Addendum 1 to Eirik Ofstad's Master's Thesis in Psycholinguistics (2019)

The Established Compound Noun category consists of orthographically contiguous CNs that are frequently in use in American English, as evidenced by their frequencies when run through the SubtLex corpus. The CNs are presented as primes, and their constituents as targets (see Addendum 2 for extensive frequency list). Lines included only show the related prime condition, and unrelated lines are not listed. As such, it should be mentioned that for each 2 lines presented, 4 lines were present in the Lexical Decision Task:

Toothbrush	Waterfall	TOOTH	BRUSH
Waterfall	Toothbrush	WATER	FALL
Toothbrush	Waterfall	WATER	FALL
Waterfall	Toothbrush	TOOTH	BRUSH

The Novel Compound Noun category consists of artificially produced contiguous CNs where constituent nouns are randomly generated one and two-syllable nouns. The CNs are presented as primes, and their constituents as targets (see Addendum 2 for extensive frequency list of target words).

The Control category consists of fake compound words, which act as unrelated primes for control non-word targets. This list is modelled based on Paul Meara & colleagues' list of plausible English non-words for Yes and No tests (2001). These will be randomly littered throughout the LDT.

Entries marked in red signify their having been removed due to irregular corpus frequency.

Established CN category: 50 lines (+50) / 4 conditions = **100 total, 25 per condition**
Novel CN category: 50 lines x 2 possible outputs = **100 total, 25 per condition**
Control category: 200+ lines x 1 possible output = **200 total, 200 per condition**

Established Compound Nouns (category one) (100 total, 25 per cond.)

Related prime	Unrelated prime	Target (C1)	Target (C2)
Toothbrush	Waterfall	TOOTH	BRUSH
Waterfall	Toothbrush	WATER	FALL
Lifetime	Crosswalk	LIFE	TIME
Crosswalk	Lifetime	CROSS	WALK
Moonlight	Weatherman	MOON	LIGHT
Weatherman	Moonlight	WEATHER	MAN
Backbone	Earthquake	BACK	BONE
Earthquake	Backbone	EARTH	QUAKE
Blackboard	Software	BLACK	BOARD
Software	Blackboard	SOFT	WARE
Football	Marketplace	FOOT	BALL
Marketplace	Football	MARKET	PLACE
Notebook	Background	NOTE	BOOK
Background	Notebook	BACK	GROUND
Pancake	Hallway	PAN	CAKE
Hallway	Pancake	HALL	WAY
Armpit	Bathroom	ARM	PIT
Bathroom	Armpit	BATH	ROOM
Bedtime	Dishwasher	BED	TIME
Dishwasher	Bedtime	DISH	WASHER
Footprint	Drumstick	FOOT	PRINT
Drumstick	Footprint	DRUM	STICK
Toothbrush	Seafood	TOOTH	BRUSH
Seafood	Toothbrush	SEA	FOOD
Sunglasses	Windmill	SUN	GLASSES
Windmill	Sunglasses	WIND	MILL
Courthouse	Cowboy	COURT	HOUSE

Cowboy	Courthouse	COW	BOY
Eyebrow	Fishbowl	EYE	BROW
Fishbowl	Eyebrow	FISH	BOWL
Teaspoon	Teardrop	TEA	SPOON
Teardrop	Teaspoon	TEAR	DROP
Sailboat	Password	SAIL	BOAT
Password	Sailboat	PASS	WORD
Housekeeper	Grasshopper	HOUSE	KEEPER
Grasshopper	Housekeeper	GRASS	HOPPER
Heartbeat	Iceberg	HEART	BEAT
Iceberg	Heartbeat	ICE	BERG
Clockwork	Wallpaper	CLOCK	WORK
Wallpaper	Clockwork	WALL	PAPER
Keyhole	Daydream	KEY	HOLE
Daydream	Keyhole	DAY	DREAM
Countdown	Landslide	COUNT	DOWN
Landslide	Countdown	LAND	SLIDE
Campfire	Eyeball	CAMP	FIRE
Eyeball	Campfire	EYE	BALL
Jetpack	Toothpaste	JET	PACK
Toothpaste	Jetpack	TOOTH	PASTE
Snowflake	Surfboard	SNOW	FLAKE
Surfboard	Snowflake	SURF	BOARD
Policeman	Goldsmith	POLICE	MAN
Goldsmith	Policeman	GOLD	SMITH
Racehorse	Landlord	RACE	HORSE
Landlord	Racehorse	LAND	LORD
Armchair	Whirlpool	ARM	CHAIR
Whirlpool	Armchair	WHIRL	POOL

