

Supplemental Material S3. Probe and treatment stimuli for all participants.

Participant 1

Set 1 (Blocked)

	<u>Subset A (/pr/)</u>	<u>Subset B (/ks/)</u>
Treated	Practical	Extinction
	Privately	Excellent
	Precocious	Flexible
	Prohibit	Hexagon
	Prejudice	Luxury
	President	Excursion
	Presumption	Successful
	Pretentious	Vexation
	Principle	Oxygen
	Probable	Excited
Untreated	Precision	Fixation
	Productive	Succession
	Primitive	Expulsion
	Presently	Taxation
	Pragmatic	Vaccinate

Set 2 (Random)

	<u>Subset A (/gl/)</u>	<u>Subset B (/nd/)</u>
Treated	Glaucoma	Condition
	Glamorous	Endurance

	Gleefully	Inundate
	Glimmering	Laundromat
	Globalize	Mandarin
	Glorify	Plundering
	Glossary	Tendency
	Gluteal	Thunderbolt
	Gluttony	Underbrush
	Glaringly	Wonderful
Untreated	Glandular	Undermine
	Gloomier	Conductor
	Glycerin	Meander
	Glutamate	Appendage
	Glistening	Sundial
<u>Participant 2</u>		
	Set 1 (Blocked)	
	<u>Subset A (/f/)</u>	<u>Subset B (/sm/)</u>
	Beef	Smack
	Muff	Smile
	Leaf	Smash
	Knife	Smoke
	Roof	Smooth
	Turf	Smudge
Treated	Jeff	Smock

Untreated	Laugh	Smirk
	Cough	Smidge
	Woof	Smote
	Buff	Smart
	Rough	Smell
	Loaf	Small
	Tough	Smut
	Chef	Smith

Set 2 (Random)

	<u>Subset A (/p/)</u>	<u>Subset B (/b/)</u>
Treated	Lip	Black
	Rap	Blot
	Top	Blip
	Shape	Blurt
	Chop	Blog
	Nape	Blade
	Sap	Blab
	Cheap	Blush
	Carp	Bloom
	Gyp	Bleak
Untreated	Lap	Bling
	Ripe	Blotch

Dope	Bleed
Mop	Blurb
Sharp	Blame

Participant 3

Set 1 (Blocked)

	<u>Subset A (/gl/)</u>	<u>Subset B (/kw/)</u>
Treated	Glacier	Awkward
	Gluten	Banquet
	Glory	Vanquish
	Global	Tranquil
	Glaring	Sequin
	Glamour	Liquid
	Gleeful	Misquote
	Glover	Equal
	Glucose	Request
	Glossy	Equip

Untreated	Glimmer	Acquaint
	Gladden	Turquoise
	Gloomy	Frequent
	Glycol	Kumquat
	Glider	Inquest

Set 2 (Random)

	<u>Subset A (/θr/)</u>	<u>Subset B (/st/)</u>
Treated	Threading	Instead
	Thriller	Estate
	Thriving	Abstain
	Threshold	Einstein
	Thrushes	Asters
	Throwing	Youngster
	Thrasher	Instinct
	Throaty	Astute
	Throttle	Instance
	Thrumming	Instill
Untreated	Thrifty	Install
	Thrombus	Esteem
	Threaten	Astound
	Throstle	Eastern
	Throbbing	Austere
<u>Participant 4</u>		
	Set 1 (Blocked)	
	<u>Subset A (/θr/)</u>	<u>Subset B (/gl/)</u>
Treated	Threading	Glamorous
	Throughout	Gleefully
	Threaten	Glistening
	Threshold	Glaucoma

Untreated	Threefold	Gloria
	Thrifty	Glittering
	Thresher	Glossary
	Throaty	Glycerin
	Thrushes	Gluttony
	Throwback	Glycolic
	Thrombin	Glorify
	Throwing	Gloomier
	Thriving	Glorious
	Thriller	Glimmering
	Throbbing	Glandular
Set 2 (Random)		
Treated	<u>Subset A (/kw/)</u>	<u>Subset B (/sn/)</u>
	Quadratic	Snapdragon
	Quackery	Snickering
	Quietly	Snazziest
	Quantify	Sneakily
	Querulous	Snobbishly
	Quadriiceps	Snorkeling
	Quarreling	Snuggling
	Quagmire	Sneeziest
	Quotation	Snarkiest
	Quizzical	Sneerfully

Untreated	Qualify	Snappiest
	Queasiness	Sniffiness
	Quadruple	Snoopiest
	Quintuple	Snowmobile
	Quavering	Snivelling

Participant 5

All consonants correct required for a correct score for this participant.

