 tokens
		<i>hypothesis/hypothesize/hypothetical/-ly</i> (368); <i>methodology/-logical/-ly</i> (137); <i>extrapolate/-ation</i> (32); <i>taxonomy/-nomist/-nomic</i> (13); <i>parameter</i> (12); <i>dialectic/-al/-ly/dialectica</i> (5); <i>topology/-logical</i> (2); <i>hypothetico-deductive</i> ; <i>propaedeutic</i> ; <i>typology</i>
		<i>homology/-logue/-logous/-logy</i> (170); <i>equivalence/-valency/-valent</i> (89); <i>paradox/-ical/-ly</i> (33); <i>dichotomy</i> (8); <i>homogeneous/-genize</i> (7); <i>disanalogy/-analogical</i> (3); <i>idiosyncratic</i> (3); <i>heterogeneous</i>
		<i>microscope/-scopic/-scopist/-scopy</i> (72); <i>telescope</i> (6); <i>spectrometry</i> (3); <i>gyroscopes</i> (2); <i>microarrays</i> (2); <i>micrographs</i> ; <i>seismometer</i> ; <i>thermometer</i>
Linguistics textual	&	23 types/181 tokens
		<i>dialogue</i> (42); <i>paragraph</i> (29); <i>tautology/-logical/-ly</i> (28); <i>monograph</i> (14); <i>diagram</i> (12); <i>terminology</i> (9); <i>soliloquy</i> (7); <i>typography/-graphic/-al</i> (6); <i>autobiography/graphical</i> (5); <i>bibliography</i> (5); <i>acronym</i> (4); <i>hieroglyphics/-glyphic</i> (4); <i>paraphrase</i> (3); <i>biography/-graphical</i> (2); <i>Indo-European</i> (2); <i>orthographic</i> (2); <i>dialect</i> ; <i>eulogy</i> ; <i>euphemism</i> ; <i>heteronym</i> ; <i>histograms</i> ; <i>multilingual</i> ; <i>palindromic</i>
Social		21 types/148 tokens
		<i>economy/economics/economic/-ally</i> (23); <i>democracy/-crat/cratic</i> (17); <i>monopoly/-polize/-polist/-ic</i> (13); <i>autonomy/nomous</i> (10); <i>demographics/-graphic</i> (5); <i>homosexual/-ity</i> (4); <i>monogamy/-gamous</i> (4); <i>polygamy</i> (3); <i>homicides/-cidal</i> (2); <i>stereotype/-typical</i> (2); <i>Anglo-</i>

		<i>Saxon; Franco-Russian; metropolitan; multiculturalism; multinational; multiregional; patriarchy</i>
		<i>anthropology/anthropologist (30); arch(a)eology/-logist/logical (25); sociology/sociologist/sociological (2); pedagogy</i>
Art	5 types/32 tokens	
		<i>architect (18); symphony (8); iconography (4); lithography; pantomime</i>
Philosophy & world view	43 types/1,315 tokens	
		<i>philosophy/-sopher/-sophic/-al/-ly (428); theology/-logian/-logical/-ly (300); neo-Darwinism/-Darwinist/-Darwinian (159); teleology/-logist/-logic/-al/-ly (103); cosmology/-logist/-logical/-ly (58); orthodoxy/-dox (56); ontology/-logical/-ly (39); ideology/-logical/-ly/-logist (34); micro(-)evolution/-ary (22); nomological/-ly (14); eugenics/eugenic (13); pan(-)spermia (12); non(-)teleological/-ly (8); omnipotence/-potent (8); Jud(a)eo-Christian (5); panentheism/-entheist/-ic (5); anthropomorphic/-morphism/morphize (4); astrology (4); omniscience/-scient (4); phenomenological (4); dysteleology/-logical (3); heliocentric (3); pantheism/-theist (3); bioethics/-ethical (2); monotheistic (2); neopositivist/-ic (2); neo-pragmatism/-ist (2); pangenesis (2); teleo-nomological/-ly (2); calisthenics; cosmogony; cosmo-theology; decalogue; euthanasia; geocentrism; hagiography; neo-Laplacian; neoplatonic; ontic-nomothetic; panpsychism; science-theology; teleomechanists; totipotent</i>
Everyday items	13 types/83 tokens	
		<i>telephone (28); television (14); automobile (11); photograph/-grapher/-graphic (6); binocular (5); autopilot (4); helicopter (4); telegraph (3); hydraulic (2); microphone (2); microwave (2); echolocation; trifocals</i>
Undefined	40 types/233 tokens	

psychology/-logist/-logical/-ly (64); *extraterrestrial* (40);
cryptography/-grapher/graphic (19);
sympathy/sympathize/sympathizer/sympathetic/-ally (17);
pseudo(-)science/-tist-ic/ (15); *steganography/-graphic/-
grapher* (15); *multipart* (9); *cryptosystem* (5);
equivocating/-vocation/-vocal (4); *holocaust* (4);
multifaceted (3); *multilayered* (3); *steganalysis* (3);
holographic (2); *multitasking* (2); *monotonic/-tonous* (2);
polymath; *pseudo(-)copy* (2); *pseudo-knowledge*;
spatiotemporal (2); *bioessays*; ***chronological***;
cryptanalysis; ***endogenously***; *equidistance*; *exogenously*;
histocompatibility; *micro-innovation*; *multifarious*;
multipronged; *multipurpose*; *multi-sided*; *multisubunit*;
multiworld; *panchronic*; ***panoramic***; ***proprioceptors***;
taxidermists; ***telepathy***; ***theometer***