Haircut	Textbook	HAIR	CUT
Textbook	Haircut	TEXT	BOOK
Airplane	Sandbox	AIR	PLANE
Sandbox	Airplane	SAND	BOX
Videogame	Housewife	VIDEO	GAME
Housewife	Videogame	HOUSE	WIFE
Sunlight	Tabletop	SUN	LIGHT
Tabletop	Sunlight	TABLE	TOP
Raindance	Treehouse	RAIN	DANCE
Treehouse	Raindance	TREE	HOUSE
Raindance	Baseball	RAIN	DANCE
Keyboard	Carpark	KEY	BOARD
Carpark	Keyboard	CAR	PARK
Waterfall	Raincloud	WATER	FALL
Raincloud	Waterfall	RAIN	CLOUD
Headache	Cornfield	HEAD	ACHE
Cornfield	Headache	CORN	FIELD
Coffeemaker	Razorblade	COFFEE	MAKER
Razorblade	Coffeemaker	RAZOR	BLADE
Sandstorm	Storybook	SAND	STORM
Storybook	Sandstorm	STORY	BOOK
Motorcycle	Chainsaw	MOTOR	CYCLE
Chainsaw	Motorcycle	CHAIN	SAW
Handwriting	Cornerstone	HAND	WRITING
Cornerstone	Handwriting	CORNER	STONE
Sandpaper	Framework	SAND	PAPER
Framework	Sandpaper	FRAME	WORK
Paperback	Framework	PAPER	BACK
Framework	Paperback	FRAME	WORK

Classroom	Trademark	CLASS	ROOM
Trademark	Classroom	TRADE	MARK
Railroad	Graveyard	RAIL	ROAD
Graveyard	Railroad	GRAVE	YARD
Homeland	Seafood	HOME	LAND
Seafood	Homeland	SEA	FOOD
Handgun	Lipstick	HAND	GUN
Lipstick	Handgun	LIP	STICK
Wheelchair	Bathtub	WHEEL	CHAIR
Bathtub	Wheelchair	BATH	TUB
Footwear	Girlfriend	FOOT	WEAR
Girlfriend	Footwear	GIRL	FRIEND
Bodyguard	Pancake	BODY	GUARD
Pancake	Bodyguard	PAN	CAKE
Coastline	Spaceship	COAST	LINE
Spaceship	Coastline	SPACE	SHIP
Boyfriend	Rainbow	BOY	FRIEND
Rainbow	Boyfriend	RAIN	BOW

Novel Compound Nouns (category two) (100 total, 25 per cond.)

Novel compound	Unrelated word	Target (C1)	Target (C2)
Waterground	River	WATER	GROUND
Earthlord	Birthday	EARTH	LORD
Underword	Computer	UNDER	WORD
Landman	Difference	LAND	MAN
Horsewind	Office	HORSE	WIND
Keysable	Relation	KEY	SABLE
Swordcat	Promotion	SWORD	CAT

Horseboat	Newspaper	HORSE	BOAT
Dogforest	Strategy	DOG	FOREST
Chairwood	Addition	CHAIR	WOOD
Skyman	Protection	SKY	MAN
Problemfish	Manager	PROBLEM	FISH
Waternumber	Reflection	WATER	NUMBER
Rainhill	Historian	RAIN	HILL
Tablebook	Disaster	TABLE	BOOK
Lightpaper	Intention	LIGHT	PAPER
Wrathfeeling	Preference	WRATH	FEELING
Letterface	Suggestion	LETTER	FACE
Marketball	Procedure	MARKET	BALL
Basketplace	Sympathy	BASKET	PLACE
Eggmoney	Quality	EGG	MONEY
Bottleplay	Situation	BOTTLE	PLAY
Backstone	Currency	BACK	STONE
Formfriend	Agency	FORM	FRIEND
Sunpit	Variation	SUN	PIT
Backapple	Construction	BACK	APPLE
Framepiece	Perspective	FRAME	PIECE
Handboy	Appointment	HAND	BOY
Bathbull	Accident	BATH	BULL
Cookday	Revenue	COOK	DAY
Motorfood	Safety	MOTOR	FOOD
Sandline	Signature	SAND	LINE
Railscape	Proposal	RAIL	SCAPE
Butterhand	Republic	BUTTER	HAND
Dashtail	Professor	DASH	TAIL
Landsun	Apartment	LAND	SUN