Set 1 (Blocked)

	<u>Subset A (/θ/)</u>	<u>Subset B (/s*/)</u>
Treated	Cathartic	Statistical
	Arithmetic	Scholastic
	Arthritic	Scoliosis
	Diphtheria	Stephanotis
	Authenticate	Scarcity
Untreated	Apathetic	Stoicism
	Ethereal	Statuesque
	Catheter	Stochastic

Set 2 (Random)

	<u>Subset A (/br/)</u>	<u>Subset B (/l/)</u>
Treated	Algebraic	Oleander

	Abbreviate	Illusion
	Inebriate	Alkaline
	Bracketed	Aluminum
	Embryonic	Olympic
Untreated	Abrasion	Alienate
	Brandishing	Alleviate
	Ambrosia	Uvula

Participant 6

All consonants correct required for a correct score for this participant.

Set 1 (Blocked)

	<u>Subset A (/st/)</u>	<u>Subset B (/dʒ/)</u>
Treated	Statuesque	Budgetary
	Stationary	Enjoyment
	Stigmatize	Adjustable
	Stoicism	Objective
	Stupendous	Impinging
Untreated	Staccato	Adjective
	Stephanotis	Rejuvenate
	Statistical	Perjury

Set 2 (Random)

	<u>Subset A (/gl/)</u>	<u>Subset B (/θ/)</u>
Treated	Glaringly	Atheist
	Glaucoma	Authenticate
	Gloriously	Cathartic
	Glucosamine	Orthodontia
	Gluttonous	Pathology
Untreated	Glaciate	Diphtheria
	Gloomily	Mythical
	Glycolysis	Arithmetic

Participant 7

	Set 1 (Blocked)	
	<u>Subset A (/dʒ/)</u>	<u>Subset B (/z/)</u>
Treated	Gem	Zag
	Jail	Zoot
	Jet	Zed
	Jane	Zees
	Juice	Zone
	June	Zip
	Jade	Zoom
	Jot	Zit
	Germ	Zonk
	Gyp	Zen

Untreated	John	Zing
	Gym	Zig
	Job	Zap
	Join	Zane
	Jill	Zoos

Set 2 (Random)

	<u>Subset A (/g/)</u>	<u>Subset B (/r/)</u>
Treated	Gab	Race
	Gash	Rack
	Game	Reef
	Gum	Red
	Get	Rib
	Goat	Rice
	Gag	Roam
	Gown	Route
	Gut	Rude
	Goose	Rug

Untreated	Goof	Rate
	Gain	Ram
	Gout	Rim
	Gush	Road
	Gone	Rum

Participant 8

Set 1 (Blocked)

	<u>Subset A (/g/)</u>	<u>Subset B (/θ/)</u>
Treated	Backlog	Beneath
	Bulldog	Birdbath
	Earwig	Bismuth
	Eclogue	Forsooth
	Fatigue	Herewith
	Zigzag	Mammoth
	Homburg	Rebirth
	Humbug	Uncouth
	Prologue	Warpath
	Renegé	Zenith
Untreated	Colleague	Eyetooth
	Iceberg	Sabbath
	Intrigue	Tollbooth
	Sandbag	Unearth
	Hedgehog	Vermouth

Set 2 (Random)

	<u>Subset A (/b/)</u>	<u>Subset B (/f/)</u>
Treated	Absorb	Banish
	Adverb	Furnish
	Cherub	Mustache

	Confab	Panache
	Disturb	Relish
	Imbibe	Selfish
	Microbe	Sheepish
	Perturb	Varnish
	Transcribe	Yiddish
	Wardrobe	Youngish
Untreated	Describe	Foolish
	Disrobe	Garish
	Proverb	Garnish
	Rhubarb	Goulash
	Superb	Rubbish
<u>Participant 9</u>		
Set 1 (Blocked)		
Treated	<u>Subset A (/θ/)</u>	<u>Subset B (/gl/)</u>
	Thieve	Gleam
	Thatch	Glam
	Thane	Glib
	Thong	Globe
	Therm	Gloom
	Theme	Glove
	Thought	Glum
	Thighs	Glass