Shelfkey	Marketing	SHELF	KEY
Classplace	Equipment	CLASS	PLACE
Bottlestick	Solution	BOTTLE	STICK
Bookmate	Surgery	BOOK	MATE
Milewear	Direction	MILE	WEAR
Tradeshop	Internet	TRADE	SHOP
Shipmark	Conclusion	SHIP	MARK
Spoonvideo	Leadership	SPOON	VIDEO
Forklady	Permission	FORK	LADY
Mouseglass	Department	MOUSE	GLASS
Lineache	Location	LINE	ACHE
Tubpain	Description	TUB	PAIN
Targetface	Editor	TARGET	FACE
Windowknife	Atmosphere	WINDOW	KNIFE
Heartmood	Director	HEART	MOOD
Townson	Library	TOWN	SON
Poemfact	Enthusiasm	POEM	FACT
Newsmeat	Candidate	NEWS	MEAT
Dirtchest	Injury	DIRT	CHEST
Lakegate	Arrival	LAKE	GATE
Thingbath	Criticism	THING	BATH
Breaddesk	Employment	BREAD	DESK
Mudshirt	Database	MUD	SHIRT
Weeksong	Energy	WEEK	SONG
Cheekbreath	Profession	CHEEK	BREATH
Toothdeath	Employer	TOOTH	DEATH
Earmap	Charity	EAR	MAP
Artcell	Confusion	ART	CELL
Mathwealth	Attention	MATH	WEALTH

Teadebt	Argument	TEA	DEBT
Sciencemall	Statement	SCIENCE	MALL
Deskchurch	Family	DESK	CHURCH
Geneheight	Reality	GENE	HEIGHT
Birdwood	Ambition	BIRD	WOOD
Sonmom	Medicine	SON	MOM
Lawbeer	Selection	LAW	BEER
Skillmonth	Industry	SKILL	MONTH
Bloodthing	Agreement	BLOOD	THING
Goalsoup	Departure	GOAL	SOUP
Kingear	History	KING	EAR
Meatclothes	Employee	MEAT	CLOTHES
Nightdeath	Assistance	NIGHT	DEATH
Labtooth	Collection	LAB	TOOTH
Cheekchest	Alcohol	CHEEK	CHEST
Birdroad	Cabinet	BIRD	ROAD
Girlmode	Chemistry	GIRL	MODE
Artworld	Camera	ART	WORLD
Meatlake	Magazine	MEAT	LAKE
Flighthall	Instruction	FLIGHT	HALL
Growthdisk	Maintenance	GROWTH	DISK
Shirthat	Chocolate	SHIRT	HAT
Waymeal	Signature	WAY	MEAL
Gatefact	Consequence	GATE	FACT
Beerson	Ceremony	BEER	SON
Mapgate	Collide	MAP	GATE
Bathdog	Bumper	BATH	DOG
Deathchurch	Airport	DEATH	CHURCH
Mediawall	Blacklist	MEDIA	WALL

Goldvillage	Department	GOLD	VILLAGE
Baseworker	Medicine	BASE	WORKER
Datapizza	Sewage	DATA	PIZZA
Manowner	Fringe	MAN	OWNER
Guitarfish	Likable	GUITAR	FISH
Actorfailure	Potential	ACTOR	FAILURE
Soundstage	Vineyard	SOUND	STAGE

Non-word controls (category four) (200/1= 200 total, 200 per cond.)

Pseudo-non-word	Unrelated word	Target (real)	Target (non-word)
Woodmalf			MALF
Hardsorm			SORM
Cantileen			TILEEN
Dogmatile			MATILE
Sickwan			WAN
Berrow			BER
Balfour			BAL
Lowhoult			HOULT
Nonergrate			NONER
Horrobin			HORRO
Pernicat			PERNI
Staceride			STACE
Woolnough			NOUGH
Whitrod			WHIT
Forfert			FERT
Bankrus			RUS

Teometer	TEO
Groundprak	PRAK
Speechlind	LIND
Bracenep	BRACE
Sortape	SOR
Surstick	SUR
Sunscrip	SCRIP
Borlight	BOR
Seedlen	LEN
Tomeplare	PLARE
Penpood	POOD
Saltbela	BELA
Songpiggets	PIGGETS
Paperwilmer	WILMER
Manborrory	BORRORY
Hardpreedy	PREEDY
Ringalvess	ALVESS
Cloudspen	SPEN
Treebure	BURE
Floorwhit	WHIT
Phonenats	NATS
Waterflir	FLIR
Kingsep	SEP
Houseches	CHES
Theaterobat	OBAT
Gradegat	GAT
Pageogur	OGUR
Priestsolg	SOLG
Bridebated	BATED