Untreated	Thick	Glut
	Thumb	Glop
	Thin	Gloat
	Thing	Glen
	Thaws	Glob
	Thorn	Glitch
Treated	Thebes	Gloss
	Set 2 (Random)	
	<u>Subset A (/f/)</u>	<u>Subset B (/br/)</u>
	Chic	Brace
	Shade	Brag
	Shed	Braid
	Sheep	Breed
	Sheer	Bribe
	Shire	Brick
	Shirt	Bring
Untreated	Shoot	Broil
	Shout	Brought
	Shuck	Brown
	Chef	Brew
	Shake	Brim
	Shame	Broke

Shine	Brood
Shock	Brute

Participant 10

Set 1 (Blocked)

	<u>Subset A (/s/)</u>	<u>Subset B (/bl/)</u>
Treated	Sacrilegious	Blamelessness
	Sagaciousness	Blandishing
	Satiation	Blastoma
	Sensational	Blatantly
	Substantially	Blathering
	Superstitious	Blistering
	Sustainable	Blotchiest
	Sustenance	Blubbering
	Synchronizing	Bluffable
	Systematize	Blunderbuss

Untreated	Circuitous	Blasphemous
	Sadistically	Blithely
	Sagacity	Bludgeoning
	Secessionist	Blurriest
	Subservience	Blustering

Set 2 (Random)

<u>Subset A (/f/)</u>	<u>Subset B (/str/)</u>
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Treated	Fiberoptic	Strangulation
	Phantasm	Strategically
	Pharmacist	Stratosphere
	Phenomenon	Strenuously
	Phenotypic	Streptococcus
	Pheromone	Striations
	Philander	Structural
	Philanthropist	Stroboscopy
	Philharmonic	Stroganoff
	Philistine	Strontium

Untreated	Filipinos	Stressfully
	Philosophize	Stretchiest
	Phonemically	Stridently
	Phosphorescence	Stringently
	Photosphere	Struggling

Participant 11

Set 1 (Random)

	<u>Subset A (/fl/)</u>	<u>Subset B (/dʒ/)</u>
Treated	Will flabbergast	One injection
	How flattering	More disjointed
	My flakiness	Are maladjusted
	Is flirtatious	Bad perjury
	Be flexible	So injudicious

	Such flamboyance	Does rejuvenate
	Hot fluorescent	Long conjugation
	Good flavoring	The sojourner
	Big flamingo	In conjunction
	That flotation	His pejorative
Untreated	Can fluctuate	Not adjustable
	Talk fluently	Can adjudicate
	Was flammable	Good banjoist
	Not floundering	Will interject
	So flagrantly	Is projecting

Set 2 (Blocked)

Treated	<u>Subset A (/sn/)</u>	<u>Subset B (/θ/)</u>
	The snazziest	Good hypothesis
	Her snootiness	Is lethargic
	Nice snuggling	Are enthusing
	How snobbishly	Long anthology
	More snickering	Some bioethics
	My snappiest	Such antipathy
	Fun snorkeling	How methodic
	No sniveling	So cathartic
	Walk sneakily	Big cathedral
	Much snowier	In arithmetic

Untreated	Look sneerfully	Not apathetic
	The sneeziest	Can euthanize
	Her sniffiness	The pantheon
	Not snarkiest	Was monolithic
	Be snoopiast	His atheism

Participant 12

Set 1 (Random)

	<u>Subset A (/fr/)</u>	<u>Subset B (/θ/)</u>
Treated	Frail	Thank
	Frat	Thatch
	Fraud	Thaws
	Free	Theme
	Fresh	Thick
	Fried	Thighs
	Fright	Thin
	Frill	Thing
	From	Third
	Fruit	Thorn
Untreated	Frame	Thad
	Freed	Thieve
	Fret	Thong
	Frog	Thor
	Frosh	Thumb

Set 2 (Blocked)

	<u>Subset A (/k/)</u>	<u>Subset B (/sm/)</u>
Treated	Can	S’mores
	Cap	Small
	Car	Smash
	Coal	Smear
	Comb	Smell
	Cows	Smidge
	Cup	Smirk
	Kale	Smite
	Key	Smooth
	Kid	Smudge
Untreated	Came	Smile
	Cook	Smog
	Cub	Smooch
	Keep	Smote
	Kill	Smug

Participant 13

Set 1 (Random)

	<u>Subset A (/z/)</u>	<u>Subset B (/st/)</u>
Treated	Buzz	Stab
	Faze	Stuck

Untreated	Wise	Stem
	Rose	Sting
	News	Stale
	Shoes	Stitch
	Toys	Start
	Tours	Stern
	Vase	Stove
	Cheese	Still
	Bees	Step
	Nose	Stub
	Choose	Starve
	Keys	Steak
	Thighs	Stool
	Set 2 (Blocked)	
Treated	<u>Subset A (/f/)</u>	<u>Subset B (/gl/)</u>
	Leaf	Glib
	Knife	Glass
	Laugh	Gleam
	Muff	Globe
	Sheaf	Glen
	Buff	Glitch
	Turf	Glop
	Poof	Glove

	Tiff	Gloom
	Roof	Glut
Untreated	Loaf	Glob
	Beef	Glum
	Tough	Gloat
	Rough	Gloss
	Life	Glam

Participant 14

	Set 1 (Random)	
	<u>Subset A (/sn/)</u>	<u>Subset B (/θr/)</u>
Treated	Fun snacking	Was threading
	Be snoopy	Low throaty
	The snafu	Are thriving
	Talk snidely	Do threaten
	Will snuggle	Head throbbing
	That snippet	All throughout
	My sneaker	Good throwing
	Can snorkel	New thriller
	Look snazzy	High thrombin
	Her sneezing	So thrifty
Untreated	How snappy	Two thrushes
	Mean snicker	Wide threshold

No snoozing	Saw threefold
Not snobbish	His throwback
Loud snoring	Big thresher

Set 2 (Blocked)

	<u>Subset A (/fl/)</u>	<u>Subset B (/kw/)</u>
Treated	Is flabby	Fine cuisine
	Not flaccid	Big quota
	Eyes flutter	One quarter
	Hot flaming	Be queenly
	New flannel	Fun quilting
	Red flashing	Full quorum
	Will flounder	High quotient
	Nice flavor	Good quencher
	Does flicker	John Quincy
	Has fluoride	Feel queasy
Untreated	Real flimsy	Are Quaker
	The fledgling	Male quartet
	Wet flipper	In quicksand
	So flaky	Bow quiver
	Some flurries	Tough question

Participant 15

All consonants correct required for

a correct score for this participant.

Set 1 (Random)

	<u>Subset A (/st/)</u>	<u>Subset B (/tr/)</u>
Treated	Stoicism	Matriculate
	Statistical	Indoctrination
	Stephanotis	Gentrification
	Statuesquely	Intriguingly
	Studiously	Nutritional
Untreated	Sensitivity	Contributor
	Stereoscopic	Diametrically
	Stochastically	Electrified

Set 2 (Blocked)

	<u>Subset A (/θ/)</u>	<u>Subset B (/fl/)</u>
Treated	Authenticate	Flabbergasted
	Enthusiastic	Flirtatiously
	Epithelium	Mellifluent
	Hypothetical	Effluvium
	Ichthyology	Inflammatory
Untreated	Methuselah	Influentially
	Orthodontia	Affluently
	Ophthalmology	Conflagration

Participant 16

All consonants correct required for a correct score for this participant.

Set 1 (Random)

	<u>Subset A (/br/)</u>	<u>Subset B (/kw/)</u>
Treated	Candelabra	Acquaintances
	Defibrillate	Consequential
	Embraceable	Delinquency
	Fabrication	Equality
	Sauerbraten	Liquidation
Untreated	Algebraic	Acquiescence
	Embryonic	Eloquently
	Lubrication	Ventriloquist

Set 2 (Blocked)

	<u>Subset A (/fl/)</u>	<u>Subset B (/sp/)</u>
Treated	Affluently	Conspicuous
	Camouflaging	Correspondence
	Deflecting	Introspection
	Influenza	Prospectively
	Retroflexion	Responsiveness
Untreated	Conflictingly	Despondency
	Influential	Perspicacious