Tearbukey	BUKEY
Textauting	AUTING
Deepmonomis	MONOMIS
Childapol	APOL
Wordwaldes	WALDES
Placetrose	TROSE
Handicor	ICOR
Goondiage	DIAGE
Sandpred	PRED
Posecommod	COMMOD
Ninegrap	GRAP
Truthades	ADES
Portickin	ICKIN
Sootfilel	FILEL
Ramroidan	ROIDAN
Curepingly	PINGLY
Bugjegger	JEGGER
Callupligh	UPLIGH
Oozeploid	PLOID
Hairarant	ARANT
Tablecott	COTT
Cruiseporbe	PORBE
Gunpor	POR
Moonconces	CONCES
Copyricker	RICKER
Heatafes	AFES
Clothfors	FORS
Oilfarson	FARSON
Combros	ROS

Antackels	ACKELS
Aswori	WORI
Keybal	BAL
Bawkne	KNE
Imixec	IMIX
Neumet	NEUM
Mapind	PIND
Pidnes	PID
Gienes	GIEN
Lounde	LOUN
Geacto	ACTO
Utster	UTST
Aubler	BLER
Anning	NING
Knistu	ISTU
Cuttle	TLE
Isconm	ISCON
Befrai	FRAI
Pancie	PANC
Jagesi	JAGE
Loello	LOEL
Elkwoomo	WOOMO
Aironder	RONDER
Doismora	MORA
Litichro	CHRO

Sipreres	RERES
Ignovocy	VOCY
Nooporap	PORAP
Cystiver	TIVER
Uphriapp	RIAPP
Maudatoe	DATOE
Bodiatic	BODI
Vaudfina	VAUD
Sucenger	SUCE
Himetene	HIMET
Muousnet	MUOUS
Wamercut	WAMER
Xyloctra	LOCTRA
Hiriumat	HIRIU
Yawperhe	YAWP
Sevitrou	SEVIT
Cowherc	HERC
Horeent	REENT
Taminky	TAMIN
Colitea	ITEA
Kearthe	ARTHE
Anlanco	LANCO
Opperwo	ERWO
Chrourn	CRHO
Jokelas	ELAS

Inmidio	MIDIO
Mailess	ILESS
Cuenter	CUEN
Bilicio	LICIO
Lyoidda	IDDA
Austrac	STRAC
Cyleber	LEBER
Eclabla	BLA
Usatcha	ATCHA
Kentorm	TORM
Mobeach	MOBE
Oudipanc	OUDI
Bulaceis	BULAC
Izzlepir	IZZLE
Bioneshi	BIONE
Faymingl	FAYM
Panoscum	PANO
Sysurgir	SYSU
Upborebo	UPBOR
Exantica	EXAN
Heagnati	HEAG
Naoluxia	NAOL
Comingra	INGRA
Setivite	IVITE
Oocophal	COPHAL

Dupelthi	ELTHI
Glandect	DECT
Olfoosor	FOOSOR
Emicarte	ICARTE
Gaminisc	GAMI
Sycluncu	SYNCL
Capola	POLA
Tegasi	GASI
Rotabi	ROTA
Evultu	EVUL
Excemo	EXCE
Siclef	CLEF
Obverc	OBVE
Puzend	ZEND
Enness	ENNE
Clitei	ITEI
Unaunt	UNAU
Lurmid	LURM
Ranici	NICI
Koplen	PLEN
Tifund	TIF
Lobane	LOBA
Inquad	INQU
Asterd	TERD
Klysio	YSIO

Azuzer	AZUZ
Kethmati	KETH
Esecepti	CEPTI
Pusablyp	ABLYP
Rifermit	ERMIT
Wignouni	WIGN
Zorulgea	ULGEA
Feamatin	FEAM
Gughtere	GUGH
Albalici	ALBAL
Tucoinst	TUCO
Ralcione	CIONE
Actionis	TIONIS
Puclicus	PUCL
Jakfis	FIS
Roweende	EENDE
Spantici	TICI
Megragre	AGRE
Suggingl	GINGL
Dicioxyl	DICI
Piquefal	PIQU
Bailitho	BAILI
Moquallo	UALLO
Cubjecti	JECTI
Ugliscen	SCEN

Avissadi	SADI
Enjurest	JUREST
Tummotog	OTOG
Egaterdo	TERDO
Eushioun	EUSH
Wolyclis	CLIS

Literature and online resources:

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