	Riboflavin	Unspecified
<u>Participant 17</u>		
	Set 1 (Random)	
	<u>Subset A (/dʒ/)</u>	<u>Subset B (/gl/)</u>
Treated	Gem	Glib
	Jail	Glass
	Jet	Gleam
	Jane	Globe
	Jewel	Glen
	June	Glitch
	Join	Glop
	Jot	Glove
	Germ	Gloom
	Gyp	Glut
Untreated	John	Glob
	Gym	Glum
	Job	Gloat
	Jade	Gloss
	Jill	Glam
	Set 2 (Blocked)	
	<u>Subset A (/n/)</u>	<u>Subset B (/st/)</u>
Treated	Knack	Stab

	Night	Stuck
	Niece	Stem
	Notch	Sting
	Neck	Stale
	Next	Stitch
	Noise	Start
	North	Stern
	Need	Stove
	Nerve	Still
Untreated	Not	Step
	Nurse	Stub
	Nine	Starve
	Knit	Steak
	News	Stool
<u>Participant 18</u>		
Set 1 (Random)		
	<u>Subset A (/s/)</u>	<u>Subset B (/kw/)</u>
Treated	Save	Quack
	Sill	Quad
	Sit	Quail
	Saw	Quake
	Sam	Queen
	Seal	Quell

Untreated	Sew	Quick
	Seed	Quit
	Sip	Quill
	Sigh	Quote
	See	Quip
	Sail	Quid
	Suit	Quay
	Say	Quiz
	Sat	Quite

Set 2 (Blocked)

	<u>Subset A (/ʃ/)</u>	<u>Subset B (/pl/)</u>
Treated	Shack	Place
	Shade	Plaque
	Shine	Pledge
	Ship	Plan
	Shoe	Plate
	Sham	Plane
	Shoot	Play
	Show	Plea
	Shawl	Pluck
	Shave	Pleat
Untreated	She	Plum
	Shape	Plod

Shop	Plow
Sheep	Please
Shut	Plug

Participant 19

Set 1 (Random)

	<u>Subset A (/dʒ/)</u>	<u>Subset B (/sm/)</u>
Treated	Gem	Smack
	Jail	Smile
	Jet	Smash
	Jane	Smoke
	Jewel	Smooth
	June	Smudge
	Join	Smock
	Jot	Smirk
	Germ	Smidge
	Gyp	Smote

Untreated	John	Smart
	Gym	Smell
	Job	Small
	Jade	Smut
	Jill	Smith

Set 2 (Blocked)

	<u>Subset A (/θ/)</u>	<u>Subset B (/gl/)</u>
Treated	Thing	Glib
	Thumb	Glass
	Thought	Gleam
	Thighs	Globe
	Thatch	Glen
	Thaws	Glitch
	Thebes	Glop
	Thin	Glove
	Theme	Gloom
	Thick	Glut

Untreated	Therm	Glob
	Thong	Glum
	Thane	Gloat
	Thorn	Gloss
	Thieve	Glam

Participant 20

Set 1 (Random)

	<u>Subset A (/θ/)</u>	<u>Subset B (/kr/)</u>
Treated	Anthological	Anachronism
	Authoritarian	Autocratical
	Catholicism	Deconsecration
	Logarithmical	Democratical

	Monotheism	Diacritical
	Ophthalmologist	Discretionary
	Paleolithic	Incredulity
	Photosynthesis	Incrimination
	Psychotherapy	Isochromatic
	Unsympathetic	Mediocrity
Untreated	Arithmetician	Indiscriminate
	Athleticism	Hypercriticize
	Elizabethan	Microscopical
	Methodology	Procrastination
	Orthographical	Re crimination
	Set 2 (Blocked)	
	<u>Subset A (/ŋ/)</u>	<u>Subset B (/pl/)</u>
Treated	Anglicization	Amplification
	Bilingualism	Diplomatical
	Conjunctivitis	Disciplinarian
	Contradistinguish	Exploratory
	Distinguishable	Implementation
	Sanctification	Inapplicable
	Tranquilization	Inexplicable
	Unpityingly	Irreplaceable
	Unrelentingly	Multiplicity
	Unremittingly	Reapplication

Untreated

Congregational

Inexplorable

Disentanglement

Reduplication

Extinguishable

Simplification

Unavailingly

Undiplomatic

Unconquerable

Unemployable